B806/B901 Weigh Price Label Machine

Programming Instructions

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1 Things you need to know

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1 Things you need to know

1.1 Safety

Please remember.....



We strongly recommend that you read the Operator Instructions to ensure safe use of the machine.

1.2 Interactions





Parameter list

Parameters are identified by a parameter number and an index number. They are listed in numerical order and may be functions or field definitions, define an input format or contain text. Parameters that are functions will also be listed in the Function List and those that are field definitions will appear in the Field Definition List.

The complete Parameter List is stored in the Operating System. Those parameters enabled for use by the default machine program appear in the Standard List display window.

You can enhance the functionality and performance of the machine by adding appropriate parameters to the Selection List.

Parameters in the Selection List may be modified. For example, you may change text descriptions, numerical values, menu items.

Functions	
	Functions are parameters that initiate an action by the system.
Texts	
	Texts control the messages and descriptions that appear on the display.
Input formats	
	Input formats define the way in which data must be input and how it is displayed or printed.
Function list	
	The Function List contains all the functions recognised by the system. Only functions which appear in the Selection Program can be used in the labelling program. Default labelling programs are provided but you may create your own labelling programs as well.
Labelling progr	am
	The labelling program controls the way in which the B806/B901 works and is built up from the function list. PLUs can be assigned to a labelling program.
Field definition	list
	The Field Definition List contains all the parameters available for creating label formats and PLUs/customer programs.
PLU/customer	number
	PLU numbers contain product specific data. Customer numbers contain data relative to a specific customer.
Label format	
	Label formats define the information that is printed on a label.

1.3 Access to programming options



You can only access the programming and service menus if you have been supplied with a dongle (security device).

1			Avery Berkel Foundry Lane Welst Miclands	erke) 12.03.87 14.50.10
2	Press any key. The machine wil and find zero the	ll take approximate en you will see	ly 45 secs to	initialise
		PRE-PACK	MODE	(Avery Berkel)
		PLU No _		
		UNIT PRICE £/kg	ka TARE	ka WEIGHT
		g		0.000
		NOT TO BE USED FOR DIRECT TRADE WITH THE PUBLIC Gross	CLASS III	Max 3/6/8 kg Min 20g e = d = 1g
(3)				
				● ● ○
Ins cor ind	ert the dongle into nector on the uno icator box.	o the 25 pin derside of the		





1.4 Programming and service menus

Use this diagram to tell you where to find an option if you cannot remember which menu it is in.



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2.1 Handling the Function list 2–1

Default PLU no. 50

		Label format 10	
100	1	PLU text L.1	Cumberland
100	2	PLU text L.2	Sausage
100	3	PLU text L.3	Farm produced
519	1	Ingredients 1st line	Pork: Bread Crumbs; Onions; Seasoning
571	1	Date Text Line 1	Best Before
571	2	Date Text Line 2	Eat by
33	0	Date 1	2
34	0	Date 2	4
61	0	Customer No	0
102	0	Sort type no.	-
99	0	LOWER WEIGHT LIMIT	-
99	1	UPPER WEIGHT LIMIT	-
99	2	FIXED WEIGHT	-
91	0	Country Code	6
54	0	Labelling Mode	0
2	0	Tare	0.010 kg
8	0	Unit price	2.50 £/kg
37	0	Barcode EAN –13	#1
581	2	Article No	4444
581	1	Flag No	02
522	1	Advertising Text Line 1	Adams Butchers
522	2	Advertising Text Line 2	Millington Road
522	3	Advertising Text Line 3	Glasgow
95	0	Use Labelling Program. No.	1
124	0	Label posit. (1–255)	47
122	0	Applicator force (1–255)	75
123	3	Convey. speed (0–2)	3
126	4	CONVEYOR STOP (0-3)	2

Field selection list no. 1

No.	Index	Description	Attribute	Format	Symbol			
100	1	PLU text L.1	а					
100	to 10	PLU text L.10	а					
519	1	Ingredients 1st line	а					
519	to 6	Ingredients 6th line	а					
571	1	Date Text Line 1	а					
571	2	Date Text Line 2	а					
504	1	Fixed text 1st line						
504	to 3	Fixed text 3rd line						
30	0	System date						
32	0	Time						
33	0	Date 1	а					
34	0	Date 2	а					
35	0	Date 3	а					
12	0	Pagination number						
8	0	Unit price	а					
24	0	Unit price symbol						
11	0	Net Wt. Kg/lb						
22	0	Weight symbol						
102	0	Sort type no.	V	1.0	0			
99	0	LOWER WEIGHT LIMIT	V	6.3	0			
99	1	UPPER WEIGHT LIMIT	V	6.3	0			
99	2	FIXED WEIGHT	V	2.0	0			
21	0	Pack price						
23	0	Price symbol						
91	0	Country Code	V					
54	0	Labelling Mode	V					
36	0	Country Code	k					
37	0	Barcode EAN –13	k					
48	0	Barcode EAN –128	k					
581	1	Flag No						
581	2	Article No k						
522	1	Advertising Text Line 1						
522	to 3	Advertising Text Line 3 k						
95	0	Use Labelling Program. No. v						
9	1	PLU no. used to print: total 1	V					
9	2	PLU no. used to print: total 2	V					
9	3	PLU no. used to print: total 3	LU no. used to print: total 3 v					

No.	Index	Description	Attribute	Format	Symbol			
9	5	PLU no. used to print: total 5	V					
150	0	Product group number	V					
124	0	Label posit. (1–255)	k					
122	0	Applicator force (1–255)	pplicator force (1–255) k					
126	4	CONVEYOR STOP (0-3)	k					
123	3	Convey. speed (0–2)	k					
70	0	Print No. of pkt. *1						
71	0	Print weight of *1 Kg/lb						
22	1	Tot Wt. symbol Kg/lb						
72	0	Print price *1						
23	1	Tot. Price symbol						
73	0	Print No. of pkt. *2	Print No. of pkt. *2					
74	0	Print Wt.*2 Kg/lb	Print Wt.*2 Kg/lb					
75	0	Print price *2						
76	0	Print No. of pkt. *2						
77	0	Print Wt.*3 Kg/lb						
78	0	Print price *3						
86	0	Print No. of pkt. *4						
85	0	Print Price *4						
84	0	Print Weight *4						
504	80	Fix text: No.						
504	81	Fix text: *1*						
504	82	Fix text: *2*						
504	83	Fix text: *3*						
504	84	Fix text: TOTAL	Fix text: TOTAL					
504	85	Fix text: *4*						

Field selection list no. 2

No.	Index	Description	Attribute	Format	Symbol
401	1	Weight Table No.	а		
100	1	PLU text L.1	а		
100	to 10	PLU text L.10	а		
519	1	Ingredients 1st line	а		
519	to 6	Ingredients 6th line	а		
571	1	Date Text Line 1	а		
571	2	Date Text Line 2	а		
504	1	Fixed text 1st line	—		
504	to 3	Fixed text 3rd line	—		
30	0	System date	—		
32	0	Time			

No.	Index	Description	Format	Symbol		
33	0	Date 1	а			
34	0	Date 2	а			
35	0	Date 3	а			
12	0	Pagination number				
8	0	Unit Price	а			
24	0	Unit Price Symbol				
11	0	Net Wt. Kg/lb.				
22	0	Weight Symbol				
102	0	Weight Range Mode	V	1.0	0	
99	0	Lower weight limit	V	6.3	0	
99	1	Upper weight limit	V	6.3	0	
99	2	fixed Weight	V	2.0	0	
21	0	Pack Price				
23	0	Price Symbol				
91	0	Country code	V			
54	0	Labelling type	V			
36	0	Barcode EAN 8	k			
37	0	Barcode EAN 13	k			
48	0	Barcode EAN 128	k			
581	1	Flag	k			
581	2	Article No.	k			
522	1	Advertising text	k			
522	to 3	Advertising text	k			
95	0	Labelling-Program No.	V			
9	1	PLU no, used to print: total 1	V			
9	2	PLU No. used to print total 2	V			
9	3	PLU No, used to print total 3	v			
9	5	PLU No used to print total 5	V			
150	0	Product group number	v			
124	0	Label position (1–255)	k			
122	Õ	Applicator force (1 –255)	k			
126	4	Conveyor Stop (0–3)	k			
123	3	Conveyor speed $(0-2)$	k			
70	0	Print No. of pkt. * 1				
71	0	Print weight of * 1kg/lb.				
22	1	Tot Wt. Symbol. ka/lb.				
72	0	Print Price *1				
23	1	Tot. Price Symbol				
73	0	Print No. Of pkt. *2				
74	0	Print Wt. *2 kg/lb.				
75	0	Print Price *2				
76	0	Print No. Of Pkt. *2				
77	0	Print Wt. *3 kg/lb.				
78	0	Print Price *3				
86	0	Print No. Of pkt. *4	+			
85	0	Print Price *4	Print Price *4			
84	0	Print weight *4	Print weight *4			
504	80	Fix text: NO				
504	81	Fix text: *1*				
504	82	Fix text: *2*				
L		····· -	1		L	

No.	Index	Description	Attribute	Format	Symbol
504	83	Fix text: *3*			
504	84	Fix text: TOTAL	_		
504	85	Fix text: *4*			

Field selection list no. 3

3 Function list

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3 Function list

3.1 Handling the Function list

The Function List consists of all those parameters which initiate an action by the system. The list has two display windows; the left hand window is the standard function list and the right hand window is the selection function list. You may only use functions from the selection list in a labelling program.

You can modify the Function List in exactly the same way as the Parameter List. Refer to section 16 , page 16–1 for details.

Function	Index	Code	Description
1	0	1	One line up
3	0	1	STANDARD MODE
3	1	1	Special Mode 1
3	2	1	Repeat last key
3	3	1	Return to start
3	4	1	SPECIAL MODE 2
3	5	1	Return to previous menu
4	0	1	MINUS
19	1	1	TERMINAL-DELAY
30	0	1	System date
31	0	1	CHANGE SYSTEM DATE
31	1	1	
31	2	1	
53	1	1	FIXED PRICE
53	2	1	FIXED WEIGHT
53	3	1	FIXED PRICE + Qty
53	4	1	FIXED WEIGHT + PRICE
53	5	1	FIXED WEIGHT + UNIT PRICE
53	10	1	WITHOUT SCALE
55	1	1	Enable total 1
55	2	1	Enable total 2
55	3	1	Enable total 3

55	4	1	Enable total 4
55	5	1	Enable total 5
56	1	1	ENABLE ADVERT TEXT
56	2	1	ENABLE INGRED. TEXT
56	3	1	ENABLE DATE TEXT
56	4	1	ENABLE ARTICLE TEXT
56	5	1	ENABLE TEXT LIST
58	0	1	TRANSMIT TO HOST
58	1	1	Wait on host
58	2	1	Take next function
58	3	1	CLEAR HOST QUEUE
58	4	1	CLEAR WS-RAM
58	5	1	PRESS ANY KEY (OFFLINE)
58	8	1	CLEAR HOST CONDITION
60	0	1	PLU No
60	1	1	NEW PLU/CUSTOMER No.
60	2	1	NEW PLUOLD CUSTOMER
60	3	1	OLD PLUNEW CUSTOMER
61	0	1	CUSTOMER No .:
62	0	1	Unit price
63	0	1	Tare
64	1	1	PAGINATION SINGLE
64	2	1	PAGINATION TOTAL 1
64	3	1	PAGINATION START No.
68	0	1	Renew screen
69	1	1	SUPPRESS LABEL
69	2	1	KEY E ON
69	3	1	KEY E OFF
79	1	1	PRINT TOTAL 1
79	2	1	PRINT TOTAL 2
79	3	1	PRINT TOTAL 3
79	4	1	PRINT TOTAL 4
79	5	1	PRINT TOTAL 5
80	1	1	SET TARGET BOX WEIGHT

80	2	1	Set No. of Packs in a box	
80	3	1	Set target price of the box	
80	4	1	No. of boxes on a pallet	
81	1	1	Display accumulated weight of packs in a box	
81	2	1	Display accumulated no of packs in box	
81	3	1	TOTAL1 PACK PRICE	
81	4	1	Display the no. of boxes packed	
81	5	1	DISPLAY TOTAL2 WEIGHT	
88	0	1	Stop automatic print	
88	1	1	Automatic print	
88	2	1	Wait for key	
88	3	1	use key	
88	4	1	PASSWORD	
88	10	1	Automatic total print off	
88	11	1	Automatic total; print on	
88	12	1	Registra Variant No. :	
88	13	1	Registra *4 Alternative	
88	14	1	STOP PACK NOT ACTIVE	
88	15	1	STOP PACK ACTIVE	
89	0	1	DISPLAY LABEL	
90	0	1	Branch always to	
90	1	1	BRA. IF PRES. *1 TO	
90	2	1	BRA. IF PRES. *2 TO	
90	3	1	Branch if numeric to	
90	4	1	Branch if * to line	
90	5	1	Branch if key F to	
90	6	1	Branch if key x to	
90	7	1	BRA. IF WEIGHT TO	
90	8	1	BRANCH IF HOST	
90	9	1	BRANCH IF ERROR	
90	10	1	BRANCH IF DB_PAG i	
90	11	1	COUNTER 1=0 BRANCH Ù	
90	12	1	COUNTER 2=0 BRANCH Ù	
90	13	1	COUNTER 3=0 BRANCH Ù	

90	14	1	COUNTER 4=0 BRANCH Ù
90	20	1	BRANCH IF PAKSTOP
90	21	1	BRANCH IF REST = 0
90	22	1	BRANCH IF LASTKEY x TO
90	24	1	Test port bit(art) :
91	0	1	Country Code
91	1	1	GB lb oz No Symbols
91	2	1	GB lb oz With Symbols
91	3	1	GB Decimal lb No Symbols
91	4	1	GB Decimal lb With Symbols
91	5	1	GB kg No Symbols
91	6	1	GB kg with symbols
91	7	1	Austria 010 S
91	8	1	Italy 10 L
91	9	1	USA
91	10	1	Luxemburg
91	11	1	Scandinavia
91	12	1	Yugoslavia
91	13	1	
91	14	1	Greece
91	15	1	Israel
91	16	1	Spain
91	17	1	Arabian Countries
91	18	1	Switzerland + Symbols
91	19	1	GB lb oz no Symbols
91	22	1	Italy 5 L
91	23	1	Finland
91	24	1	Belgium 1 F
91	25	1	US–Nato
91	26	1	Austria 01 S
91	27	1	GB lb oz with Symb.
91	28	1	GB kg with Symbols
91	29	1	GB kg no Symbols
91	30	1	GB dec.lb no Symbols

91	31	1	GB dec.lb with Symb.
92	0	1	Total Printer No.
93	1	1	Adv.Text Total Printer
93	2	1	Ingr.Txt Total Printer
93	3	1	Date Txt Total Printer
93	4	1	Art.Text Total Printer
93	5	1	List Txt Total Printer
94	0	1	No. of Packs
91	29	1	GB kg no Symbols
91	30	1	GB dec.lb no Symbols
91	31	1	GB dec.lb with Symb.
92	0	1	Total Printer No.
93	1	1	Adv.Text Total Printer
93	2	1	Ingr.Txt Total Printer
93	3	1	Date Txt Total Printer
93	4	1	Art.Text Total Printer
93	5	1	List Txt Total Printer
94	0	1	No. of Packs
96	200	1	Stop label. by Host
96	201	1	Send Total 1 Ù Host
96	202	1	Send Total 2 Ù Host
97	1	1	'Pack weighed' on
97	2	1	'Pack weighed' off
99	0	1	LOWER WEIGHT LIMIT
99	1	1	UPPER WEIGHT LIMIT
102	0	1	Sort type no.
121	0	1	LAMP OFF
121	1	1	LAMP ON
121	2	1	LAMP FAST FLASH
121	3	1	LAMP SLOW FLASH
122	0	1	Applicator force (1–255)
122	1	1	Applicator force/commod.
122	2	1	Applicator force/machine
123	0	1	SLOW CONVEYOR SPEED

123	1	1	NORM. CONVEYOR SPEED
123	2	1	FAST CONVEYOR SPEED
124	0	1	Label posit. (1–255)
125	0	1	LONG PACKS OFF
125	1	1	LONG PACKS OFF
126	0	1	SLOW CONVEYOR STOP
126	1	1	NORMAL CONVEYOR STOP
126	2	1	FAST CONVEYOR STOP
126	3	1	SUPERSLOW CONV. STOP
127	0	1	Start conveyor
130	0	1	Scale No.
131	0	1	Display Scale No.
141	0	1	Pagination No. 1
142	0	1	Pagination No. 2
143	0	1	Pagination No. 3
144	0	1	Pagination No. 4
145	1	1	Incr. Pagination 1:+
145	2	1	Incr. Pagination 2:+
145	3	1	Incr. Pagination 3:+
145	4	1	Incr. Pagination 4:+
146	1	1	Decr. Pagination 1:-
146	2	1	Decr. Pagination 2:-
146	3	1	Decr. Pagination 3:-
146	4	1	Decr. Pagination 4
200	0	1	Operator info
200	1	1	Operator info (3 sec)
200	3	1	Operator entry
200	4	1	S20
200	5	1	Fixed text switch
200	6	1	START OF LABELIING
200	7	1	PRODUCT INFO 1
200	8	1	PRODUCT INFO 2
200	9	1	Fixtext Total Printer
200	10	1	Operator note (Article)

200	14	1	BEST BEFORE
200	15	1	SMALL FONT INSTRUCTION
200	16	1	SMALL FONT INSTRUCTION
200	17	1	SMALL FONT INSTRUCTION
200	18	1	Text to printer
205	0	1	Label extension (beginning)
206	0	1	Incr. Label at the end
207	0	1	Variable Date
207	1	1	Variable Date 1
207	2	1	Variable Date 2
207	3	1	Variable Date 3
240	0	1	Actual Date:
240	1	1	Date 1 :
241	0	1	Virtual Date
400	0	1	SCANNER ?
484	8	1	SB-LS ACTIV=1 INACTIV=0
570	5	1	PRINTER No.
570	78	1	0

4 Labelling programs

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4 Labelling programs

4.1 How a label program works

A label program is a collection of functions that control the way in which the labelling operation is performed. The functions you choose to include in the label program define the data that the operator must enter and the sequence in which the entries must be made.

The system executes the functions listed in the labelling program in order until it encounters a subroutine. The functions within the subroutine are then executed in order.

Each labelling program is identified by a number from 1 to 999 and you may create a number of label programs to meet your requirements. There are several label programs already defined in the system for your use but you may not change these programs (see page 4–5).

Function packages

These may be complete labelling programs or function packages (part labelling programs). You may use one or more of these function packages in a labelling program after the code calling up a PLU or customer number. To initiate a function package you must use the function code 95 - 0 and enter the labelling program/function package number in the VALUE column.

4.2 Explanation of terms

Labelling Program number

This number identifies the label program. Programs can be numbered from 1 to 999 but some of the numbers are allocated to pre-defined labelling programs that you may not modify.

Line

Lines in the program are numbered automatically and the functions are executed in the order in which they are listed.

Function code

The function is identified by its function code which has two parts, the main code and the sub code. Both parts must be entered.

Description

The function description will be displayed automatically when the function code is confirmed by pressing **E**

Attribute and value

These may be entered when the labelling program is created.

4.3 Operating modes

There are six operating modes that can be used within a labelling program to control the way in which the labelling process works.

Standard mode (function code 3–0)

Function 3 - 0 is the standard mode for a labelling operation and is pre-defined by the operating system. You cannot change it and it must be the last entry in the labelling program as all function codes listed after this will be ignored.

This operating mode is sufficient in itself for standard labelling without any additional data.

Special mode 1 (function code 3–1)

This is the operating mode specified in the default labelling program number 50. This mode has the same functions as the standard mode but also allows you to include additional functions or operating sub-routines. The additional functions are initiated by a weight or a defined key press. When a weight or key press is detected the program moves to the line indicated in the value column and performs that function. It includes functions allowing: automatic operation of total 1 and total 2 printing routines quick price change minus pre-sets label position applicator force function key settings transmit PLU number and weight when label is produced.

Repeat last key (function code 3–2)

This function is generally used in conjunction with function code 90 - 3. The entered value is stored and then displayed on screen as the first digit of the new value.

Return to start (function code 3–3)

As soon as the system encounters this function code in the labelling program it jumps back to the start of labelling program 1.

Special mode 2 (function code 3–4)

As soon as the system encounters function code 3 - 4 in the labelling program it waits for for the weight input to initiate a label or for a key to be pressed. If no other function codes follow this code the program jumps back to the start of the labelling program.

If you require total 1 and total 2 printing routines you must enter them as a set of separate instructions within the labelling program containing Special Mode 2. This is different from Special Mode 1 (function code 3 - 2) which automatically includes the total routines when Special Mode 1 (function code 3 - 2) is included in the labelling program.

Return to previous mode (function code 3–5)

Labelling programs may contain subroutines (function packages). These may be complete labelling programs or part labelling programs and are called up using function code 95 - 0.

The labelling program is processed in order until it encounters a subroutine. The functions within the subroutine are then executed in order. If the subroutine terminates with the function 3 - 5, the program jumps back to the previous labelling program and continues from the line immediately after the code calling up the subroutine.
4.4 Pre-defined label programs

There are several pre–defined labelling programs provided in the system. They are the labelling programs numbered 1, 10, 50, 101, 102, 103, 104, 105, 106, 107, 108 and 109. Of these, the programs numbered 1, 50, 104, 105, 108 and 109 may not be changed. The others are composed of individual functions and may be adapted to your own requirements.



Label program 1 is the base program that affects all PLUs. **Do not alter or delete label program 1.**

How it works



Base labelling program no. 1



You may not edit this program.

Base	Base program no. 1								
line	code	sub code	Description	Attribute	Value				
1	58	1	Wait on host						
2	58	2	Take next function		0.00				
3	89	1	Logo to printer						
4	102	0	Sort type no.	F	0				
5	60	0	PLU No		0				
6	95	0	Use Labelling Program. No.		10				



NOTE: Entering F in the attribute column fixes the value. The operator may view the value but not alter it.

Labelling program no. 10 (enabling totals)

Labelling Program No. 10								
line	code	sub code	Description	Attribute	Value			
1	55	1	Enable total 1		1			
2	55	2	Enable total 2		2			
3	55	3	Enable total 3		3			
4	55	4	Enable total 4		1			
5	55	5	Enable total 5		1			
6	96	50	Standard Labelling Program					



NOTE: The value indicates the number of labels to be printed when the total key is pressed or the pre–set value is achieved..

Standard labelling program no.50



You may not edit this program.

line	code	sub code	Description	Attribute	Value
1	3	1	Special Mode		0
2	90	3	Branch if numeric to		18
3	90	6	Branch if Key x to	F1	20
4	90	6	Branch if Key x to	F2	22
5	90	6	Branch if Key x to	F3	24
6	90	6	Branch if Key x to	#	16
7	90	5	Branch if Key F to	F	21
8	90	6	Branch if Key x to	F4	26
9	90	6	Branch if Key x to	F5	28
10	90	6	Branch if Key x to	F6	30
11	90	6	Branch if Key x to	\$\P\$	32
12	90	6	Branch if Key x to	⇒	34
13	90	6	Branch if Key x to	$\hat{\mathbf{v}}$	36
14	90	6	Branch if key x to	Ŷ	38
15	90	0	Branch always to		1
16	96	104	Minus		0
17	90	0	Branch always to		1
18	3	2	Repeat last key		0
19	3	3	Return to start		0
20	96	105	Fast Data Input		0
21	3	3	Return to start		0
22	96	108	Pusher (Machine)	#	0
23	90	0	Branch always to		1
24	96	109	Pusher (Article)	#	0
25	90	0	Branch always to		1
26	151	0	Automatic		0
27	90	0	Branch always to		1
28	151	1	Manual		0
29	90	0	Branch always to		1
30	151	2	Transport		0
31	90	0	Branch always to		1
32	124	3	Label– Position (+)		1
33	90	0	Branch always to		1

34	124	4	Label– Position (–)	1
35	90	0	Branch always to	1
36	122	5	Applicator force (+)	1
37	90	0	Branch always to	1
38	122	6	Applicator force (–)	1
39	58	0	TRANSMIT TO HOST	899.04
40	90	0	Branch always to	1



Entering # in the attribute column indicates that the values entered by the operator for unit price and tare will be stored as the machine values.

Labelling program no. 101 Totals 1, 2 and 3

Enables totals 1, 2 and 3 and initiates printing of totals labels. Use function code 96–101 to call up this program.

Labe	Labelling Program No. 101								
line	code	sub code	Description	Attribute	Value				
1	55	1	Enable total 1		1				
2	55	2	Enable total 2		1				
3	55	3	Enable total 3		1				
4	3	5	Return to previous menu		0				

Labelling program no. 102 Unit price and tare

Enables unit price and tare. Changed values are not stored. Use function code 96–102 to call up this program.

Labe	Labelling Program No. 102							
line	code	sub code	Description	Attribute	Value			
1	62	0	Unit price		0			
2	63	0	Tare		0			
3	3	5	Return to previous menu		0			

Labelling program no. 103 Pre-set totals

Enables pre–set totals and display values. Changed pre–set values are not stored. Use function code 96–103 to call up this program.

Labelling Program No. 103							
line	code	sub code	Description	Attribute	Value		
1	80	2	Set No. of Packs in a box		0		
2	80	4	No. of boxes on a pallet		0		
3	81	1	Display accumulated weight of packs in a box		0		
4	81	2	Display accumulated no of packs in box		0		
5	81	3	TOTAL1 PACK PRICE		0		
6	3	5	Return to previous menu		0		

Labelling program no. 104 subroutine for Minus/Non add functions

This program includes the minus function and is used in labelling program 50. Use function code 96–104 to call up this program.

 \bigwedge

You may not edit this program.

Labelling Program No. 104							
line	code	sub code	Description	Attribute	Value		
1	200	0	Operator info		900.03		
2	90	6	Branch if key x to	1	4		
3	90	6	Branch if key x to	0	5		
4	4	0	MINUS		0		
5	3	5	Return to previous menu		0		

Labelling program no. 105 Fast data input

This program is for fast data input and is used in labelling program 50. Use function code 96–105 to call up this program.

Values for unit price and tare changed by the operator are stored in the system for subsequent use and are marked # in the attribute column.



You may not edit this program.

Labelling Program No. 105						
line	code	sub code	Description	Attribute	Value	
1	88	4	PASSWORD		98	
2	95	1	Ignore operation mode		5	
3	68	0	Renew screen		0	
4	200	0	Operator info		553.07	
5	3	2	Repeat last key		0	
6	60	0	PLU No		0	
7	90	5	Branch if key F to		11	
8	62	0	Unit price	#	0	
9	63	0	Tare	#	0	
10	90	0	Branch always to		5	
11	3	3	Return to start		0	

Labelling program no. 106 Display totals 1 and 2

This program enables the totals values for totals 1 and 2. Use function code 96–106 to call up this program.

Labe	Labelling Program No. 106							
line	code	sub code	Description	Attribute	Value			
1	81	1	Display accumulated weight of packs in a box		0			
2	81	2	Display accumulated no of packs in box		0			
3	81	3	TOTAL1 PACK PRICE		0			
4	81	4	Display the no. of boxes packed		0			
5	3	5	Return to previous menu		0			

Labelling program no. 107 Display totals 1

This program enables and displays the totals values for total 1. Use function code 96–107 to call up this program.

Labe	Labelling Program No. 107							
line	code	sub code	Description	Attribute	Value			
1	81	1	Display accumulated weight of packs in a box		0			
2	81	2	Display accumulated no of packs in box		0			
3	81	3	TOTAL1 PACK PRICE		0			
4	3	5	Return to previous menu		0			

Labelling program no. 108 Saving applicator settings to machine

This program saves any changes made to the applicator settings, by the operator, for subsequent use. Use function code 96–108 to call up this program.



You may not edit this program.

Labe	Labelling Program No. 108							
line	code	sub code	Description	Attribute	Value			
1	122	2	Applicator force/machine	#	0			
2	124	2	Label Position/machine	#	0			
4	3	5	Return to previous menu		0			

Labelling program no. 109 Saving applicator settings to PLU

This program saves any changes made to the applicator settings, by the operator, for use only with the selected PLU. Use function code 96–109 to call up this program.



You may not edit this program.

Labe	Labelling Program No. 109						
line	code	sub code	Description	Attribute	Value		
1	122	1	Applicator force/PLU	#	0		
2	124	1	Label Position/PLU	#	0		
4	3	5	Return to previous menu		0		

4.5 Default labelling programs

Several labelling programs and function packages have been pre–programmed for you. You can use them as they are or adapt them to your own requirements.

Labelling program no. 11

Operator entered unit price and tare. Both values stored.

Labe	Labelling Program No. 11						
line	code	sub code	Description	Attribute	Value		
1	62	0	Unit price	#	0		
2	63	0	Tare	#	0		

NOTE: Entering # in the attribute column indicates that the values entered by the operator for unit price and tare will be stored as the machine values.

Labelling program no. 12

Operator entered unit price and tare. Values are **NOT** stored.

Labe	Labelling Program No. 12						
line	e code sub code Description				Value		
1	62	0	Unit price		0		
2	63	0	Tare		0		

Labelling program no. 14

Operator entered unit price and tare. Both values stored.

Operator may enter the number of packs required to fill a box and the number of boxes to fill a pallet.

Labe	Labelling Program No. 14					
line	code	sub code	Description	Attribute	Value	
1	62	0	Unit price	#	0	
2	63	0	Tare	#	0	
3	80	2	Set No. of Packs in a box			
4	80	4	No. of boxes on a pallet			

Labelling program no. 15

Operator entered unit price and tare. Both values stored.

Operator may enter the number of packs required to fill a box and the number of boxes to fill a pallet.

Labe	Labelling Program No. 15				
line	code	sub code	Description	Attribute	Value
1	62	0	Unit price	#	0
2	63 0 Tare	#	0		
3	80	2 Set No. of Packs in a box			
4	80	4	No. of boxes on a pallet		
5	81	2	Display accumulated no of packs in box		
6	81	1	Display accumulated weight of packs in a box		
7	81	4	Display the no. of boxes packed		

Labelling program no. 41, 42, 43, 44

Sort by weight

These function packages allow you to define the labelling method according to the weight of the product. Choose the one that uses the sorting function you require for the commodity to be labelled.

There are four sorting functions. The following table defines the inputs required when creating the PLU and the way labelling operates for each sorting code. For sort types 1 and 2 you must enter the lower and upper weight limits. For sort types 3 and 4 you must also enter the nominal printed weight value (fixed weight value).

Value (Type of sorting)	Input (During PLU Create/Edit)	Labelling (Below lower weight limit)	Labelling (Weight between lower and upper weight limits)	Labelling (Above upper weight limit)
1	Lowest weight Highest weight	Yes (normal)	No	Yes (normal)
2	Lowest weight Highest weight	No	Yes (normal)	No
3	Lowest weight Highest weight	No	Yes (fix weight)	No
4	Lowest weight Highest weight Fix weight	Yes (normal)	Yes (fix weight)	Yes (normal)

4 Labelling programs

Examples

Example 1:

Type of sorting no.1	
Lower weight limit	0.995kg
Upper weight limit	1.005kg

Packages with weights below the lower weight limit or above the upper weight limit will be labelled as normal. Packages with weights between the lower and upper limits will not be labelled.

Labe	Labelling Program No. 41						
line	code	sub code	Description	Attribute	Value		
1	102	0	Sort type no.		1		

Example 2:

Type of sorting no.2	
Lower weight limit	1.495kg
Upper weight limit	1.505kg

Packages with weights below the lower weight limit or above the upper weight limit will not be labelled. Packages with weights between the lower and upper limits will be labelled as normal.

Labelling Program No. 42						
	line	code	sub code	Description	Attribute	Value
	1	102	0	Sort type no.		2

Example 3:

Type of sorting no.3	
Lower weight limit	0.595kg
Upper weight limit	0.605kg
Fixed weight	0.600kg
i meen mengint	ereering

Packages with weights below the lower weight limit or above the upper weight limit will not be labelled. Packages with weights between the lower and upper limits will be labelled with the nominal printed weight (fixed weight).

Labe	Labelling Program No. 43					
line	code	sub code	Description	Attribute	Value	
1	102	0	Sort type no.		3	

Example 4:

Type of sorting no.4	
Lower weight limit	1.320kg
Upper weight limit	1.330kg
Fixed weight	1.325kg

Packages with weights below the lower weight limit or above the upper weight limit will be labelled as normal. Packages with weights between the lower and upper limits will be labelled with the nominal printed weight (fixed weight).

Labe	elling Pr	ogram No.	44		
line	code	sub code	Description	Attribute	Value
1	102	0	Sort type no.		4

NOTE: Entering F in the attribute column fixes the value, that is, the type of sorting remains as type 4. The operator may view the type of sort but not alter it. This applies to all sort modes 1, 2, 3 and 4.

4.6 Creating a label program

To create a label program you will need to know the function codes for the functions you want to include in the program. You will find a list of functions and codes in Section 2.

The example below shows how to create a simple labelling program using the standard mode (3 - 0).



1

You can save at any time by pressing F3 PROGRAMMING AND SERVICE MENU Avery Berkel

7	1 2 3 4 5 6 7 7 8	MAIN MENU (M) PARAMETER LIST FUNCTIONS LIST BARCODE-FORMAT COUNTRY-CODE FIELD DEFINITION LIS LABELLING-PROGRA SERVICE DATA MANA			vy Borkal)
option	PROGR LINE 1 2 3 4 5 6	AM NO. FUNCTION CODE 	DESCRIPTION	ATTR 	VALUE
2 2 Labelling program	PROGF LINE 1 2 3 4 5	BELLING PR RAM NO. 2 FUNCTION CODE	DESCRIPTION	ATTR	VALUE
6	6			_	

3		BELLIN	G PRC	GRAM	Ave	ery Berkel
3	PROGR LINE	AM NO. FUNCTION	2 I CODE	DESCRIPTION	ATTR	VALUE
5	1	3			-	
function code	2 3				_	
	4				-	
E	5 6				_	
(4)	LA	BELLIN	G PRC	GRAM	Ave	ery Berkel
	PROGR	RAM NO.	2			
	LINE	FUNCTIO	NCODE	DESCRIPTION	ATTR	VALUE
	1	3	0	STANDARD MODE	-	0
sub code	3				_	
	4				_	
E	5				-	
	0				_	
5 F5		BELLIN AM NO.	G PRC	GRAM	Ave	ery Berkel)
5 F5	PROGR	BELLIN AM NO. FUNCTION			ATTR	VALUE
5 F5 create line space	PROGR	BELLING AM NO. FUNCTION	G PRC ² CODE 0	DGRAM DESCRIPTION	ATTR – –	VALUE
5 F5 create line space	PROGR LINE 1 2 3	BELLIN AM NO. FUNCTION	G PRC 2 NCODE 0	DGRAM DESCRIPTION	ATTR 	••• Berke) VALUE 0
5 F5 create line space	PROGR LINE 1 2 3 4 5	BELLIN AM NO. FUNCTION 3 	G PRC 2 I CODE 	DGRAM DESCRIPTION	ATTR 	VALUE 0
5 F5 create line space	PROGR LINE 1 2 3 4 5 6	BELLIN AM NO. FUNCTION 3 	G PRC 2 ICODE 	DGRAM DESCRIPTION STANDARD MODE	ATTR 	VALUE 0
5 F5 create line space	PROGR LINE 1 2 3 4 5 6	BELLIN AM NO. FUNCTION 3 	G PRC 2 NCODE 0 	DESCRIPTION STANDARD MODE	ATTR	VALUE 0
5 F5 create line space	LINE 1 2 3 4 5 6	BELLING AM NO. FUNCTION 3 BELLING	G PRC 2 1CODE 0 G PRC 2	DGRAM	ATTR 	ry Berkel) VALUE
5 F5 create line space	PROGR LINE 1 2 3 4 5 6	BELLING AM NO. FUNCTION 3 BELLING AM NO. FUNCTION	G PRC 2 1CODE 0 G PRC 2 1CODE	DGRAM DESCRIPTION	ATTR -	YY Berten) VALUE yy Berten)
5 F5 create line space	LINE PROGR LINE 1 2 3 4 5 6 LINE 1	BELLING AM NO. FUNCTION 3 BELLING AM NO. FUNCTION 63	G PRC 2 1CODE G PRC 2 1CODE	DGRAM DESCRIPTION	ATTR	YY Berke) VALUE YY Berke) VALUE
5 F5 create line space	PROGR LINE 1 2 3 4 5 6 V PROGR LINE 1 2	BELLING FUNCTION BELLING AM NO. FUNCTION 63 3	G PRC 2 1CODE G PRC 2 1CODE 	DGRAM DESCRIPTION	ATTR	TY Bertel) VALUE TY Bertel) VALUE 0
5 F5 create line space	PROGR LINE 1 2 3 4 5 6 6 PROGR LINE 1 2 3 4	BELLING FUNCTION BELLING AM NO. FUNCTION 63 3 	G PRC 2 1CODE G PRC 2 1CODE 	DGRAM DESCRIPTION	ATTR	YY Berten) VALUE 0 yy Berten) YALUE 0 0
5 F5 create line space	LINE 1 2 3 4 5 6 PROGR LINE 1 2 3 4 5	BELLING AM NO. FUNCTION 3 BELLING AM NO. FUNCTION 63 3 	G PRC 2 1 1 1 1 1 1 1 1 1 1 1 1 1	DGRAM DESCRIPTION	ATTR	YY Bertel) VALUE 0 YY Bertel) VALUE 0 0
5 F5 create line space	LA PROGR LINE 1 2 3 4 5 6 PROGR LINE 1 2 3 4 5 5 6	BELLING AM NO. FUNCTION BELLING AM NO. FUNCTION 63 3 	G PRC 2 1 CODE G PRC 2 1 CODE -	DGRAM	ATTR	ry Berke)

7 0		OGRAM	Ave	ry Berkel
sub code	PROGRAM NO. 2 LINE FUNCTION CODE 1 63 0 2 3 0 3	DESCRIPTION TARE STANDARD MODE	ATTR 	VALUE 0
8 F5 create line space	Image: Label Ling PROGRAM NO. 2 Line FUNCTION CODE 1 2 63 0 3 3 0 4	DGRAM DESCRIPTION	ATTR	vy Berke) VALUE 0 0
9 6 2 function code	Image: Label Ling PROPROGRAM NO. 2 LINE FUNCTION CODE 1 62 2 63 0 3 3 0 4	DGRAM DESCRIPTION	ATTR	Y Berkel) VALUE 0

				Ave	erv Berkel
FJ	PROGR	AM NO. 2			
$\langle \mathcal{F} \rangle$	LINE	FUNCTION CODE	DESCRIPTION	ATTR	VALUE
create line space	1	 62 0		-	
	2	63 0	TARE	-	0
	4	3 0	STANDARD MODE	_	0
	5			-	
	6			-	
		BELLING PR	OGRAM	Ave	ery Berkel
	PROGR	AM NO. 2	DECODURTION		
	LINE	FUNCTION CODE	DESCRIPTION	ATTR	VALUE
function code	2	62 0	UNIT PRICE	-	0
	3	63 0	TARE	_	0
E	4	3 0	STANDARD MODE	-	0
	5			-	
16	6			-	
13					
13 0		BELLING PR	OGRAM	Ave	ery Berkel
130	PROGR	BELLING PR	OGRAM	Ave	ery Berkel)
13 0	PROGR	BELLING PR RAM NO. 2 FUNCTION CODE		ATTR	ery Berkel) VALUE
	PROGR	BELLING PR RAM NO. 2 FUNCTION CODE 60 0 62 0	OGRAM DESCRIPTION	ATTR	VALUE
13 0 sub code	PROGR LINE 1 2 3	BELLING PR AM NO. 2 FUNCTION CODE 0 60 0 62 0 63 0	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE	ATTR – –	ery Berkel) VALUE 0 0
13 0 sub code	PROGR LINE 1 2 3 4	BELLING PR AM NO. 2 FUNCTION CODE 0 60 0 62 0 63 0 3 0	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE STANDARD MODE	ATTR	VALUE 0 0 0
13 0 sub code	PROGR LINE 1 2 3 4 5	BELLING PR AM NO. 2 FUNCTION CODE 60 60 0 62 0 63 0 3 0	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE STANDARD MODE	ATTR	VALUE 0 0 0
13 0 sub code E x3	PROGR LINE 1 2 3 4 5 6	BELLING PR RAM NO. 2 FUNCTION CODE 60 60 0 62 0 63 0 3 0	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE STANDARD MODE	ATTR 	VALUE 0 0 0
13 o sub code E x3	LA PROGE LINE 1 2 3 4 5 6	BELLING PR RAM NO. 2 FUNCTION CODE 60 60 0 62 0 63 0 3 0	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE STANDARD MODE 	ATTR 	VALUE 0 0 0
13 o sub code E x3	PROGR LINE 1 2 3 4 5 6	BELLING PR AM NO. 2 FUNCTION CODE 0 60 0 62 0 63 0 3 0	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE STANDARD MODE 	ATTR 	• • • • • • • • • • • • • • • • • • •
13 o sub code E x3	LA PROGF LINE 1 2 3 4 5 6	BELLING PR AM NO. 2 FUNCTION CODE 60 0 62 0 63 0 3 0 BELLING PR	OGRAM PLU NO. UNIT PRICE TARE STANDARD MODE	- - - - - - -	ery Berka) VALUE 0 0 0
13 0 sub code E x3 14 F3	PROGR LINE 1 2 3 4 5 6	BELLING PR AM NO. 2 FUNCTION CODE 60 0 62 0 63 0 3 0 BELLING PR AM NO. 2	OGRAM PLU NO. UNIT PRICE TARE STANDARD MODE	ATTR 	ery Berka) VALUE 0 0 0 ery Berka)
13 o sub code E x3	PROGR LINE 1 2 3 4 5 6	BELLING PR AM NO. 2 FUNCTION CODE 60 0 62 0 63 0 3 0 BELLING PR MAM NO. 2 FUNCTION CODE 62 0	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE STANDARD MODE 	ATTR ATTR	
13 o sub code E x3	PROGR LINE 1 2 3 4 5 6 PROGR LINE 1 2	BELLING PR AM NO. 2 FUNCTION CODE 60 0 60 0 63 0 63 0 3 0 BELLING PR M NO. 2 FUNCTION CODE 63 0 3 0	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE STANDARD MODE OGRAM DESCRIPTION TARE STANDARD MODE	ATTR	TY Bark(1) VALUE 0
13 o sub code E x3	PROGR LINE 1 2 3 4 5 6 PROGR LINE 1 2 3	BELLING PR FUNCTION CODE 60 0 62 0 63 0 3 0 BELLING PR MNO. 2 FUNCTION CODE 63 0 3 0	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE STANDARD MODE OGRAM DESCRIPTION TARE STANDARD MODE	ATTR	TY Berk(1) VALUE 0 0 0 0 0 0 0 0 0 TY Berk(1) TY Berk(1) VALUE 0 0 0 0 0 0 0 0 0 0
13 o sub code E x3	LINE 1 2 3 4 5 6 C	BELLING PR AM NO. 2 FUNCTION CODE 60 0 62 0 63 0 3 0 BELLING PR AM NO. 2 FUNCTION CODE 63 0 3 0 63 0 3 0 SAVF	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE STANDARD MODE OGRAM DESCRIPTION TARE STANDARD MODE	ATTR 	TY Barka)
13 o sub code E x3	LA PROGF LINE 1 2 3 4 5 6 LINE 1 2 3 4 PROGR LINE 1 2 3 4 5 6	BELLING PR AM NO. 2 FUNCTION CODE 60 0 62 0 63 0 3 0 BELLING PR AM NO. 2 FUNCTION CODE 63 0 3 0 SAVE	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE STANDARD MODE DESCRIPTION TARE STANDARD MODE PLU NO. TARE ST	ATTR ATTR 	ary Bark(2) Image: Constraint of the second se
13 o sub code E x3	LA PROGF LINE 1 2 3 4 5 6 V LA PROGR LINE 1 2 3 4 5 5 6	BELLING PR AM NO. 2 FUNCTION CODE 60 0 62 0 63 0 3 0 BELLING PR AM NO. 2 FUNCTION CODE 63 0 3 0 63 0 3 0 	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE STANDARD MODE DESCRIPTION TARE STANDARD MODE PLUNO. TARE STANDARD MODE PLUNC. TA	ATTR 	

15	1	
	1	

PROGR	BELLII AM NO.			Ave	ery Berkel
LINE	FUNCTIO	ON CODE	DESCRIPTION	ATTR	VALUE
1				_	
2				_	
3				-	
4				-	
5				-	
0				-	

4.7 Customising a labelling program

You can customise a labelling program to satisfy your own requirements. The following example shows how you can add functions to the labelling program created on pages 4–18 to 4–21 to enable pre–selected target values and totals 1, 2, and 3

To insert a line

Position the cursor in the line following where you want to insert a new line. Press $\boxed{F5}$.

Position the cursor in the number of the function you

.

To delete a line

(1) PROGRAMMING AND SERVICE MENU 1 MAIN MENU (M) 2 PARAMETER LIST **3 FUNCTIONS LIST** 4 BARCODE-FORMAT 5 COUNTRY-CODE 6 FIELD DEFINITION LIST 7 LABELLING-PROGRAM 8 SERVICE DATA MANAGEMENT (M) LABELLING PROGRAM Avery Berkel 7 PROGRAM NO. LINE FUNCTION CODE DESCRIPTION ATTR VALUE _ _ _ _ _ _ _ _ _ _____ _ option 2 _ _ _ ____ _____ ___ 3 ____ _ _ _ _ 6 ___

want to delete. Press | F1

					Ave	ry Berkel
			2 I IXX			
	FROG			DESCRIPTION	ATTD	
	LINE	FUNCTION	CODE	DESCRIPTION	ALIK	VALUE
Labelling program	1	60	0	PLU NO.	-	
Lasoning program	2	62	0		-	0
	3	63	0		-	0
	4	3	0	STANDARD MODE	-	0
	5				-	
155	6				-	
3						
		BELLING	PRC		Ave	ery Berkel
	PROGE	RAM NO.	2			
5-5		FUNCTION	CODE	DESCRIPTION	ATTR	VALUE
	1	60	0	PLUNO		
position cursor		62	0		-	0
	3	63	0		-	0
	4	3	0	STANDARD MODE	-	0
	5	U	•		-	č
	6				_	
	1				_	
(4) [5]						
4 F5		BELLING	B PRC	OGRAM	Ave	ery Berkel
4 F5	PROGF	BELLING	B PRC	OGRAM	Ave	ery Berkel)
4 F5	PROGF	BELLING			ATTR	rry Berke) VALUE
4 F5	PROGF	BELLING RAM NO. FUNCTION (60	6 PRC 2 CODE 0	DGRAM DESCRIPTION PLU NO.	ATTR	value
4 F5	PROGE LINE	BELLING RAM NO. FUNCTION 60 62	B PRC 2 CODE 0 0	DGRAM DESCRIPTION PLU NO. UNIT PRICE	ATTR	VALUE
4 F5	PROGF LINE 1 2 3	BELLING RAM NO. FUNCTION 60 62 63	B PRC 2 CODE 0 0 0	DGRAM DESCRIPTION PLU NO. UNIT PRICE TARE	ATTR 	VALUE 0
4 F5	PROGF LINE 1 2 3 4	BELLING RAM NO. 5 FUNCTION 6 60 62 63	B PRC 2 CODE 0 0 0 0 0 0	DGRAM DESCRIPTION PLU NO. UNIT PRICE TARE	ATTR	value 0 0
4 F5	PROGF LINE 1 2 3 4 5	BELLING RAM NO. 2 FUNCTION 0 60 62 63 3	B PRC 2 CODE 0 0 0 0 0	DGRAM DESCRIPTION PLU NO. UNIT PRICE TARE STANDARD MODE	ATTR	value 0 0 0
4 F5	PROGF LINE 1 2 3 4 5 6	BELLING RAM NO. 5 FUNCTION 0 60 62 63 3 	B PRC 2 CODE 0 0 0 0 0 	DGRAM DESCRIPTION PLU NO. UNIT PRICE TARE STANDARD MODE	ATTR 	VALUE 0 0 0 0 0
4 F5	PROGF LINE 1 2 3 4 5 6 7	BELLING RAM NO	B PRC 2 CODE 0 0 0 0 0 	DGRAM DESCRIPTION PLU NO. UNIT PRICE TARE STANDARD MODE	ATTR 	VALUE 0 0 0
4 F5	PROGF LINE 1 2 3 4 5 6 7	BELLING RAM NO	B PRC 2 CODE 0 0 0 0	DGRAM DESCRIPTION PLU NO. UNIT PRICE TARE STANDARD MODE	ATTR	VALUE 0 0 0 0 0 0
4 F5	PROGE LINE 1 2 3 4 5 6 7	BELLING RAM NO. : FUNCTION (60 62 63 3 3 	B PRC 2 CODE 0 0 0 0 	DGRAM DESCRIPTION PLU NO. UNIT PRICE TARE STANDARD MODE	ATTR	VALUE 0 0 0 0
4 F5 5 8 0	■ LA PROGF LINE 1 2 3 4 5 6 7	BELLING RAM NO	B PRC 2 CODE 0 0 0 0 0 0 0 0 0 0 0 0 0	DGRAM DESCRIPTION PLU NO. UNIT PRICE TARE STANDARD MODE STANDARD MODE	ATTR 	ry Berke) VALUE 0 0 0 0 0 0 0 0 0 0 0 0
4 F5 5 8 0	PROGF LINE 1 2 3 4 5 6 7	BELLING RAM NO. 5 FUNCTION (60 62 63 3 BELLING RAM NO. 2	PRC 2 CODE 0 0 0 0 PRC 2	DGRAM	ATTR	YY Berke) VALUE 0 0
4 F5 5 8 0	PROGE LINE 1 2 3 4 5 6 7	BELLING RAM NO. 2 FUNCTION (60 62 63 3 BELLING RAM NO. 2 FUNCTION (B PRC 2 CODE 0 0 0 D D D D D D D D	DGRAM DESCRIPTION PLU NO. UNIT PRICE TARE STANDARD MODE GRAM	ATTR	Y Berkel) VALUE 0 0 0 0 0
4 F5 5 8 0	PROGF LINE 1 2 3 4 5 6 7 7	BELLING AM NO. 5 FUNCTION 6 60 62 63 3 BELLING AM NO. 2 FUNCTION 6 60	B PRC 2 CODE 0 0 0 0 0 0 CODE 2 CODE 0 2 CODE 0 0 0 0 0 0 0 0 0 0 0 0 0	DGRAM	ATTR	VALUE 0
4 F5 5 8 0 function code	LA PROGF LINE 1 2 3 4 5 6 7	BELLING 60 62 63 3 BELLING 84M NO. 2 FUNCTION 0 60 62	PRC 2 CODE 0 0 0 0 0 0 CODE CODE 0 0	DGRAM DESCRIPTION PLU NO. UNIT PRICE TARE STANDARD MODE STANDARD MODE DESCRIPTION PLU NO. UNIT PRICE	ATTR	TY Perket) VALUE 0 0 0 0 0 0 0 0 0 0 VALUE 0
4 F5 5 8 0 function code	LA PROGF LINE 1 2 3 4 5 6 7 7 LA PROGF LINE 1 2 3	BELLING AM NO. 2 FUNCTION 60 62 63 3 BELLING RAM NO. 2 FUNCTION 60 62 63	PRC 2 CODE 0 0 0 0 0 CODE 0 0 0 0 0 0	DGRAM DESCRIPTION PLU NO. UNIT PRICE TARE STANDARD MODE DESCRIPTION PLU NO. UNIT PRICE TARE	ATTR	TY Berkel VALUE 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 VALUE 0 0
4 F5 5 8 0 function code	LA PROGF LINE 1 2 3 4 5 6 7 V LA PROGF LINE 1 2 3 4	BELLING AM NO. 5 FUNCTION (60 62 63 3 BELLING AM NO. 2 FUNCTION (60 62 63 80	B PRC 2 CODE 0 0 0 0 0 0 CODE 0 0 0 0 0 0 0 0 0 0 0 0 0	DGRAM	ATTR	TY Berkel VALUE 0 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 VALUE - 0 0
4 F5 5 8 0 function code	LA PROGF LINE 1 2 3 4 5 6 7 V LA PROGF LINE 1 2 3 4 5	BELLING AM NO. 5 FUNCTION (60 62 63 BELLING AM NO. 2 FUNCTION (60 62 63 80 3	B PRC 2 CODE 0 0 0 0 0 B PRC 2 CODE 0 0 0 0 0 0 CODE 0 0 0 0 0 0 0 0 0 0 0 0 0	DGRAM DESCRIPTION PLU NO. UNIT PRICE TARE STANDARD MODE DESCRIPTION PLU NO. UNIT PRICE TARE STANDARD MODE TARE STANDARD MODE	ATTR	TY Berke) VALUE 0 0 0 0 VALUE VALUE 0 0 0 0 0 0 0 0 0 0 0 0 0
4 F5 5 8 0 function code	LA PROGF LINE 1 2 3 4 5 6 7 PROGF LINE 1 2 3 4 5 6	BELLING AM NO. 5 FUNCTION (60 62 63 BELLING AM NO. 2 FUNCTION (60 62 63 80 3	B PRC 2 CODE 0 0 0 0 0 0 0 0 CODE 0 CODE 0 0 0 0 0 0 0 0 0 0 0 0 0	DGRAM	ATTR -	ry Berka) VALUE 0 vy Berka) VALUE 0 0 0 0 0 0 0 0
4 F5 5 8 0 function code	LINE 1 2 3 4 5 6 7 LINE 1 2 3 4 PROGF LINE 1 2 3 4 5 5 6 7	BELLING RAM NO. 5 FUNCTION (60 62 63 BELLING RAM NO. 2 FUNCTION (60 62 63 80 3 	B PRC 2 CODE 0 0 0 B PRC 2 CODE 0 0 0 0 0 0 0 CODE 0 0 0 CODE 0 0 0 0 0 CODE 0 0 0 0 0 CODE 	DGRAM DESCRIPTION PLU NO. UNIT PRICE TARE STANDARD MODE DESCRIPTION PLU NO. UNIT PRICE TARE STANDARD MODE STANDARD MODE	ATTR	YY Berket) VALUE 0 0 0 0 0 0 VALUE 0 0 0

6						
2		BELLIN	G PR	OGRAM	Aver	y Berkel
	PROGR	AM NO. FUNCTIO	2 N CODE	DESCRIPTION	ATTR	
		60	0	PLU NO.		
sub code	2	62	0	UNIT PRICE	_	0
	3	63	0	TARE	_	0
	4	80	2	Pre-set no. of packs in box	-	
	5	3	0	STANDARD MODE	-	0
	6 7				-	
					_	
7						
		BELLIN	G PR		Aver	y Berkel
	PROGR	AM NO.	2	DECODIDITION		
	LINE	FUNCTION	NCODE	DESCRIPTION	ALIR	VALUE
	1	60 62	0	PLU NO.	-	
	2	63	0		-	0
position cursor	4	80	2	Pre-set no. of packs in box	_	
	5	3	0	STANDARD MODE	_	0
	6				_	
	7				-	
	8				_	
	-					
• F5		BELLIN		OGRAM	Aver	ry Berkel
• F5	PROGR	BELLIN AM NO.				val LIE
• F5	PROGR	BELLIN AM NO. FUNCTIO			Aver ATTR	vy Berkel) VALUE
• F5	PROGR	BELLIN AM NO. FUNCTIO 60 62	IG PR	OGRAM DESCRIPTION	ATTR –	vy Berke) VALUE 0
• F5	PROGR	BELLIN AM NO. FUNCTIO 60 62 63	2 N CODE 0 0 0	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE	ATTR 	VALUE
F5	PROGR LINE 1 2 3 4	BELLIN AM NO. FUNCTIO 60 62 63 80	2 N CODE 0 0 2 2	DESCRIPTION PLU NO. UNIT PRICE TARE Pre-set no. of packs in box	ATTR 	VALUE 0 0
F5	PROGR LINE 1 2 3 4 5	BELLIN AM NO. FUNCTIO 60 62 63 80	IG PR 2 N CODE 0 0 0 2 2 	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE Pre-set no. of packs in box	Ave ATTR 	VALUE 0 0
F5	PROGR LINE 1 2 3 4 5 6	BELLIN AM NO. FUNCTIO 60 62 63 80 3	G PR 2 N CODE 0 0 2 2 	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE Pre-set no. of packs in box STANDARD MODE	Ave ATTR 	VALUE 0
F5	PROGR LINE 1 2 3 4 5 6 7 8	BELLIN AM NO. FUNCTIO 60 62 63 80 3	G PR 2 N CODE 0 0 2 2 0 	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE Pre-set no. of packs in box STANDARD MODE	ATTR 	V Berke) VALUE 0 0 0 0 0
F5	LA PROGR LINE 1 2 3 4 5 6 7 8	BELLIN FUNCTIO 60 62 63 80 3 	G PR 2 N CODE 0 0 2 0 	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE Pre-set no. of packs in box STANDARD MODE	Attra 	VALUE 0 0 0 0 0 0 0 0 0 0 0 0
F5	LA PROGR LINE 1 2 3 4 5 6 7 8	BELLIN FUNCTIO 60 62 63 80 3 	G PR 2 N CODE 0 0 2 2 0	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE Pre-set no. of packs in box STANDARD MODE	ATTR	VALUE 0 0
9 9 9 9	LA PROGR LINE 1 2 3 4 5 6 7 8	BELLIN FUNCTIO 60 62 63 80 3 BELLIN	G PR 2 N CODE 0 0 2 0 G PR	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE Pre-set no. of packs in box STANDARD MODE STANDARD MODE OGRAM	ATTR 	y Berke)
9 8 0	LA PROGR LINE 1 2 3 4 5 6 7 8 LA PROGR	BELLIN FUNCTIO 60 62 63 80 3 BELLIN AM NO.	S PR N CODE 0 0 2 0 G PR (2	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE Pre-set no. of packs in box STANDARD MODE STANDARD MODE OGRAM	ATTR	y Berke) VALUE 0 0 0 0 0 0 0 0 0 0 0 0
9 8 0	LA PROGR LINE 1 2 3 4 5 6 7 8	BELLIN FUNCTIO 60 62 63 80 3 BELLIN AM NO. FUNCTIO	IG PR 2 N CODE 0 0 2 0 2 0 G PR 2 N CODE	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE Pre-set no. of packs in box STANDARD MODE STANDARD MODE OGRAM	ATTR	VALUE VALUE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
9 8 8	LA PROGR LINE 1 2 3 4 5 6 7 8 LA PROGR LINE 1 1 1 1 1 1 1 1 1 1 1 1 1	BELLIN FUNCTIO 60 62 63 80 3 BELLIN AM NO. FUNCTION 60	IG PR 2 N CODE 0 0 2 0 2 0 G PR 2 N CODE 0 0 2 0 0 0 0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE Pre-set no. of packs in box STANDARD MODE STANDARD MODE OGRAM DESCRIPTION PLU NO.	ATTR	y Berke) VALUE 0 0 0 0 0 0 0 0 0 0 0 0 0 0
9 function code	LA PROGR LINE 1 2 3 4 5 6 7 8	BELLIN FUNCTIO 60 62 63 80 3 BELLIN AM NO. FUNCTION 60 62	IG PR 2 N CODE 0 0 2 0 2 0 G PR 2 N CODE 0 0 0 0 0 0 0 0 0 0 0 0 0	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE Pre-set no. of packs in box STANDARD MODE STANDARD MODE OGRAM DESCRIPTION PLU NO. UNIT PRICE	ATTR	y Berke) VALUE 0 0 0 0 0 0 0 0 0 0 0 VALUE 0 0 0 0 0 0 0 0 0 0
9 function code	LA PROGR LINE 1 2 3 4 5 6 7 8 8 NOGR LINE 1 2 3	BELLIN FUNCTIO 60 62 63 80 BELLIN AM NO. FUNCTION 60 62 63 82 82 83 83 80 85 80 	G PR 2 N CODE 0 0 2 0 2 G PR 2 N CODE 0 0 0 0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE Pre-set no. of packs in box STANDARD MODE STANDARD MODE OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE	ATTR	Y Berkel VALUE 0 0 0 0 0 0 0 0 VALUE 0 VALUE 0
9 function code	LA PROGR LINE 1 2 3 4 5 6 7 8 8 PROGR LINE 1 2 3 4 5 7 8	BELLIN FUNCTIO 60 62 63 80 3 5 BELLIN AM NO. FUNCTION 60 62 63 80 80	IG PR 2 N CODE 0 0 2 0 G PR 2 N CODE 0 0 2 N CODE 0 0 2 N CODE 0 0 0 2 N CODE 0 0 0 2 N CODE 0 0 0 2 N CODE 0 0 0 2 N CODE N CODE 0 0 0 2 N CODE N CODE 	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE Pre-set no. of packs in box STANDARD MODE STANDARD MODE DESCRIPTION PLU NO. UNIT PRICE TARE Pre-set no. of packs in box	ATTR	Y Berkel) VALUE
9 F5 F5 F5 F5 F5 F5 F5 F5 F5 F5	LA PROGR LINE 1 2 3 4 5 6 7 8 8 ULA PROGR LINE 1 2 3 4 5 6	BELLIN FUNCTIO 60 62 63 80 BELLIN AM NO. FUNCTION 60 62 63 80 80 80 80 80 3	IG PR 2 N CODE 0 0 2 0 CODE 0 0 2 N CODE 0 0 2 0 CODE 0 0 0 2 0 0 0 0 2 0 0 0 0 0 0 2 0 0 0 0 0 2 0 0 0 0 0 0 2 0 0 0 0 0 0 2 0 0 0 0 0 2 0 0 0 0 0 2 0 0 0 0 0 2 0 0 0 0 2 0 0 0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE Pre-set no. of packs in box STANDARD MODE DESCRIPTION PLU NO. UNIT PRICE TARE Pre-set no. of packs in box STANDARD MODE	ATTR	Y Berkel) VALUE 0 0 0 0 VBerkel) Value 0 0 VALUE 0 0 0 0 0 0 0 0 0 0 0 0 0
9 8 function code	LA PROGR LINE 1 2 3 4 5 6 7 8 PROGR LINE 1 2 3 4 5 6 7	BELLIN FUNCTIO 60 62 63 80 3 5 BELLIN AM NO. FUNCTION 60 62 63 80 80 80 3 	IG PR 2 N CODE 0 0 2 0 G PR 2 N CODE 0 0 0 2 0 0 0 0 0 0 0 0 0 2 0 0 0 0 0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE Pre-set no. of packs in box STANDARD MODE DESCRIPTION PLU NO. UNIT PRICE TARE Pre-set no. of packs in box STANDARD MODE STANDARD MODE	ATTR	Y Borkel) VALUE 0 0 0 0 0 0 0 VALUE 0
9 8 function code	LA PROGR LINE 1 2 3 4 5 6 7 8 PROGR LINE 1 2 3 4 5 6 7 8	BELLIN FUNCTIO 60 62 63 80 BELLIN AM NO. FUNCTION 60 62 63 80 80 3 	IG PR 2 N CODE 0 0 2 0 G PR 2 N CODE 0 0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	OGRAM DESCRIPTION PLU NO. UNIT PRICE TARE Pre-set no. of packs in box STANDARD MODE STANDARD MODE DESCRIPTION PLU NO. UNIT PRICE TARE Pre-set no. of packs in box STANDARD MODE STANDARD MODE	ATTR	Y Borkel) VALUE 0 0 0 0 VBORE VALUE 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

	PROGR	BELLII RAM NO. FUNCTIO		DESCRIPTION PLU NO.	Aver ATTR	y Berkel) VALUE
sub code	2 3 4	62 63 80	0 0 2	UNIT PRICE TARE Pre-set no. of packs in boy		0 0
E X3	5 6 7 8	80 3 	4 0 	Pre-set no. of boxes on pa STANDARD MODE	llet _ - - -	0
Repeat steps 7 to 1	0 until	you hav	ve ente	red all the function	ns you	require
11 F3			NG PR	OGRAM	Ave	ry Berkel

F3		BELLING PI	ROGRAM	Ave	ry Berkel
6	LINE	FUNCTION CODE	DESCRIPTION	ATTR	VALUE
	1 2	60 0 62 0	PLU NO. UNIT PRICE		0
	3 4 5	80 2 SAVE	Pre-set no of packs in t ?Yes = 1 No = 0	-	U
	6 7 8	55 1 55 2 55 3	Enable total 1 Enable total 2 Enable total 3		1 1 1
	9	3 0	STANDARD MODE	_	0
12	PROGR	BELLING PE	ROGRAM	Aver	y Berkel)
12	PROGR	BELLING PP Am NO. FUNCTION CODE		ATTR	y Berkel) VALUE
12	PROGR LINE 1 2 3 4	BELLING PF AM NO. FUNCTION CODE	DESCRIPTION	ATTR – – – –	у Berkel) VALUE
12	PROGR LINE 1 2 3 4 5 6	BELLING PR AM NO. FUNCTION CODE	DESCRIPTION	ATTR 	y Berkel) VALUE

5 Field definition list

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5 Field definition list

The Field Definition List (FDL) is a list of all the parameters that may be used to create label formats. The Field Definition List also determines the information displayed, and inputs requested, by a PLU or customer number program.

Each field selection list must be identified by a unique number.

5.1 Field definition list

Each line of the field definition list corresponds to a field on the label format. You can create several field definition lists. The content of the field definition list specifies:

- a) the print fields to be used in a label format
- b) the inputs required when programming a PLU/customer number

c) values derived from the system.



Default field definition lists

The B806 and B901 are programmed with four default field definition lists. List number 1 is the list for standard PLUs. You can see all four default field definition lists in section 2, Standard Settings.

Attribute definitions

%

Attribute	Meaning	
а	Inputs required in the PLU section of the PLU creation process. The values will be printed on the label.	
k	Inputs required in the customer section of the PLU creation process. The values will be printed on the label.	
V	Inputs required during PLU programming (cus- tomer section) which will not be printed on the label.	

Attribute	Meaning
V	Inputs required during PLU programming (PLU section) which will not be printed on the label.
	Values will be derived from the machine operat- ing system (no operator entry required).

Field definition list no. 1

No.	Index	Description	Attribute	Format	Symbol
100	1	PLU text L.1	а		
100	to 10	PLU text L.10	а		
519	1	Ingredients 1st line	а		
519	to 6	Ingredients 6th line	а		
571	1	Date Text Line 1	а		
571	2	Date Text Line 2	а		
504	1	Fixed text 1st line			
504	to 3	Fixed text 3rd line			
30	0	System date			
32	0	Time			
33	0	Date 1	а		
34	0	Date 2	а		
35	0	Date 3	а		
12	0	Pagination number			
8	0	Unit price	а		
24	0	Unit price symbol			
11	0	Net Wt. Kg/lb			
22	0	Weight symbol			
102	0	Sort type no.	V	1.0	0
99	0	LOWER WEIGHT LIMIT	V	6.3	0
99	1	UPPER WEIGHT LIMIT	V	6.3	0
99	2	FIXED WEIGHT	v	2.0	0
21	0	Pack price			
23	0	Price symbol			
91	0	Country Code	V		
54	0	Labelling Mode	V		
36	0	Country Code	k		
37	0	Barcode EAN –13	k		
48	0	Barcode EAN –128	k		
581	1	Flag No	k		
581	2	Article No	k		
522	1	Advertising Text Line 1	k		

No.	Index	Description	Attribute	Format	Symbol
522	to 3	Advertising Text Line 3	k		
95	0	Use Labelling Program. No.	v		
9	1	PLU no. used to print: total 1	v		
9	2	PLU no. used to print: total 2	V		
9	3	PLU no. used to print: total 3	v		
9	5	PLU no. used to print: total 5	v		
150	0	Product group number	v		
124	0	Label posit. (1–255)	k		
122	0	Applicator force (1–255)	k		
126	4	CONVEYOR STOP (0–3)	k		
123	3	Convey. speed (0–2)	k		
70	0	Print No. of pkt. *1			
71	0	Print weight of *1 Kg/lb			
22	1	Tot Wt. symbol Kg/lb			
72	0	Print price *1			
23	1	Tot. Price symbol			
73	0	Print No. of pkt. *2			
74	0	Print Wt.*2 Kg/lb			
75	0	Print price *2			
76	0	Print No. of pkt. *2			
77	0	Print Wt.*3 Kg/lb			
78	0	Print price *3			
86	0	Print No. of pkt. *4			
85	0	Print Price *4			
84	0	Print Weight *4			
504	80	Fix text: No.			
504	81	Fix text: *1*			
504	82	Fix text: *2*			
504	83	Fix text: *3*			
504	84	Fix text: TOTAL			
504	85	Fix text: *4*			
·					

6 Label Formats (optional)

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6 Label Formats (optional)

6.1 How label formats work

A label format is a mask with empty fields. You specify the order, size, position, font etc for the fields when you create the label format. You can only use fields that are included in the field definition list selected for the label format. The print data (content of the fields), except for fixed texts, can be entered in the PLU Create/Edit program.

Each label format is stored under a name consisting of a format number and an index number.

Copying label formats

You may copy a label format that has an index number 0 and then edit the copy if required. You can select different fields providing they exist in the Field Definition List. You may change the label size, and move, delete or change the size of a field.

Deleting label formats

Press **F1** after you have entered the label format

name (number and index) to delete the label format.

6.2 Access to label format option

There are two routes available to the label formats option:

• Operator Menus

In the Operator Menus select the Label Format option you may require a password to be able to use the option.

• Programming and Service Menus

You can only access the programming and service menus if you have been supplied with a dongle (security device) see section 1, page 1–3.

Operator Menu route



If you see the message INCORRECT PASSWORD and

you do not know the password you can press

E	
---	--

several times to clear the message.

Press **F** to

to return to Main Men

1	MAIN MENU 1 DISK FUNCTIONS 2 PRODUCT DATA 3 LABEL FORMAT 4 SYSTEM DATA
2 3 select menu	LABEL FORMAT 1 MAIN MENU 2 CREATE/EDIT PLU 3 LABEL FORMATS (Optional) 4 CHARACTERS TO PRINTER (Optional) 5 SCANNER (Optional)
3 3 select option	PROGRAM MENU (AVERY BORKED) LABEL FORMAT 1 MAIN MENU 2 CREATE (FOIT DI II) 2 CREATE (FOIT DI II) 3 LABEL ENTER PASSWORD 4 CHARACTER'S TO PRINTER (Optional) 5 SCANNER (Optional)
4 If you see the then repeat st	e message INCORRECT PASSWORD press

5 A B 1	LABEL FORMATS
Correct password	
E	

Programming and Service Menu route

1 8 select menu	PROGRAM MENU Correction Correctio
	UNIT PRICE £/kg kg TARE kg WEIGHT 0.0000
2 8 select menu	SERVICE DATA MANAGEMENT 1 SERVICE MENU (M) 2 LOAD SYSTEM 3 LABEL FORMAT 4 LOAD DATA 5 SAVE DATA 6 ERASE DATA FILES 7 ERASE SYSTEM FILES 8 SERVICE DESIGN UTILITIES (M)



6.3 Designing Label Formats

Label sizes

Maximum width	88mm
Maximum height	100mm

Scale

The label image on the screen will be displayed full size for label format sizes up to 78mm x 80mm. For label heights greater than 80mm a smaller scale will be used.

Field selection Lists

There are four default Field Selection Lists available for you to use or you may create your own list using any of the field definitions listed in the Field Definition Lists. You can see a complete list of Field Definitions in Section 2.



Any Field Selection Lists you create must be compatible with the MX400 Data Management application software.

You may request any line from the Field Selection List for inclusion in the label format. The fields defined in the format will be automatically identified by the name (format number and index number).

A black highlight bar indicates which field has been selected. When the highlight bar is at the lowest line on

the screen each time you press

/ scrolls the

definition list upward by one line.

Key functions for field selection

\square	Move black highlight bar upwards		Move black highlight bar downwards
Caps	Move black highlight bar upwards in 10 line blocks	Caps	Move black highlight bar downwards in 10 line blocks
F10	Return to start of label format		

Key functions for editing displayed fields




6.4 Creating a new label format



Press $|_{F3}$ at any time to save the label format.

You can use any number from 1 to 255 to identify the label format. If you want to be able to copy the format you must enter 0 for the index number.

If you enter a number that has already been used, the data stored for that label format will be displayed on the screen. Press $\boxed{F10}$ to return to the start and enter a

new number.

	LABEL FORMATS (Mary Letter) Label format No.: 18 Index No.:
new label format number	•
0 E Index number	LABEL FORMATS

$\widehat{}$	
2 new label? 0 E confirm 0 0r E	LABEL FORMATS (Avery Borton) Label format No.: 18 Index No.: 0 Copy of label format No.: 0 Dimension: width= mm Height= mm Field definition list
3 6 8 label width E confirm entry	LABEL FORMATS Composition Label format No.: 18 Index No.: 0 Copy of label format No.: 0 Dimension: width= mm Height= mm Field definition list
4 label height E confirm entry	LABEL FORMATS (Marry Letter) Label format No.: 18 ndex No.: 0 Copy of label format No.: 0 Dimension: width= mm 68 Height= mm 45 Field definition list

5 FDL number E confirm entry	Label forr Index No. Copy of la Dimensio Height= n Field defin No: 100 1 100 2 100 3 100 4 100 5 100 6	BEL FORMAT nat No.: : abel format No.: n: width= mm m nition list Description of parameter PLU text L.1 PLU text L.2 PLU text L.2 PLU text L.3 PLU text L.4 PLU text L.5 PLU text L.6	S 18 0 68 45 1 s		Avery Berkel)	
	No: 100 1 X–POS	Description of parameter PLU text L.1 Y–POS FONT N	s o. N	NUMBER	TURN	

6.5 Defining the fields

Enter the values for the size and position of the field in the position indicated by the flashing cursor at the bottom of the display. When you confirm the last value entered (TURN) the field outline will be displayed.



The system program will not accept values which cause a field to overlap the label outline.

Text fields



To increase field length you must increase the character width or the number of characters.

Press $|_{F6}$ then enter the magnification value required

to increase the character width and height. (You can enter a value from 1 to 9.)

If you use an magnification factor you will reduce the number of characters that will fit into the field.

X–pos	position of upper, left corner of field in 1/10mm
Y–pos	position of upper, left corner of field in 1/10mm



Font no.	1 to 5 and addition 1 = 1.0mm x 1.1m 2 = 3.4 mm x 2.2m 3 = 4.8 mm x 2.2m 4 = 4.8 mm x 3.3m 5 = 2.0 mm x 1 1m	nal special fonts nm nm nm nm nm
Number	maximum number	r of characters in field
Turn	0 = 0 degrees 2 = 180 degrees	1 = 90 degrees 3 = 270 degrees

	LA	BEL FORMA	rs		Avery Berkel
2 0 E confirm entry	Label forr Index No. Copy of la Dimensio Height= n Field defin No: 100 1 100 2 100 3 100 4 100 5 100 6	mat No.: .: abel format No.: n: width= mm nm nition list Description of paramet PLU text L.1 PLU text L.2 PLU text L.2 PLU text L.3 PLU text L.4 PLU text L.5 PLU text L.6	18 0 68 45 1 ers		
	No: 100 1 X-POS 2,0	Description of paramet PLU text L.1 Y-POS FONT	ers No.	NUMBER 	TURN -

2		
	LABEL FORMATS	Avery Berkel
E confirm entry	Label format No.:18Index No.:0Copy of label format No.:0Dimension: width= mm68Height= mm45Field definition list1No:Description of parameters100 1PLU text L.1100 2PLU text L.2100 3PLU text L.3100 4PLU text L.4100 5PLU text L.5100 6PLU text L.6	
	No: Description of parameters	
	100 1 PLU text L.1	
	X-POS Y-POS FONT No.	NUMBER TURN
	, 0, 0	
3	LABEL FORMATS	(Avery Berkel)
3		(Avery Borke)
3	LABEL FORMATS Label format No.: 18 Index No.: 0	(Avery Berke)
(3)	LABEL FORMATS Label format No.: 18 Index No.: 0 Copy of label format No.: 0 Dimension: width=	(Avery Berke)
(3) 3 F	LABEL FORMATSLabel format No.:18Index No.:0Copy of label format No.:0Dimension: width= mm68Height= mm45	(Avery Berke)
(3) E	LABEL FORMATSLabel format No.:18Index No.:0Copy of label format No.:0Dimension: width= mm68Height= mm45Field definition list1	(Avery Berke)
3 3 E confirm entry	LABEL FORMATSLabel format No.:18Index No.:0Copy of label format No.:0Dimension: width= mm68Height= mm45Field definition list1No:Description of parameters1001PLU text L1	(Avery Berke)
3 3 E confirm entry	LABEL FORMATS Label format No.: 18 Index No.: 0 Copy of label format No.: 0 Dimension: width= mm Meight= mm 45 Field definition list 1 No: Description of parameters 100 1 PLU text L.1 100 2 PLU text L.2 100 2 PLU text L.2	(Avery Berke)
3 3 E confirm entry	LABEL FORMATSLabel format No.:18Index No.:0Copy of label format No.:0Dimension: width= mm68Height= mm45Field definition list1No:Description of parameters1001PLU text L.110021003PLU text L.31004PLU text L.4	(Avery Berke)
3 S C C C C C C C C C C C C C	LABEL FORMATSLabel format No.:18Index No.:0Copy of label format No.:0Dimension: width=mm68Height=mmHeight=mm45Field definition list1No:Description of parameters1001PLU text L.11002PLU text L.21003PLU text L.31004PLU text L.41005PLU text L.51006PLU text L.6	
3 3 Confirm entry	LABEL FORMATSLabel format No.:18Index No.:0Copy of label format No.:0Dimension: width=mm68Height=mm45Field definition list1No:Description of parameters1001PLU text L.11002PLU text L.21003PLU text L.31004PLU text L.41005PLU text L.51006PLU text L.6No:Description of parameters	
3	LABEL FORMATSLabel format No.:18Index No.:0Copy of label format No.:0Dimension: width=mm68Height=mmHeight=mm45Field definition list1No:Description of parameters1001PLU text L.11002PLU text L.21003PLU text L.31004PLU text L.41005PLU text L.51006PLU text L.6No:Description of parameters1001PLU text L.1	
3	LABEL FORMATSLabel format No.:18Index No.:0Copy of label format No.:0Dimension: width=mm68Height=mm45Field definition list1No:Description of parameters1001PLU text L.11002PLU text L.21003PLU text L.31004PLU text L.41005PLU text L.51006PLU text L.6No:Description of parameters1001PLU text L.1X-POSY-POSFONT No2,0-1,0-3	NUMBER TURN

				Avery Berkel
2 4 E confirm entry	LABEL I Label format No Index No.: Copy of label for Dimension: widt Height= mm Field definition Ii No: Descripti 100 1 PLU te 100 2 PLU te 100 4 PLU te 100 5 PLU te 100 6 PLU te	FORMATS 0 0 ormat No.: 0 h= mm 68 45 45 st 1 on of parameters 1 xt L.2 1 xt L.2 1 xt L.4 1 xt L.5 1 xt L.6 1		
	NO. Description 100 1 PLU t X-POS Y-POS 2, 0 1,	ext L.1 S FONT No. 0 _3	NUMBER 2 4	TURN
5 0 E confirm entry	LABEL I Label format No Index No.: Copy of label for Dimension: widt Height= mm Field definition Ii No: Descripti 100 PLU te 100 PLU te	FORMATS .: 18 0 mat No.: 0 h= mm 68 45 st 1 on of parameters xt L.1 xt L.2 xt L.3 xt L.4 xt L.5 xt L.6		(Avery Borkel)
5 0 E confirm entry	LABEL I Label format No Index No.: Copy of label for Dimension: widt Height= mm Field definition li No: Descripti 100 1 100 2 100 2 100 3 100 4 100 5 100 6 100 6 No: Descripti	FORMATS .: 18 0 rmat No.: 0 h= mm 68 45 45 st 1 on of parameters 1 xt L.1 1 xt L.2 1 xt L.3 1 xt L.4 1 xt L.5 1 xt L.6 0		(Avery Berkel)
5 0 E confirm entry	Label format No Index No.:Copy of label for Dimension: width Height= mmField definition line No:100 1100 2100 2100 3PLU te 100 3100 4PLU te 100 5100 5PLU te 100 6100 6PLU te 100 1100 1PLU te 100 1100 1PLU te 100 1100 1PLU te100 1PLU te100 1PLU te	FORMATS .: 18 0 rmat No.: 0 h= mm h= mm st 1 on of parameters 45 xt 1.1 xt L.1 xt xt L.2 xt xt L.4 xt xt L.5 xt xt L.6 on of parameters ext L.1		(Avery Berka)

Label for Index No Copy of Dimensio Height= Field def No: 100 1 100 2	mat No.: abel forma on: width= mm inition list Description o PLU text L PLU text L PLU text L	18 0 at No.: 0 mm 68 45 1 parameters .1 .2 3		
100 3 100 4 100 5 100 6	PLU text L PLU text L PLU text L PLU text L	.5 .5 .6		
No:	Description o	f parameters		
100 2 X–POS	Y–POS	.2 FONT No.	NUMBER	TURN
, _	, _			_

Increasing the field length (character width)

8	
	Label format No.: 18 Index No.: 0 Copy of label format No.: 0 Dimension: width= mm 68 Height= mm 45 Field definition list 1 No: Description of parameters 100 1 PLU text L.1 100 2 PLU text L.2 100 3 PLU text L.3 100 4 PLU text L.4 100 5 PLU text L.5 100 6 PLU text L.6
	No: Description of parameters
	100 1 PLU text L.1
	X–POS Y–POS FONT No. NUMBER TURN
	2, 01, 03 24 0
9 x3	LABEL FORMATS (Norry Barket) Label format No.: 0 Index No.: 0 Copy of label format No.: 0 Dimension: width= mm Meight= 45 Field definition list 1 No: Description of parameters 100 1 100 2 100 2 100 3 100 4 100 5 100 6 PLU text L.6
9 X3	LABEL FORMATS (Vary Bark) Label format No.: 0 Copy of label format No.: 0 Dimension: width= mm 68 Height= mm 45 Field definition list 1 No: Description of parameters 100 1 PLU text L.1 100 2 100 4 100 5 PLU text L.5 100 6 PLU text L.6
9 X3	LABEL FORMATS (Very Berke) Label format No.: 0 Copy of label format No.: 0 Dimension: width= mm 68 Height= mm 45 Field definition list 1 No: Description of parameters 100 1 100 2 100 4 100 5 100 6 PLU text L.6 No: Description of parameters 100 1 PLU text L.1

2	
	Label format No.: 18
15	Index No.: 0
change number of	Dimension: width= mm 68
characters to 2	Height= mm 45
	Field definition list 1
E	No: Description of parameters
	100 1 PLU text L.1
5	100 2 PLU text L2
	100 S PLUtext L.S
	100 5 PLU text L.5
	100 6 PLU text L.6
	No: Description of parameters
	100 1 PLU text L.1
	X–POS Y–POS FONT No. NUMBER TURN
	20 10 3 2 0
11 F6	
11 F6	LABEL FORMATS
11 F6	Label format No.: 18 Index No.: 0
11 F6	Label format No.: 18 Index No.: 0 Copy of label format No.: 0 Dimension: width = mm 68
(11) F6	Label format No.: 18 Index No.: 0 Copy of label format No.: 0 Dimension: width= mm 68 Height= mm 45
11 F6	Label format No.: 18 Index No.: 0 Copy of label format No.: 0 Dimension: width= mm 68 Height= mm 45 Field definition list 1
11 F6	Label format No.: 18 Index No.: 0 Copy of label format No.: 0 Dimension: width= mm 68 Height= mm 45 Field definition list 1 No: Description of parameters
11 F6	Label format No.: 18 Index No.: 0 Copy of label format No.: 0 Dimension: width= mm 68 Height= mm 45 Field definition list 1 No: Description of parameters 100 1 PLU text L.1
11 F6	Label format No.: 18 Index No.: 0 Copy of label format No.: 0 Dimension: width= mm 68 Height= mm 45 Field definition list 1 No: Description of parameters 100 1 PLU text L1 100 2 PLU text L2
11 F6	Label format No.: 18 Index No.: 0 Copy of label format No.: 0 Dimension: width= mm 68 Height= mm 45 Field definition list 1 No: Description of parameters 100 1 PLU text L.1 100 2 PLU text L.3 100 4 PLU text L.4
11 F6	Label format No.: 18 Index No.: 0 Copy of label format No.: 0 Dimension: width= mm 68 Height= mm 45 Field definition list 1 No: Description of parameters 100 1 PLU text L.1 100 2 PLU text L.2 100 3 PLU text L.3 100 4 PLU text L.4 100 5 PLU text L.4
(11) F6	Label format No.: 18 Index No.: 0 Copy of label format No.: 0 Dimension: width= mm 68 Height= mm 45 Field definition list 1 No: Description of parameters 100 1 PLU text L.1 100 2 PLU text L.2 100 3 PLU text L.3 100 4 PLU text L.4 100 5 PLU text L.5 100 6 PLU text L.6
11 F6	Label format No.: 18 Index No.: 0 Copy of label format No.: 0 Dimension: width= mm 68 Height= mm 45 Field definition list 1 No: Description of parameters 100 1 PLU text L1 100 2 PLU text L2 100 3 PLU text L3 100 4 PLU text L4 100 5 PLU text L5 100 6 PLU text L6
11 F6	Label format No.: 18 Index No.: 0 Copy of label format No.: 0 Dimension: width= mm 68 Height= mm 45 Field definition list 1 No: Description of parameters 100 1 PLU text L.1 100 2 PLU text L.2 100 3 PLU text L.3 100 4 PLU text L.4 100 5 PLU text L.5 100 6 PLU text L.6 No: Description of parameters EONIT WIDT L 1
11 F6	LABEL FORMATS Label format No.: 18 Index No.: 0 Copy of label format No.: 0 Dimension: width= mm 68 Height= mm 45 Field definition list 1 No: Description of parameters 100 1 PLU text L.1 100 2 PLU text L.2 100 3 PLU text L.4 100 5 PLU text L.5 100 6 PLU text L.6 No: Description of parameters FONT WIDTH 1
11 F6	LABEL FORMATS Label format No.: 18 Index No.: 0 Copy of label format No.: 0 Dimension: width= mm 68 Height= mm 45 Field definition list 1 No: Description of parameters 100 1 PLU text L.1 100 2 PLU text L.2 100 3 PLU text L.2 100 3 PLU text L.4 100 5 PLU text L.5 100 6 PLU text L.6 No: Description of parameters FONT WIDTH 1 X-POS Y-POS FONT No. NUMBER TURN

	LABEL FORMATS	Avery Berkel
E	Label format No.:18Index No.:0Copy of label format No.:0Dimension: width= mm68Height= mm45Field definition list1No:Description of parameters1001PLU text L.11002PLU text L.21003PLU text L.31004PLU text L.41005PLU text L.51006PLU text L.6	
	NU: Description of parameters	
	FONT HEIGHT 1	
	X–POS Y–POS FONT No.	NUMBER TURN
	2,01,03	2 0
-		
(12)		
13	LABEL FORMATS	(Avery Berke)
13 2 E	LABEL FORMATSLabel format No.:18Index No.:0Copy of label format No.:0Dimension: width= mm68Height= mm45Field definition list1No:Description of parameters1001PLU text L.11002PLU text L.21003PLU text L.31004PLU text L.41005PLU text L.51006PLU text L.6	
13 E	LABEL FORMATSLabel format No.:18Index No.:0Copy of label format No.:0Dimension: width=mm68Height=mm45Field definition list1No:Description of parameters1001PLU text L.11002PLU text L.21003PLU text L.31004PLU text L.41005PLU text L.51006PLU text L.6	
13 E	LABEL FORMATSLabel format No.:18Index No.:0Copy of label format No.:0Dimension: width=mm68Height=mm45Field definition list1No:Description of parameters1001PLU text L.11002PLU text L.21003PLU text L.21004PLU text L.31006PLU text L.51006PLU text L.6No:Description of parametersFONT HEIGHT2	



		BEL FORMAT	S	Avery 1	Berkel
3 E confirm entry	Label form Index No. Copy of la Dimension Height= m Field defin No: $36 \ 0$ $37 \ 0$ $48 \ 0$ $581 \ 1$ 581 - 2 $522 \ 1$	hat No.: bel format No.: r: width= mm m hition list Description of parameter Barcode EAN 8 Barcode EAN -13 Barcode EAN -128 Flag No Article No Advertising Text Lir	18 0 68 45 1 srs		
	No:	Description of parameter	rs		
	36 0	Barcode EAN 8			
	X–POS _ 35,0	Y-POS WIDTH	HEIGHT	TURN -	
2 5 E confirm entry	Label forn Index No. Copy of la Dimension Height= m Field defir No: 37 0 48 0 581 1 581 - 2 522 1	BEL FORMAT at No.: bel format No.: width= mm mition list Description of parameter Barcode EAN 8 Barcode EAN -128 Flag No Article No Advertising Text Lir	18 0 68 45 1 75 3 me 1	Avery I	Serke)
2 5 E confirm entry	Label form Index No. Copy of la Dimension Height= m Field defin No: 36 0 37 0 48 0 581 1 581 - 2 522 1 No:	BEL FORMAT nat No.: bel format No.: r: width= mm intion list Description of parametel Barcode EAN 8 Barcode EAN -13 Barcode EAN -13 Barcode EAN -128 Flag No Article No Advertising Text Lir Description of parameter	18 0 68 45 1 rs 	Avery I	3erka)
2 5 E confirm entry	Label form Index No. Copy of la Dimension Height= m Field defin No: 36 0 37 0 48 0 581 1 581 - 2 522 1 No: 36 0	BEL FORMAT nat No.: bel format No.: width= mm ition list Description of parameter Barcode EAN 8 Barcode EAN -13 Barcode EAN -128 Flag No Article No Advertising Text Lir Description of parameter Barcode EAN 8	18 0 68 45 1 rs 3 ne 1		3erko)

L Confirm entry	Label format No.: 18 Index No.: 0 Copy of label format No.: 0 Dimension: width= mm 68 Height= mm 45 Field definition list 1 No: Description of parameters 36 0 Barcode EAN 8 37 0 Barcode EAN -13 48 0 Barcode EAN -13 48 0 Barcode EAN -128 581 1 Flag No 581 - 2 Article No 522 1 Advertising Text Line 1 No: Description of parameters 36 0 Barcode EAN 8 X-POS Y-POS WIDTH HEIGHT TURN \leftarrow B/c No	→
	_ 35,0 _ 50,0 1 8	
	_ 33,0 _ 50,0 1 8	
4 1 E confirm entry	Label format No.: 18 Index No.: 0 Copy of label format No.: 0 Dimension: width= mm 68 Height= mm 45 Field definition list 1 No: Description of parameters 36 0 Barcode EAN 8 37 0 Barcode EAN -13 48 0 Barcode EAN -128 581 1 Flag No 581 - 2 Article No 522 1 Advertising Text Line 1	
4 1 E confirm entry	LABEL FORMATS Label format No.: 18 Index No.: 0 Copy of label format No.: 0 Dimension: width= mm 68 Height= mm 45 Field definition list 1 No: Description of parameters 36 0 Barcode EAN 8 37 0 Barcode EAN -13 48 0 Barcode EAN -13 581 1 Flag No 581 - 2 Article No 522 1 Advertising Text Line 1	
4 1 E confirm entry	Label format No.: 18 Index No.: 0 Copy of label format No.: 0 Dimension: width= mm 68 Height= mm 45 Field definition list 1 No: Description of parameters 36 0 Barcode EAN 8 37 0 Barcode EAN -13 48 0 Barcode EAN 8 581 - 2 Article No 522 1 Advertising Text Line 1 No: Description of parameters 36 0 Barcode EAN 8	

5	LA	BEL FO	ORMATS		Avery B	erkel
D E confirm entry	Label forr Index No. Copy of la Dimensio Height= n Field defin No: 36 0 37 0 48 0 581 1 581 - 2 522 1	mat No.: abel form n: width= nm nition list Description Barcode Barcode Barcode Flag No Article No Advertisin	11 nat No.: 0 = mm 6 4 of parameters EAN 8 EAN –13 EAN –13 EAN –128 of Text Line	8 0 8 5 1 1		
	No:	Description	of parameters			
	36 0 X DOS	Barcode	EAN 8			
	_ 35,0	r-PUS _ 50,0	1 viidite	143,0	O O	\leftarrow B/C NO. \rightarrow 8

Field identification (F7)

You can assign an identification code to a field which will determine when that field will be printed. The default setting for all fields is 0 (always print if data is present).



F7	0	Field identification Default	always printed if data present
	1	Only printed for total 1 label	
	2	Only printed for total 2 label	
	3	Only printed for total 3 label	
	4	Only printed for total 4 label	
	5	Only printed for single label	

T F7	Index No. Copy of la Dimension Height= m Field defin No: <u>100 – 1</u> 100 2 100 3 100 4 100 5 100 6	: abel form n: width= nm Description PLU text PLU text PLU text PLU text PLU text PLU text PLU text PLU text	at No.: mm of parameter .1 .2 .3 .4 .5 .6	0 0 68 45 1 5			
	No: MARK ? X–POS 2, 0	Description V–POS 1 0	of parameter FONT N 3	s - 0.	NUMBER 24	TURN 0	
2 single labels?	Index No. Copy of la Dimension Height= m Field defin No: 100 - 1 100 - 2 100 - 3 100 - 4 100 - 5 100 - 6	: abel form n: width= nm Description PLU text PLU text PLU text PLU text PLU text PLU text	at No.: mm of parameter .1 .2 .3 4 5 6	0 0 68 45 1 s			
confirm entry	No:	Description	of parameter	S			
This field is printed as individual pack labels.	MARK ? X–POS 2, 0	5 Y–POS 1 0	FONT N 3	0.	NUMBER 24	TURN 0	

6.6 Deleting fields

To delete a field from the label format you must select the appropriate line in the field definition list and then press F_1 . The field will be deleted from the screen and relevant text or data will **not** be printed on the label. The field will not be removed from the field definition list.



You will see any changes you make displayed on screen but you must press $\boxed{F3}$ to save the changes you have made to the label format.

	LA	BEL FC	RMAT	S	Avery	Berkel
select field	Label forn Index No. Copy of la Dimension Height= m	nat No.: : abel form n: width= nm	at No.: mm	18 0 0 68 45		
	Field defir No: 36 0 37 0 48 0 581 1 581 - 2 522 1	bition list Description of Barcode B Barcode B Barcode B Flag No Article No Advertisin	of parameters EAN 8 EAN –13 EAN –128 g Text Lin	1 s e 1		
	No:	Description	of parameters	S		
	36 0	Barcode E	EAN 8			
	X–POS _ 35,0	Y-POS _ 50,0	WIDTH 1	HEIGH 143,,0	T TURN 0	

6 Label Formats (optional)

2			IATS			Avery Be	erkel
F1	Label form Index No. Copy of la Dimension Height= m Field defin No: 36 0 37 0 48 0 581 1 581 - 2 522 1	hat No.: bel format N width= mi m bition list Description of par. Barcode EAN Barcode EAN Barcode EAN Flag No Article No Advertising Te	18 0 No.: 0 m 68 45 1 ameters 8 -13 -13 -128 ext Line 1				
	No:	Description of para	ameters				
	36 0	Barcode EAN	8				
	X-POS	Y-POS WI	DTH	HEIGH	Г	TURN	$\leftarrow \text{B/c No.} \rightarrow$
	;_	,_	_	"		-	-

6.7 Copying label formats

	Lab	LABEL FO	RMAT	S	(Avery Berke)
E	Inde	ex No.:			
new label format nu	mber		4	•	
0 E Index number	Lab Inde Cop Dim Hei Fiel	LABEL FO bel format No.: ex No.: by of label formatension: width= ght= mm ld definition list	at No.:	S 18 0 0	(Avery Berkel)
2 5 copy label number E confirm entry	Label form Index No.: Copy of lal Dimension Height= m Field defin	BEL FORMAT at No.: bel format No.: width= mm m ition list	18 0 50 68 45 1		

3			S		Avery Berkel	
x3	Label form Index No. Copy of la Dimensio Height= n Field defin No: 100 - 1 100 2 100 3 100 4 100 5 100 6	nat No.: bel format No.: n: width= mm m nition list Description of parameter PLU text L.1 PLU text L.2 PLU text L.3 PLU text L.4 PLU text L.5 PLU text L.6	18 0 68 45 1 s			
	No: 36 0 X–POS	Description of parameter Barcode EAN 8 Y–POS FONT N	s o. N	UMBER	TURN -	

6.8 Legal requirements



You must ensure that any label formats that you design for use in transactions subject to Weights and Measures regulations comply with the following legal requirements.

Field order

Fields for unit price, weight, pack price and the corresponding symbols must be provided in the label format and appear in the correct order. They must be positioned so that they are seen to belong together.



Currency and weight symbols

These symbols will be determined by the country code selected and will be printed automatically providing the fields are in the label format. You must use the following fonts:

Unit price symbol	font 98
Weight symbol	font 98
Pack price symbol	font 99

Font sizes

Unit price, weight and pack price

Minimum character height	4mm
Recommended fonts	
Unit price	font 3
Weight	font 3
Pack price	font 4

Other

Minimum character height	
Texts	2mm r
Fixed weights up to 1kg	4mm r
Fixed weights over 1kg	6mm r

2mm minimum 4mm minimum 6mm minimum

Avoir or metric



You may not use the same label formats for imperial pounds and metric weight types. You must use different weight fields and weight symbol fields for each. You can use the same label formats for decimal pounds and metric weight types.

Amount fields

If the label format includes the fields, the relevant data will automatically be printed in the field.

Print position

Press F2 followed by 2 to position the amount text

at the right hand side of the field.

Number		Field name	No. of characters				
8	0	Unit price	6	Ŕ			
11	0	Net weight	6	\rightarrow	Individual pack		
21	0	Pack price	6	1			
70	0	Number of packs	5	Ŕ			
71	0	Weight total 8 \rightarrow To		Total 1			
72	0	Total 1 price	1				
73	0	Number of totals 1	5	Ŕ			
74	0	Weight total	8	8 → Total 2			
75	0	Total 2 price	8	1			
76	0	Number of packs	5	Ŕ			
77	0	Weight total	8	\rightarrow	Total 3		
78	0	Total 3 price	8	1			
24	0	Unit price symbol	1				
22	0	Weight symbol	1	1			
23	0	Price symbol	1				

6.9 Label formats for totals labels

The system program always contains all the data for printing single labels and totals labels. The label format assigned to the PLU determines exactly which fields are printed. Data will only be printed if the relevant field exists in the label format.

Defining the formats

You may define, if you wish, different label formats for totals labels containing only the totals fields required. You must create a separate PLU for each different label format.

The PLU number for the total label must be entered in the main PLU when it is being created.

Field identification

As an alternative you can define a label format containing all the fields you require. You then mark each field with a field identification code which determines when the field will be printed.

The system program automatically recognises which fields are to be ignored and which will have data before each single or totals label is printed. See page 6–21 for how to assign an identification code to a field.

Fields that are to appear only on the totals labels may be located at the same coordinates as fields for the single label provided that they are created at that position and not moved to it subsequently. The machine system will not allow you to move a field to a position on top of or overlapping another field.

7 Country Codes

Table of Contents

page no

7.1	Creating country formats	7–1
7.2	Copying country formats	7–6
Curre	ncy and weight symbols for printing	7–8

7 Country codes

Information relating to a specific country is contained in the country format and stored under the country code. You can create several country formats but only one may be used in each PLU.

The default country format enabled is 6. To use a different country format for the default setting, enter the code for the one you require in the parameter description for parameter 555_0. See section 16, page 16–1

The country format specifies:

- the texts in the calibration section of the display
- currency and weight symbols for the printer
- formats for unit price, weight, price to pay, tare, quantity of single labels
- formats for weight, price, quantity of total labels
- type of rounding for the price.

7.1 Creating country formats

Country formats are created in the Country Code program which is in the Programming and Service Menu.

You can only access the programming and service menus if you have been supplied with a dongle (security device) see section 1, page 1–3.

If you enter a number that has already been used, the data stored for that country format will be displayed on the screen.

Press /

 \setminus to return to the start and enter a new name.

Press F10 to return to the Programming and Service

Make sure that you satisfy any weights and measures regulations that may apply.



1 5 select menu	PROGRAM ME PROGRAMMING AND SEI 1 MAIN MENU (M) 2 PARAMETER LIST 3 FUNCTIONS LIST 4 BARCODE-FORMAT 5 COUNTRY-CODE 6 FIELD DEFINITION LIST 7 LABELLING-PROGRAM 8 SERVICE DATA MANAG PROGRAM NUMBER 5	RVICE MENU
	UNIT PRICE £/kg kg	g TARE kg WEIGHT
	TRADE WITH THE PUBLIC Gross CLA	ASS III Max 3/6/8 kg Min 20g e = d = 1g
		· · · ·
		DDE (Avery Berke)
Country code	Country No. Name Rounding	6
	Text Line 2 Price Symbol Minus Text 4 (net)	
	Text 5 () Text 6 (CLASS) Text 7 ()	
	Text 8 (du= dp=) Text 9 (Max/Min) Text Unit Price	
3		
E	Country No. Name Rounding	6 GB kg with symbols 1
confirm entry	Text Line 1 Text Line 2 Price Symbol Minus Text 4 (net) Text 5 () Text 6 (CLASS)	NOT TO BE USED FOR DIRECT TRADE WITH THE PUBLIC £; £/kg; kg Net Gross CLASS
	Text 7 () Text 8 (du= dp=) Text 9 (Max/Min) Text Unit Price	Weight Range 1 UNIT PRICE £/kg

(4) COUNTRY CODE (Avery Berkel) Country No. 6 Name GB kg with symbols Rounding 1 Text Line 1 NOT TO BE USED FOR DIRECT Text Line 2 TRADE WITH THE PUBLIC Price Symbol Minus £; £/kg; kg Text 4 (net) Net Text 5 (Gross Text 6 (CLASS) Text 7 () CLASS Weight Range Text 8 (du= dp=) Text 9 (Max/Min) 1 Text Unit Price UNIT PRICE £/kq (5) COUNTRY CODE Avery Berkel 3 Country No. 33 Name Rounding new country code Text Line 1 Text Line 2 Price Symbol Minus Text 4 (net) Text 5 (Text 6 (CLÁSS) confirm entry Text 7 () Text 8 (du= dp=) Text 9 (Max/Min) Text Unit Price 6 COUNTRY CODE Avery Berkel Country No. 33 _ NETHERLANDS Name Rounding Text Line 1 Text Line 2 Price Symbol Minus Text 4 (net) Text 5 (Text 6 (CLÁSS) Text 7 () Text 8 (du= dp=) Text 9 (Max/Min) Text Unit Price

1	Country No. Name Rounding Text Line 1 Text Line 2 Price Symbol Minus Text 4 (net) Text 5 () Text 6 (CLASS) Text 7 () Text 8 (du= dp=) Text 9 (Max/Min) Text Unit Price	33 NETHERLANDS 1
8		
NIE	Country No. Name Rounding Text Line 1 Text Line 2 Price Symbol Minus Text 4 (net) Text 5 () Text 6 (CLASS) Text 7 () Text 8 (du= dp=) Text 9 (Max/Min) Text Unit Price	33 NETHERLANDS 1 NIET VOOR HANDELSDOELEINDEN



7.2 Copying country formats

You can copy an existing country format and edit the entries to create your own customised formats.

Make sure that you satisfy any weights and measures regulations that may apply.

1 5 select menu	PROGRAM MENU PROGRAMMING AND SERVICE MENU 1 MAIN MENU (M) 2 PARAMETER LIST 3 FUNCTIONS LIST 4 BARCODE-FORMAT 5 COUNTRY-CODE 6 FIELD DEFINITION LIST 7 LABELLING-PROGRAM 8 SERVICE DATA MANAGEMENT (M) PROGRAM NUMBER 5
	UNIT PRICE £/kg kg TARE kg WEIGHT 0.0000 NOT TO BE USED FOR DIRECT
2 6 Country code	COUNTRY CODE Avery Bork@ Country No. 6

3			
Confirm entry	Country No. Name Rounding Text Line 1 Text Line 2 Price Symbol Minus Text 4 (net) Text 5 () Text 6 (CLASS) Text 7 () Text 8 (du= dp=) Text 9 (Max/Min) Text Unit Price	6 GB kg with symbols 1 NOT TO BE USED FOR DIRECT TRADE WITH THE PUBLIC £; £/kg; kg Net Gross CLASS Weight Range 1 UNIT PRICE £/kg	
4		DDE Avery Berkel	
	Country No. Name Rounding Text Line 1 Text Line 2 Price Symbol Minus Text 4 (net) Text 5 () Text 6 (CLASS) Text 7 () Text 8 (du= dp=) Text 9 (Max/Min) Text Unit Price	GB kg with symbols 1 NOT TO BE USED FOR DIRECT TRADE WITH THE PUBLIC £; £/kg; kg Net Gross CLASS Weight Range 1 UNIT PRICE £/kg	
5		DE Avery Berkel	
new country code	Country No. Name Rounding Text Line 1 Text Line 2 Price Sym	43 GB kg with symbols 1 NOT TO BE USED FOR DIRECT TRADE WITH THE PUBLIC	
F3	Text 4 (ne SAVE Text 5 () Text 6 (CLASS) Text 7 () Text 8 (du= dp=) Text 9 (Max/Min) Text Unit Price	?Yes = 1 No = 0 Gross CLASS Weight Range 1 UNIT PRICE £/kg	

6				
	Country No. Name Rounding Text Line 1 Text Line 2 Price Symbol Minus	43 GB kg with symbols 1 NOT TO BE USED FOR DIRECT TRADE WITH THE PUBLIC		
	Text 4 (nel SAVIN Text 5 () Text 6 (CLASS) Text 7 () Text 8 (du= dp=) Text 9 (Max/Min) Text Unit Price	G IN PROGRESS Gross CLASS Weight Range 1 UNIT PRICE £/kg		
Press or to move to the line you want to change.				
Enter the new data for the lines you want to change Press F3 to save the changes				
8 Press F10 to return to Programming and Service Menu				

Currency and weight symbols for printing

Letter	Hex	Print character set 98	Print character set 99
А		DM/kg	DM
В		kg	
С		F/kg	F
D		f/kg	f
E		Fr./kg	Fr
F		£	£
G		OZ	OZ
Н		S/kg	S
I		L/kg	L
J		L	
К		\$/kg	\$
L		Kr./kg	Kr
М		M/kg	М

Letter	Hex	Print character set 98	Print character set 99
Ν		lb	
0		STÜCK	STÜCK
Р		STUKS	STUKS
Q		ST./P.	ST./P.
R		PIECES	PIECES
S		PEZZI	PEZZI
Т		PIEZAS	PIEZAY
Y	59	Kg (kyr)	
Z	5a		currency symbol (kyr)
[5b	ESC/kg	
/	5c		ESC
)	5d	Sk/kg	
	5e		Sk
-	5f	Kc/kg	
Gelb+-	60		Кс
а	61	zt/kg	
b	62		zt
u		£ kg	

character set 98: character set 99: for unit price and weight symbols for price symbols (see label formats)
8 Barcode Formats

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8 Barcode Formats

8.1 Barcode type

The barcode format specifies the data to be embedded in the barcode. The barcode can contain fixed data and data calculated by the system.

These barcode types are available.

No.	Index	Parameter description
36	0	EAN 8
37	0	EAN 13
39	0	ITF 2 from 5, 2:1
40	0	ITF 2 from 5, 2, 2:1
41	0	ITF 2 from 5, 3:1
42	0	Code 39, 2:1
43	0	Code 39, 2, 5:1
44	0	Code 39, 3:1
47	0	Code EAN 128 B
48	0	Code EAN 128 ABC

You can insert the barcode type several times in the parameter list using the index 0 - 99, e.g.

37–0	barcode EAN 13
37–1	barcode1 EAN 13
37–2	barcode2 EAN 13

Enabling barcode types

0

407

You must list, in the description for parameter 497–2, the parameters for the barcode types that you wish to use, e.g.

497	2	30, 37, 39, 40, 41, 42, 43, 44, 47, 40
		Parameter 581 allows the input of numbers such as the article number within the barcode.
497	3	581

8.2 Barcode parameters

	You can use barcode forr	e any of the following parameters within the mat.
Numbers		
	581–1 581–2 581–3 581–4 60–0 61–0	number 1 (for flag, article number, etc.) number 2 (for flag, article number, etc.) number 3 (for flag, article number, etc.) number 4 (for flag, article number, etc.) call number customer number
Date/time		
	30–0 32–0 33–0 34–0 35–0	system date time date 1 date 2 date 3
Weight (general)	+ price (gen	eral)
	17–0 18–0	weight general (pack, total 1, 2, 3) price general (pack, total 1, 2, 3)
*	These two p formats.	parameters are only valid for barcode
Weight (defined)		
	11–0 71–0 74–0 77–0	weight (pack) weight (total 1) weight (total 2) weight (total 3)
Price (defined)		
_	21–0 72–0 75–0 78–0	price to pay (pack) price (total 1) price (total 2) price (total 3)
lare	2–0	tare

Quantity

	70–0 73–0 76–0	total 1: quantity (number of packs) total 2: quantity *1 total 3: quantity (number of packs)
Article texts		
	100–1 100–2 100–3	article text 1st line article text 2nd line article text 3rd line
Paging number		
	12–1	paging number (only when used with function code 64–1, 64–2)
	141–0 142–0 143–0 144–0	paging number paging number paging number paging number
Check digits		

Che

556-1, 556-2, 556-3, 556-4, 556-5, 556-6, 556-7, 556-9.

you must position check digits for weight/price (556-6, 556-7) before the places for weight/ price because the places after the check digit are used to calculate check digit. See example 1. on page 8–3.

If you are using check digit 556–9, the start position for the calculation must be entered in the position column see example 2. page 8-4.

Example 1.

Format No. 1 Parameter No.	37 Index 0	Barcode EAN13	Digits 13
----------------------------	------------	---------------	-----------

Posn	Par. No.	Index		Mode	Posn.	Direction	Attr.
1	581	1	Flag number	S	2		
2	581	1	Flag number	S	1		
3	581	2	Article number	S	4		
4	581	2	Article number	S	3		
5	581	2	Article number	S	2		

6	581	2	Article number	S	1	
7	556	6	Check digit EAN 5		1	
8	18	0	Price general mode		5	
9	18	0	Price general mode		4	
10	18	0	Price general mode		3	
11	18	0	Price general mode		2	
12	18	0	Price general mode		1	
13	556	1	Check digit EAN 8/13		1	

Example 2.

Format No. 20 Parameter No. 48 Index 0 Barcode Code128C Digits 36

Posn	Par. No.	Index		Mode	Posn.	Direction	Attr.
1	556	8	Special character ¹	č	1	R	
2	556	8	Special character ²	Г	1	R	
3	556	8	Special character	0	1	R	
4	556	8	Special character	1	1	R	
5	556	8	Special character	0	1	R	
6	581	5	EAN128 Num. 1 to 7		7	R	
7	581	5	EAN128 Num. 1 to 7		6	R	
8	581	5	EAN128 Num. 1 to 7		5	R	
9	581	5	EAN128 Num. 1 to 7		4	R	
10	581	5	EAN128 Num. 1 to 7		3	R	
11	581	5	EAN128 Num. 1 to 7		2	R	
12	581	5	EAN128 Num. 1 to 7		1	R	
13	581	4	EAN128 Num. 8 to 12		5	R	
14	581	4	EAN128 Num. 8 to 12		4	R	
15	581	4	EAN128 Num. 8 to 12		3	R	
16	581	4	EAN128 Num. 8 to 12		2	R	
17	581	4	EAN128 Num. 8 to 12		1	R	
18	556	9	Var. checksum EAN		5	R	
19	556	8	Special character	3	1	R	
20	556	8	Special character	1	1	R	

8 Barcode Formats

21	556	8	Special character	0	1	R	
22	556	8	Special character	3	1	R	
23	17	0	Weight general mode		6	R	
24	17	0	Weight general mode		5	R	
25	17	0	Weight general mode		4	R	
26	17	0	Weight general mode		3	R	
27	17	0	Weight general mode		2	R	
28	17	0	Weight general mode		1	R	
29	556	8	Special character	1	1	R	
30	556	8	Special character	5	1	R	
31	33	0	Date 1	s	2	R	
32	33	0	Date 1	S	1	R	
33	33	0	Date 1	s	5	R	
34	33	0	Date 1	S	4	R	
35	33	0	Date 1	S	8	R	
36	33	0	Date 1	s	7	R	

NOTE 1: Create č by pressing Compose, then F4, then C

NOTE 2: Create Γ by pressing Function, then Z

Weight and price parameters

8.2 Barcode parameters

There are two types of parameter for weight and price, 'general' and 'specific'.

You use the **general** parameters (17–0 for weight and 18–0 for price) in a barcode format that will determine only that a weight and/or price is to be printed. The label program decides which actual values will be used. For single labels it will be the pack value and for total labels it will be the appropriate total value.

Use a **specific** parameter for weight or price when the value to be used in the barcode is fixed.

For example, if the value to be used in the barcode is be total 2, the parameters in the barcode format must be 74–0 for weight and 75–0 for price.



You should normally use general parameters as they have the advantage that they can be used for both single and total labels.

Do not use general parameters when more than one barcode containing weight and price values is to be printed on the same label.

For example, to print a total label that has the weight values for total 1 and total 2 printed in the barcodes, use the specific weight parameter (74–0) for barcode 2. If you do not, then the same weight value from total 1 will be used in barcode 2.

Requirements for printing barcodes

- The parameter for the barcode (e.g. 37–0 for EAN13) must be available in the print definition list used for the label format. v or V must be entered in the Type column to ensure that the barcode field appears in the PLU and the barcode format number can then be entered by the operator during PLU programming.
- You must define a field for the barcode in the label format.

You may use the identification key [F7], together with

the appropriate identifiers, to specify the labels for which this barcode will apply. If you use more than one identifier you may list them separated by commas (e.g. identification 1,2 applies only to totals labels 1 and 2).

If you are certain that the data will not change during the labelling run, you may enter the barcode digits directly, instead of the barcode format number, during PLU programming.

Single labels and totals labels

You can use the same barcode format for single labels and totals labels providing the following requirements are satisfied.

• You create one barcode field only with the identification = 0 (always print)

- You must use the 'general' parameters if weight and/or price values will be included in the barcode. These are :
 - 17–0 weight general
 - 18–0 price general

If you use different barcode formats for single labels from totals labels there are two possible methods:

• Other barcode fields in the label format

Several barcode fields are created in the label format used for the single label in the PLU program. These fields can be positioned so that they overlay each other.

For example:

37–0	identification 5	i (single	label only)

- 37–1 identification 1 (total 1 label only)
- 37–2 identification 2 (total 2 label only)

These fields are available for data input. You can enter different barcode formats for the single label and totals labels in the same PLU.

You can also define combinations that only require two barcode fields.

For example:

37–0 identification 437–1 identification 1 and 2

You use the same barcode format for totals 1 and 2.

• Using a different PLU/customer number

You create a new PLU/customer number for each of the totals. This method is the most flexible as it allows you to use other label formats and new data as well as different barcode formats.

8.3 Creating barcode formats





Barcode format number

A barcode is stored under the barcode format number.

Enter the barcode format number. This is the number preceded by a # that you will enter to request the barcode format you want when programming PLUs. You can then enter any values that require manual input, such as flag number, PLU numbers, advertising text, label position.

If you enter a number that has already been used, the data stored for that barcode format will be displayed on the screen. Press $\boxed{F10}$ to return to the start and enter

a new number.

For information on programming PLUs, see the Operator Instructions book, section 5.3, Create and edit PLUs.



Parameter number and index number

Enter the parameter number and index number for the barcode type required. The barcode type will then be displayed automatically.

Digits

For barcode types EAN 8 and EAN 13 the number of digits is fixed and will be displayed automatically. For other barcode types with variable lengths, for example ITF and Code 39, you must specify the number of digits. You must specify a paired place number for code ITF 2 from 5. In this type of barcode 2 digits are associated with each barcode place instead of 1 digit as in other barcode types..

Position

Each position represents one place in the barcode. For example, position 1 is the first place in the barcode.

Par. number Index number

The parameter value to be printed may require several barcode digits, for example, the PLU/article number could have 4 places. Each entry of the parameter number and index number selects one place (see example 6.1, page 8–8).

Mode

No input

Requires new data from the system program for every label printed. For example weight input.

Input S

If possible use **S** wherever the data remains the same for the whole of the label run. This speeds up the labelling process because the unchanging data is held in the printer and not transmitted for each label. You must use **S** for the date parameters 30, 33, 34 and 35.

Parameter/index 556-8 (fixed characters)

You can use this parameter for fixed characters within a barcode format. Enter the fixed character in the Type column.

Place

8

 $(\mathbf{1})$

This tells you which place in the barcode is used for the parameter value. Direction Specifies whether the place for the parameter value is counted from the left (L) or from the right (R) (see example 6.1, page 8-8). You may only use **L** for text parameters. for example 100–1. Туре No input Example 3. Press $|_{\mathbf{F3}}$ to save at any time PROGRAM MENU Avery Berkel 4 PROGRAMMING AND SERVICE MENU 1 MAIN MENU (M) 2 PARAMETER LIST **3 FUNCTIONS LIST** select option 4 BARCODE-FORMAT 5 COUNTRY-CODE 6 FIELD DEFINITION LIST 7 LABELLING-PROGRAM 8 SERVICE DATA MANAGEMENT (M) PROGRAM NUMBER 5 UNIT PRICE £/kg TARE WEIGHT kg kg 0.000 NOT TO BE USED FOR DIRECT →0← TRADE WITH THE PUBLIC Gross CLASS III Max 3/6/8 kg Min 20g e = d = 1g



		BA	RCO	DE FO	ORN				Avery Berke	
	BARCO	DE FORMAT N	NO. 11	PAR. No.	37	INDEX	0 Bar	ode EAN-13	DIGITS	13
	POS	PAR. No.	INDEX				MODE	POSITION	DIRECTION	TYP
narameter	1	581							-	-
parameter	3				 				-	-
	4								_	
	5								-	-
	6								-	-
	8				 				-	-
	9								_	
55	10								_	_
	11								-	-
	13				• • • • • •				-	-
									-	-
6										
		BA	ARCO	DE FO	ORN	ΙΑΤ Ι			Avery Berke	
	DADO		10 11		27		0 Ban	ode EAN_1		12
	BARCO	JDE FORMAI P	NO. 11	PAR. NO.	31	INDEX	U Bai	JUUB EAIN-13	DIGITS	13
6	POS	PAR. No.	INDEX				MODE	POSITION	DIRECTION	TYP
Index number	1	581	0						-	-
	2				• • • • • •				-	-
	4				 				-	-
	5								_	-
	6								-	-
	8								-	-
	9				 				-	-
1 4 6	10									
	11								_	
	12								-	-
	13				• • • • • •				-	-
		·								<u> </u>
		B R	RCO			ΙΔΤΙ			Avery Berke	
									(cital) banks	<u>س</u>
F F	BARCO	DDE FORMAT N	NO. 11	PAR. No.	37	INDEX	0 Bar	code EAN-13	DIGITS	13
	POS	PAR. No.	INDEX				MODE	POSITION	DIRECTION	TYP
1 5 5	1	581	0	Flag					_	_
Parameter	2								-	-
description	4								-	-
description	5				 					
	6								_	-
									-	-
	å								-	-
1 < 6	10				· · · · · · ·				-	-
	11								_	
	12								-	-
	13				• • • • • •				-	-
	1	1								





8.4 Copying barcode formats

1 select option	PROGRAM MENU (Very Box) PROGRAMMING AND SERVICE MENU 1 MAIN MENU (M) 2 PARAMETER LIST 3 FUNCTIONS LIST 4 BARCODE-FORMAT 5 COUNTRY-CODE 6 FIELD DEFINITION LIST 7 LABELLING-PROGRAM 8 SERVICE DATA MANAGEMENT (M) PROGRAM NUMBER 5						
	UNIT PRIC	CE £/kg	kg TA	RE	kg		онт С
	NOT TO BE USE	D FOR DIRECT	→0←				
	TRADE WITH TH	E PUBLIC	Gross CLASS III		Max 3/6/8 kç	g Min 20g e = d =	= 1g
Barcode format number	BARCODE FORMAT POS PAR. No. 1 581 2 581 3 581 4 581 5 581 6 581 7 556 8 17 9 17 10 17 11 17 12 556	Image: No. 11 INDEX 1 1 2 2 2 6 0 0 0 0 1	PAR. No. 37 INDEX O Flag Flag Article number Article number Article number Article number Check digit EAN 5 di Weight general mode Weight general mode Weight general mode Weight general mode Weight general mode Weight general mode Weight general mode Check digit EAN 8/13	MODE S S S S S S S S S S 	arcode EAN-13 POSITION 2 1 4 3 2 1 1 5 4 3 2 1 1 5 4 3 2 1 1	Avery Berke Digits Direction R R R R R R R R R R R R R R R R R R R	13 TYP
3						_	=
F10) Bi	arcode EAN-1	Avery Berke	
	POS PAR. No.	INDEX			POSITION	DIRECTION	TYP
	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	1 1 2 2 2 6 0 0 0 0 0 1	Flag Flag Article number Article number Article number Check digit EAN 5 di Weight general mode Weight general mode Weight general mode Weight general mode Weight general mode Check digit EAN 8/13	S S S S S S 	2 1 4 3 2 1 1 5 4 3 2 1 1	R R R R R R R R R R R R R R R R R R R	



8.5 Deleting barcode formats

1 select option	PROGRAM MENU (WY BOOK) PROGRAMMING AND SERVICE MENU 1 MAIN MENU (M) 2 PARAMETER LIST 3 FUNCTIONS LIST 4 BARCODE-FORMAT 5 COUNTRY-CODE 6 FIELD DEFINITION LIST 7 LABELLING-PROGRAM 8 SERVICE DATA MANAGEMENT (M) PROGRAM NUMBER 5					
	UNIT PRICE £/kg	kg TARE				
	NOT TO BE USED FOR DIRECT	→0←	0.000			
	TRADE WITH THE PUBLIC	Gross CLASS III	Max 3/6/8 kg Min 20g e = d = 1g			
2 Barcode format number	BARCODE FORMAT NO. 11 POS PAR. No. INDEX 1 581 1 2 581 1 3 581 2 4 581 2 5 581 2 6 581 2 7 556 6 8 17 0 9 17 0 10 17 0 11 17 0 13 556 1	PAR. No. 37 INDEX 0 BI Flag S Flag S Article number S Article number S Article number S Article number S Check digit EAN 5 di Weight general mode Weight general mode Weight general mode Weight general mode Weight general mode Check digit EAN 8/13	Average Borket Covery Borket arcode EAN-13 DIGITS 13 POSITION DIRECTION TYP 2 R			
3	BARCO	DE FORMAT	(Avery Berkel)			
	BARCODE FORMAT NO. 1	PAR. No. 37 INDEX 0 B				
	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	Flag S Flag S Article number S Article number S Article number S Article number S Check digit EAN 5 di Weight general mode Weight general mode Weight general mode Weight general mode Weight general mode Weight general mode Check digit EAN 8/13	2 R			

F1	BARCO		RCO 10. 11	DE FORMAT	0 Bar	code EAN-13	Avery Berke	1 3
1 6	POS	PAR. No.	INDEX		MODE	POSITION	DIRECTION	TYP
	1 2 3 4 5	581 581 581 581 581 581	1 1 2 2 2	Flag Flag Article number Article number Article number	S S S S S	2 1 4 3 2	R R R R R	-
	6	581 556		DELETE ? Yes =	1 No	= 0		-
	8 9 10 11 12 13	17 17 17 17 17 17 556	0 0 0 0 1	Weight general mode Weight general mode Weight general mode Weight general mode Weight general mode Check digit EAN 8/13	 	5 4 3 2 1 1	R R R R R R	
(5)								
5	BARCO		RCO		0 Bar	code EAN-13	Avery Berke	13
5	BARCO	DDE FORMAT N PAR. No.	NRCO	DE FORMAT	0 Bar MODE	code EAN-13 POSITION	Avery Berke	0 13 түр
5	BARCC POS 1 2 3 4 5 6 7 8 9 10 11 12 13	PAR. No. 581 581 581 581 581 581 581 7 17 17 17 17 17 556	NRCO NO. 21 INDEX 1 2 2 2 2 6 0 0 0 0 0 1	DE FORMAT	0 Bar MODE S S S S S S S S S S S S S 	code EAN-13 POSITION 2 1 4 3 2 1 1 5 4 3 2 1 1 5 4 3 2 1 1 1	Avery Berko a Digits DIRECTION R R R R R R R R R R R R R	13 TYP - - - - - - - - - - - - - - - - - - -

9 Time/Date variants

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Code	ed date tables	9–5

9 Time/Date variants

9.1 Setting date and time

You can find instructions for setting the system date and time in the Operator Instructions, section 6, page 6–1.

You must set the system time and date correctly as all other dates and times are calculated from it.

Printing system date and time

To print the system date on a label you must enable the parameter 30–0 and the relevant field must exist in the label format.

The time parameter is 32–0. You can print the time on a label if a field has been created for this parameter in the label format.

Once you have set the system date and time it is maintained by a battery backup, even when the machine is disconnected from the power supply.

Calculated dates

All the other dates used are calculated from the system date. You can use up to three calculated dates:

Parameter 497–4 specifies which parameters are kept for the dates

System dateparameter 30–0Date 1parameter 33–0Date 2parameter 34–0Date 3parameter 35–0

The three dates 33–0, 34–0 and 35–0 can be included in text descriptions for printouts such as 'best before dates' or 'sell by dates'. Enter the values #1, #2 or #3 to call the appropriate date and text.



Figure 6.2 Typical label

Date and time format

Time print format

Parameter 570–4 specifies the time format. The default format is:

hh:mm:ss

You can change the time format if required.

h	hours with leading zeros
Н	hours without leading zeros
m	minutes with leading zeros
Μ	minutes without leading zeros
S	seconds with leading zeros
S	seconds without leading zeros

Date print format

Parameter 570–3 specifies the date format.

There are two parts to the date format:

a) input

b) format

The default print format is:

0; dD.MM.YY

You may change the format only if the input value is 0 For example:

0; DD.MM.YYYY

The input part of the date format specifies the offset value from the system date for the calculated date. The format specifies the appearance of the printed date.

You can specify a different date format for each date in each PLU if required.

For example:

System date20.10.97Format10;DD.MM.YYBest before date30.10.97



The date field width (number of characters) in the label format must be sufficient to accommodate the printout format.

Date variants

Best before date

You can enter the best before date as half days, weeks, months or years provided that the appropriate code letter is included in the format. Insert the code you require before the input value in the date format when you program the PLU.

Code letters:

Example:

H10 or h10	keeps for 10 half days
K3 or k3	keeps for 3 weeks
M6 or m6	keeps for 6 months
J2 or j2	keeps for 2 years

Date printout format

If you enter only the date offset value, the printout on the label will be in the default format. If you want a different printout format you must enter both the offset value and the date format.

d	printout of days without leading zeros
D	printout of days with leading zeros
m	printout of months without leading zeros
М	printout of months with leading zeros
Y	printout of year Iast digit (1997 = 7) YY last two digits (1997 =97) YYY last three digits (1997 =997) YYYY all four digits (1997 =1997)
k	date as week of year (with leading zeros)
К	date as week of year (without leading zeros)
h	best before date in 1/2 days (without leading zeros)
н	best before date in whole days (without leading zeros)
а	best before date in weeks (without leading zeros)
Α	best before date in weeks (with leading zeros)
b	best before date in months (without leading zeros)
В	best before date in months (with leading zeros)
с	best before date in years (without leading zeros)
С	best before date in years (with leading zeros)
g	day of year (without leading zeros)
G	day of year (with leading zeros)
D1	months coded according to table D1 (parameter 702)
D2	months coded according to table D2 (parameter 702)
E1	days coded according to table E1 (parameter 701)
F1	years coded according to table F1 (parameter 703)
V1, V2, V3	printout of supplement for Swiss date (AMNPV)

These special characters are entered in the date format and printed in the appropriate position of the date.

Examples:

system date 2	26.06.97		
format 10;DD.MI	M.YYYY	prints as	06.07.1997
format H10;dD.M	/M.YY	prints as	01.07.97
format J1;DD.MM	M.YY	prints as	26.06.98
format J5;JJJJ		prints as	2002
format K8;a		prints as	8

Coded date tables

Example

TABLE D1			TABLE D2		
Parameter	Index		Parameter	Index	
702	1	JANUARY	702	13	JAN
702	2	FEBRUARY	702	14	FEB
702	3	MARCH	702	15	MAR
702	4	APRIL	702	16	APR
702	5	MAY	702	17	MAY
702	6	JUNE	702	18	JUN
702	7	JULY	702	19	JUL
702	8	AUGUST	702	20	AUG
702	9	SEPTEMBER	702	21	SEP
702	10	OCTOBER	702	22	OCT
702	11	NOVEMBER	702	23	NOV
702	12	DECEMBER	702	24	DEC

Coded month specification (D1, D2)

You must include parameter 702 in the Parameter Selection List if you want to print dates as coded months. Use the following index numbers:

Index 1 – 12 for table D1 Index 13 – 24 for table D2

Coded day specification (E1)

Select parameter 701 in the Parameter Selection List if you want to print dates as coded days. Use the following index numbers:

Index 1 – 31 for table E1

Coded year specification (F1)

Select parameter 703 in Parameter Selection if you want to print dates as coded years. Use the following index numbers:

Index 0 – 9 for table F1



You must enable the appropriate parameter (701, 702, 703 or 704) in the Selection List if you want to print the month or day using alpha characters.

Swiss date Vi

i = 1:VN	i = 2:MA	i = 3:AP
Parameter:		
704–1	VN	
704–2	MA	
704–3	AP	

10 Pagination

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Exam	ple 2	10–4

10 Pagination

You can program the B806/B901 to print page numbers on every label, or on totals labels or both, or when you press a key.

Parameter 12–0 must be included in the field definition list and the label format. You must create a label field large enough to accommodate the number of digits or characters required for the date in the label format. If you want to include the page number in the barcode parameter 12–0 you must also include it in the barcode format.

10.1 Switching on page numbering

You must include function code 64–1 or 64–2 in the labelling program for page numbering to occur.

The criteria for page numbering are determined by the additional function codes included in the labelling program.

For example:

Every pack Reaching a preselected total

Select these function codes according to the type of page numbering required.

10.2 Fixed page numbering

You can specify page numbering for every label or for totals labels.



Page numbering will reset to the start value when you select a different PLU.

Use function code 64–1 for single page numbering. Function code 64–3 allows the operator to enter the starting page number.

Labe	Labelling Program						
line	code	sub code	Description	Attribute	Value		
1	60	0	PLU No		0		
2	64	1	PAGINATION SINGLE		0		
3	64	3	PAGINATION START No.		0		
4	3	5	Return to previous menu		0		

Use function code 64–2 for totals page numbering. The page count is printed on each individual label and on the totals label. The count is only incremented when the totals label is printed.

Labe	Labelling Program						
line	code	sub code	Description	Attribute	Value		
1	60	0	PLU No		0		
2	64	2	PAGINATION TOTAL 1		0		
3	64	3	PAGINATION START No.		10		
4	3	5	Return to previous menu		0		



Fixed page numbering may be used in conjunction with labelling modes 3–0, 3–1 and 3–4.

10.3 Variable page numbering

You can choose to have up to four different page counts (paging devices) printed on labels according to your needs. A paging device is only printed if:

- the paging device parameter(s) is included in the field definition list and the labelling program.
- the format parameter is included in the field definition list and the appropriate field has been created in the label format
- the type of page numbering is specified in the labelling program.

Variable page numbering is not available in standard labelling mode (3–0).



Default format parameters

These parameters specify the format for the paging device. The digit to the left of the decimal point specifies the number of digits and the digit to the right specifies the number of decimal places.

147–1	5.0 (for paging device 1)
147–2	5.0 (for paging device 2)
147–3	5.0 (for paging device 3)
147–4	5.0 (for paging device 4)

5.0 indicates that 5 digits will be printed with no decimal places.

You can change the format in the description column of the parameter list if necessary.

Paging device parameters

parameter	code	Description	Attribute	Value
141	0	Pagination No. 1		0
142	0	Pagination No. 2		0
143	0	Pagination No. 3		0
144	0	Pagination No. 4		0

In the labelling program you must specify:

• which of the paging devices to use (more than one can be used at a time)

Enter the value with which you want to start page numbering in the **Value** column.

• the type of page numbering to be used.

Type of page numbering

Addition

145–1	for paging device 1
145–2	for paging device 2
145–3	for paging device 3
145–4	for paging device 4

Enter the number to be added in the value column.

Subtraction

146–1	for paging device 1
146–2	for paging device 2
146–3	for paging device 3
146–4	for paging device 4

Enter the number to be subtracted in the value column.

Example 1

- Page numbering after each label or pressing an undefined key.
- Count incremented by 10 each time.
- Start value 100

Labelling Program					
line	Function	code	Description	Attribute	Value
1	60	0	PLU No		0
2	141	0	Pagination No. 1		100
3	64	1	PAGINATION SINGLE		0
4	3	1	Special Mode 1		0
5	145	1	Incr. Pagination 1:+		10
6	90	6	Branch if key x to	F	8
7	90	0	Branch always to		4
8	3	3	Return to start		0



If you press an undefined key, function code 3–1 will cause the program to go to the next line.

Example 2

- Page numbering not possible by pressing an undefined key.
- Page count decremented by 10 after each label.
- Start value 10,000

Labelling Program							
line	line Function code Description Attribute Value						
1	60	0	PLU No		0		
2	141	0	Pagination No. 1		10000		

3	64	1	PAGINATION SINGLE		0
4	3	1	Special Mode 1		0
5	90	6	Branch if key x to	F	10
6	90	7	BRA. IF WEIGHT TO		8
7	90	0	Branch always to		4
8	146	1	Decr. Pagination 1:-		10
9	90	0	Branch always to		4
10	3	3	Return to start		0



If you press an undefined key, the program jumps to line 4. The count is only changed when a label is printed.
11 Compiling menus

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11 Compiling menus

Operator and Programming Menus are compiled and stored in the parameter list. You may edit them in the Selection Parameter List and add additional items up to a maximum of eight items in a menu.

A menu can contain sub–menus and operating sub–routines (see section 4.1, page 4–1). The system program numbers the menus and operating sub–routines automatically.

You must list the numbers for the operating sub-routines and menus in the menu parameter, index 0, separated by commas. The menu name, preceded by a semi-colon follows the list. Enter the text description you want for each item, in the order they appear in the list, using the index numbers 1 - 8.

Menu access

Operator menus are available to the operator but individual menu items may be password protected. Programming and Service menus are only available if you have the security dongle and the appropriate password.

Password protection

Every item in a menu can be password protected. You can use up to three different passwords and each one may have up to ten characters.



The default setting for the machine is no passwords

11.1 Operator menus

Main menu (M0)

Parameter No.	Index	Description
558	0	M1,M2,M3,M4,87, 88; MAIN MENU
558	1	DISK FUNCTIONS
558	2	PRODUCT DATA
558	3	LABEL FORMAT (OPTIONAL)
558	4	SYSTEM DATA
558	5	87 READING PARAMETER LIST
558	6	88 WRITING PARAMETER LIST

Disk Functions (sub-menu M1)

Parameter No.	Index	Description
559	0	M0,37,38; DISK FUNCTIONS
559	1	MAIN MENU
559	2	DATA SAVING
559	3	DATA LOADING

Product Data (sub-menu M2)

Parameter No.	Index	Description
560	0	M0,16,40,2,15,23,64,43.P1; PRODUCT DATA
560	1	MAIN MENU
560	2	CREATE/EDIT PLU
560	3	PLU TEXTS
560	4	INGREDIENTS TEXTS
560	5	ADVERTISING TEXTS
560	6	DATE TEXTS
560	7	WEIGHT BANDS
560	8	SERVICE CALIBRATION (SERVICE)

Label Format (sub-menu M3)

Parameter No.	Index	Description
561	0	M0,16,00,00,00,3.P1,55.P1,35.P1; LABEL FORMAT
561	1	MAIN MENU
561	2	CREATE/EDIT PLU
561	3	LABEL FORMATS (OPTIONAL)
561	4	CHARACTER TO PRINTER (OPTIONAL)
561	5	SCANNER (OPTIONAL)
561	6	LABEL FORMATS (SERVICE)
561	7	LIGHT BARRIER (SERVICE)
561	8	SAVE SYSTEM DATA (SERVICE)

System Data (sub-menu M4)

Parameter No.	Index	Description
562	0	M0,12,M5,45,44,49,57; SYSTEM DATA
562	1	MAIN MENU
562	2	SETTING DATE AND TIME
562	3	DATA MANAGEMENT
562	4	PASSWORD ENTRY
562	5	PRINTER SETTINGS
562	6	ONLINE CONFIGURATION
562	7	SOFTWARE VERSIONS

Data Management (sub-menu M5)

Parameter No.	Index	Description
563	0	M0,28,29,39; DATA MANAGEMENT
563	1	MAIN MENU
563	2	ERASE DATA FILES
563	3	ERASE SYSTEM FILES
563	4	FORMAT DISK

11.2 Programming and Service menus

You can only use Programming and Service menus if you have inserted the security dongle and entered the appropriate PIN.



MK in a menu will switch you back to the Operator menus if there is no security dongle inserted.

Programming and Service menu (M0)

Parameter No.	Index	Description
660	0	MK,5,6,22,21,14,1,M1;PROGRAMMING AND SERVICE MENU
660	1	MAIN MENU
660	2	PARAMETER LIST
660	3	FUNCTIONS LIST
660	4	BARCODE FORMAT
660	5	COUNTRY CODE
660	6	FIELD DEFINITION LIST
660	7	LABELLING PROGRAM
660	8	SERVICE DATA MANAGEMENT (M)

Service Data Management (M1)

Parameter No.	Index	Description
661	0	M0,36,35,38,37,28,29,M2;SERVICE DATA MANAGEMENT (M)
661	1	SERVICE MENU (M)
661	2	LOAD SYSTEM
661	3	SAVE SYSTEM
661	4	LOAD DATA
661	5	SAVE DATA
661	6	ERASE DATA FILES
661	7	ERASE SYSTEM FILES
661	8	SERVICE DESIGN UTILITIES (M)

Service Design Utilities (M2)

Parameter No.	Index	Description
662	0	M0,34,10,3,4,41,42,M3;SERVICE DESIGN UTILITIES (M)
662	1	SERVICE MENU (M)
662	2	MODULE ADDRESS CODE
662	3	CHARACTERS TO PRINTER
662	4	LABEL FORMATS
662	5	SCANNER (OPTIONAL)
662	6	LOAD DATA SELECTIVE
662	7	SAVE DATA SELECTIVE
662	8	SERVICE TEST UTILITIES (M)

Service Test Utilities (M3)

Parameter No.	Index	Description
663	0	M0,55,43,87,88;SERVICE TEST UTILITIES (M)
663	1	SERVICE MENU (M)
663	2	LIGHT BARRIER
663	3	CALIBRATION OF THE SCALE
663	4	READING PARAMETER LIST
663	5	WRITING PARAMETER LIST

11.3 Operating sub-routines

(O) means available for Operator menus

(P) means available for Programming and Service menus

No.	Description	File name
1	Labelling program (P)	DATA.OBS
2	Ingredients texts (O)	DATA.ITL
3	Label formats (O)	DATA.FOR
4	Scanner (O)	DATA.FON
5	Parameter list (P)	SYSTEM.SYS
6	Functions list (P)	SYSTEM.FUN
10	Characters to printer (O)	
12	Set date and time (O)	
13	Erase all memory (system and data) (P)	
14	Field definition list (P)	SYSTEM.LFL
15	Advertising texts (O)	DATA.AVL
16	PLU/customer numbers (O)	DATA.PLU
17	List 1 texts (O)	DATA.RT1
21	Country formats (P)	SYSTEM.VER
22	Barcode formats (P)	SYSTEM.BAR
23	Date texts (P)	DATA.DTL
24	Save system data and RAM data on floppy (P)	
28	Erase RAM data (O)	
29	Erase system data (O)	
34	Device configuration (O)	SYSTEM.DEV
35	Save system data (P)	
36	Load system data (P)	
37	Save to disk (RAM data) (O)	
38	Load from disk (RAM data) (O)	
39	Format disk (floppy) (O)	

40	PLU texts (O)	DATA.TXL
41	Save RAM data (selective) (P)	
42	Load RAM data (selective) (P)	
43	Calibrate (P)	
44	Printer installation (O)	DATA.PRS
45	Password entry (O)	DATA.PWL
49	Online configuration (O)	DATA.PCC
55	Light barriers (P)	
57	Software version (O)	
61	List 2 texts (O)	DATA.RT2
62	List 3 texts (O)	DATA.RT3
64	Weight bands (O)	DATA.GBT
65	Printer reset (P)	
70	Erase PLU number	
71	Erase customer number	
72	Erase data texts	
73	Erase advertising texts	
74	Erase ingredients texts	
75	Erase list 1 texts	
76	Erase list 2 texts	
77	Erase list 3 texts	
78	Erase PLU texts	
79	Erase weight bands	
80	Erase label formats	
81	Erase total 4	
	Total 4	DATA.TOT
	ANALYSIS FUNCTION	DATA.ANA

11.4 Setting up passwords

You can use the machine without setting any passwords but your menus will not be protected from use or change by unauthorised persons.



The default setting for the machine is no passwords. To use password protection you must include the labelling sub–routine 45 (PASSWORD) in the User Program.

Password protection

Every item in a menu can be password protected. You can use up to three different passwords and each one may have up to ten characters.

You can assign a different password to each menu option or use the same password for several options. The owner of a password will be able to select and use any of the options sharing the same password.

Passwords are case sensitive and may contain up to 10 characters but the first one must be an alpha character

In the example the menu option PRODUCT DATA, and the clearing of total 3, are protected by the password SUPERVISOR. Data loading is protected by the password OPERATOR and Password Entry is protected by the password MANAGER.



Remember to set a password for the menu option PASSWORD ENTRY to prevent unauthorised users from setting or changing passwords.

Memorise the password. Without the dongle and PIN you will not be able to gain access to protected menu options.

select menu	MAIN MENU 1 DISK FUNCTIONS 2 PRODUCT DATA 3 LABEL FORMAT 4 SYSTEM DATA

-				
2 4 option	SYS ⁷ 1 MA 2 SE 3 DA 4 PA 5 PR 6 ON 7 SO	PROGRA IEM DATA IN MENU TTING TIME, TA MANAGE SSWORD EN INTER SETT LINE CONFI FTWARE VE	AM MENU	(Avery Berkel)
3 0 Menu number	MENU 2 0	PASSV NUMBER 2	NAME OF MENU OPTION PRODUCT DATA	PASSWORD SUPERVISOR
4 3 Menu option number	MENU 2 0	PASSV NUMBER 2 3	NAME OF MENU OPTION PRODUCT DATA	Avery Berkel PASSWORD SUPERVISOR
5 S Password	MENU 2 0	PASSV NUMBER 2 3	VORD ENTRY	Avery Berkel PASSWORD SUPERVISOR SUPERVISOR
6 Repeat steps 3 to 5 for all the passwords you need.				



Invisible Passwords

You can use up to three invisible passwords. Enter the passwords you want to use in the parameter numbers 496.01, 496.02, 496.03 (references .P1, .P2 and .P3).

Parameter	Index	Description	Attr	Value
496	01	Your password name		
496	02	Your password name		
496	03	Your password name		

Insert the password reference in the menu line at the appropriate position.

Example:

Menu item 8, SERVICE DATA CALIBRATION is protected by the invisible password, reference P1.

Product Data (sub-menu M2)

Parameter No.	Index	Description
560	0	M0,16,40,2,15,23,.1;P1 PRODUCT DATA
560	1	MAIN MENU
560	2	CREATE/EDIT PLU
560	3	PLU TEXTS
560	4	INGREDIENTS TEXTS
560	5	ADVERTISING TEXTS
560	6	DATE TEXTS
560	7	WEIGHT BANDS
560	8	SERVICE CALIBRATION (SERVICE)

12 Image scanner

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12 Image scanner

There are two routes available to the scanner option:

Operator Menus

Ε

In the Operator Menus select the Label Format menu and then select the Scanner option. You may require a password to be able to use the option.



several times to clear the message.

• Programming and Service Menus

You can only access the programming and service menus if you have been supplied with a dongle (security device) see section 1, page 1–3.

In the Programming and Service Menus select the Service Data Management menu, then select the Scanner option in the Service Design Utilities menu.

12.1 Scanning the image

To obtain good results from scanning you should:

- make sure that you keep the scanner parallel with the text (if necessary use a straight edge perpendicular to the side of the scanner to guide it)
- move the scanner slowly and steadily (if you move the scanner too fast some data may be missed).

Refer to the instructions supplied with your scanner for information on the correct settings for density and resolution.



A

To exit the scanner option press the white key $\mid \mathbf{E} \mid$

This is the only way to exit this option.





12.2 Manipulating the image



Deleting nearby image components





Do not try and delete parts of the image if they are touching the edge of the screen. If this should happen you will have to switch off the machine for a few seconds.

Saving the image

You can only save the area enclosed by the cursor frame. The maximum height you can save is 250 dots and the maximum width you can save is 250 dots.



Use font numbers from **70** to **97** to save your images and character sets.

Example:

Saving the scanned image as character B in Font 76.





12.3 Editing the image

You can use the zoom function to edit scanned images or to create a completely new character by creating and deleting the individual dots that make up the image.

Deleting and creating dots





Retaining dot create or dot delete function

You can retain the dot create or delete function for as long as you need. You must deselect the function when you have finished or when you want to select the alternative function.





Same height characters









F6 you must resize it as described in step 2, page 12–10.



Creating additional characters

Carry out the following procedure for each character you want to create.



12.4 Scaling an image

You can scale an image to enlarge or reduce its size.
Use the key F2 and enter the appropriate enlargement
factor.
To increase size: select a factor larger than 1.
To decrease size select a factor less than 1.

Example:

Factor value 2

doubles the size

Factor value 0.5 halves the size



You must not make images or characters larger than 33.7mm x 33.7mm. This is the maximum size that can be stored in the memory.





12.5 Recalling images

You can recall stored images by entering the font number and character identification for the image you want.

You may enter the identifications for several characters sequentially.

1 F4	CHARAC	Font Character	(Avery Berke)
	F1 SCAN	F5 TEST PRINT	F8 CHARACTER SIZE
	F2 ENLARGE	F6 CHARACTER WITH DESC.	F9 ZOOM
	F3 STORE	F7 CHARACTER WITHOUT DESC.	F10 MOVE CURSOR
	F4 LOAD IMAGE	D DELETE	E END
2 7 8 font number	CHARAC	TER DESIGN	(Avery Berkel)
E	F1 SCAN	F5 TEST PRINT	F8 CHARACTER SIZE
	F2 ENLARGE	F6 CHARACTER WITH DESC.	F9 ZOOM
	F3 STORE	F7 CHARACTER WITHOUT DESC.	F10 MOVE CURSOR
	F4 LOAD IMAGE	D DELETE	E END





Providing that you have not exited the scanner program after scanning in an image, you can recall that image.

Enter font number 78 and press

Ε·

13 Data transfer

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13 Data transfer

The data management functions enable you to save system data and product data to disk and to load the data from disk . You may also delete the data if necessary.

There are two routes available to the data management options:

• Operator Menus

In the Operator Menus you may require a password to be able to use an option.

• Programming and Service Menus

You can only access the programming and service menus if you have been supplied with a dongle (security device) see section 1, page 1–3.

Operator Menu route



If you see the message INCORRECT PASSWORD and

you do not know the password you can press

several times to clear the message.



F to return to Main Menu

MAIN MENU 1 DISK FUNCTIONS 2 PRODUCT DATA 3 LABEL FORMAT 4 SYSTEM DATA 5 READING PARAMETER LIST 6 WRITING PARAMETER LIST
PROGRAM NUMBER 4




Programming and Service Menu route

13.1 System files

System files store the data needed to operate the B806/B901 and may be referred to as the operating system.

System file names

System files are identified by a file name and file extension. The name and the extension are separated by a point and both the name and extension are used together to uniquely identify the system file. The file name has a maximum of eight characters.

Example:



The file extension has three characters and you must use the correct extension for the type of data you want to save or load. Listed below are the file extensions used by the B806/B901 and the type of system file to which they apply.

.SYS	Parameter list
.FUN	Function list
.LFL	Field definition list
.VER	country formats
.BAR	Barcode formats
.DEV	Device configuration

Loading system files from disk



The system data is added to by the records loaded from the disk and records with the same number are overwritten. Always make a new backup disk for the operating system after any changes to the system files.

Use this function when you need to update your system files.

1 select menu	PROGRAM MENU PROGRAMMING AND SERVICE MENU 1 MAIN MENU (M) 2 PARAMETER LIST 3 FUNCTIONS LIST 4 BARCODE-FORMAT 5 COUNTRY-CODE 6 FIELD DEFINITION LIST 7 LABELLING-PROGRAM 8 SERVICE DATA MANAGEMENT (M)				
	UNIT PRICE £/kg kg TARE kg WEIGHT				
2 2 select option	TRADE WITH THE PUBLIC Gross CLASS III Max 3/6/8 kg Min 20g e = d = 1g PROGRAM MENU Average and the second se				
3 E confirm entry	SERVICE DATA MANAGEMENT 1 SERVICE MENU (M) 2 LOAD SYSTEM 3 SAVE SYSTEM 4 L 5 S FILE NAME?: SYSTEM.* 6 EKASE DATA FILES 7 ERASE SYSTEM FILES 8 SERVICE DESIGN UTILITIES (M)				



The default file name is SYSTEM. You may change this to match the file names on the disk.



Saving system files to disk





The default file name is SYSTEM. You may change this to match the file names on the disk. The file name must have at least three characters but no more than eight. The first character must be an alpha character.



You must use an empty disk to create the backup. Saving system files to an existing backup disk will not overwrite unwanted data.

13.2 Data files

Data file names

Data files are identified by a file name and file extension. The name and the extension are separated by a point and both the name and extension are used together to uniquely identify the data file. The file name describes the content of the file and can have up to eight characters. The first one must be an alpha character.

Example:



Filename Extension

The file extension has three characters and you must use the correct extension for the type of data you want to save or load. Listed below are the file extensions used by the B806/B901 and the type of data to which they apply.

.TXL	Article texts
.ITL	Ingredient texts
.DTL	Date texts
.AVL	Advertising texts
.RT1	List 1 texts
.OPS	Labelling program
.FOR	Label formats
.FON	Character records
.PLU	PLU numbers
.CUS	Customer numbers
.PRS	Printer set-up values
.PWL	Password entry
ТОТ	Total 4

If you want to save or load all the data files stored with the same name use the file extension:

*

For example, if you enter the name **DATA.*** all files with that name, for example, **DATA.PLU**, **DATA.FON**, **DATA.CUS**, will be saved or loaded at once.

Keep a note of any filenames you use that are different from the default filename.

Deleting the data files

PLU numbers, label formats, labelling programs, PLU texts, etc. are stored in the RAM. If you frequently add or delete data the system will contain redundant data. This data occupies RAM storage space and reduces the amount of memory available. To overcome this problem:

•

- 1. Save the current data to disk as a backup.
- 2. Delete all the redundant data.
- 3. Save the useful data to a **new** disk as a new backup

This process is only necessary when the RAM storage is almost full!

You must use an empty disk to create the new backup. Saving data files to an existing backup disk will not overwrite unwanted data.

This option may be password protected.





%





If you press 1 deleting the data will begin

immediately.

Loading data from disk



The RAM is not cleared when data is loaded from disk. The RAM data is added to by the records loaded from the disk and records with the same number are overwritten..







Saving data to disk



E	
3	
filename OK?	DISK FUNCTIONS 1 MAIN MENU
	2 DATA SAVING 3 DAT
70	FILE NAME?: DATA.PLU
6	
wrong filename?	
	DISK FUNCTIONS
Del	1 MAIN MENU 2 DATA SAVING
	^{3 DAT} / FILE NAME?
clear current filename	
(7)	
	DISK FUNCTIONS
15	1 MAIN MENU 2 DATA SAVING
enter file name	^{3 DATA} FILE NAME?: AVERY.PLU
(8)	
E	DISK FUNCTIONS
	1 MAIN MENU
	2 DATA SAVING 3 DATA
	B:\AVERY.PLU
	•
	DISK FUNCTIONS
	2 DATA SAVING
	SAVING IN PROGRESS





Caution:

Always use a separate disk to save your data files. Do not use your system disk.

Do not remove the disk until the disk light is extinguished.

14 Recovering from disaster

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14 Recovering from disaster

Only use the delete and re-boot option if there is no other way of reinstating the operating system.



If the system files have become corrupted or you need to load a new operating program try loading the system files from disk before you resort to this procedure (see section 13, Data transfer.

14.1 Deleting the operating system



Before deleting the operating program (system files), make sure that you have the disk with the new operating program available.

This option may be password protected.

Programming and Service Menu route

1 7 select option	SERVICE DATA MANAGEMENT 1 SERVICE MENU (M) 2 LOAD SYSTEM 3 SAVE SYSTEM 4 LOAD DATA 5 SAVE DATA 6 ERASE DATA FILES 7 ERASE SYSTEM FILES 8 SERVICE DESIGN UTILITIES (M)
	SERVICE DATA MANAGEMENT 1 SERVICE MENU (M) 2 LOAD SYSTEM 3 SAVE SYSTEM 4 LOAD DATA 5 SAVE 6 ERAS ARE YOU SURE ? Yes = 1 No = 0 7 ERASE SYSTEM FILES 8 SERVICE DESIGN UTILITIES (M)



Operator Menu route

1 3 select option	DATA MANAGEMENT 1 MAIN MENU 2 ERASE DATA FILES 3 ERASE SYSTEM FILES 4 FORMAT DISK
	DATA MANAGEMENT 1 MAIN MENU 2 ERASE DATA ELLES 3 ERAS ARE YOU SURE ? Yes = 1 No = 0
	DATA MANAGEMENT 1 MAIN MENU 2 ERAS 3 ERAS SWITCH OFF AND ON 4 FORMAT DISK



If you press **1** deleting the system files will begin

immediately.

When all the operating system has been deleted (no menu on screen) you must switch off the machine for at least 20 seconds.

You may now switch on the machine and load the operating system from disk.

14.2 Loading operating system from disk





The default file name is SYSTEM. Enter the file name that corresponds to the file names on the disk.



8				
	PRE-PA	CK MODE		Avery Berkel
Press any key. The machine will take approximately 45 secs to initialise and find zero.	PLU No	4		
	UNIT PRICE £/kg	kg	TARE	kg WEIGHT 0.000
	NOT TO BE USED FOR DIRECT TRADE WITH THE PUBLIC	→0← Gross CLASS III		Max 3/6/8 kg Min 20g e = d = 1g
9 Go to Operator m disk iessary.	enu and load o	data files fro	m data	backup

15 Quick tips

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15 Quick tips

15.1 Key functions



\square		Move to next parameter			
$\left \right $	\triangleright	Move between standard and selection lists Move cursor			
F1		Delete/Clear			
F3		Save			
F2	0 1 2	Position of text in field left middle right	F4 0	Font type normal inverse	
F5		Insert a line			
F6		Insert a character when increase character heigh during label formatting.	text editing ont/width 1 to 9	r 9 times	
F7		Field identification (0, 1, 2, 3, 4 or 5)	Default 0	Always printed if data is present	
F8		Fixed text input.			
F9		Browse or auto search when creating or editing PLUs.			
F10		Return to start of screen or to previous menu.			

F6	With cursor on PLU number, copies PLU when in Create and Edit PLU.
#	Text reference (followed by the text reference number)

15.2 Useful parameters and functions

Parameters

Parameter	Index	Description	Attr
88	4	PASSWORD	
96	50	Jump to label program 50	
3	3	Return to start	
3	5	Return to previous menu	

Automatic and manual modes

Parameter	Index	Description	Attr
570	76	125 (automatic)	
570	76	250 (manual)	



In manual mode the applicator still operates.

Functions and subroutines

in the attribute column means that the new value will be stored in the memory and recalled when the PLU is selected. The new value can be either programmed in PLU edit or entered by the operator when the PLU is selected.

Lab	Labelling Program No. 102					
line	code	sub code	Description	Attribute	Value	
1	62	0	Unit price	#	0	
2	63	0	Tare		0	
3	3	5	Return to previous menu		0	

saves the price change when PLU is deselected.

Set-up for long packs

line	code	sub code	Description	Attribute	Value
1	60	0	PLU No		0
2	125	1	LONG PACKS ON		0

Insert parameter 125_1 below parameter 60_0 in the labelling program.



If you see LONG PACKS OFF in the description for parameter 125_1 it really means LONG PACKS ON.

Switching to customer menu

MK in a menu will switch you back to the Operator menus if there is no security dongle inserted.

Example:

Parameter No.	Index	Description
660	0	MK,5,6,22,21,14,1,M1;PROGRAMMING AND SERVICE MENU
660	1	MAIN MENU
660	2	PARAMETER LIST
660	3	FUNCTIONS LIST
660	4	BARCODE FORMAT
660	5	COUNTRY CODE
660	6	FIELD DEFINITION LIST
660	7	LABELLING PROGRAM
660	8	SERVICE DATA MANAGEMENT (M)

15.3 Transmit weight and PLU number

Labelling Program No. 112					
line	code	sub code	Description	Attribute	Value
1	3	1	Special Mode 1		0
2	90	7	BRA. IF WEIGHT TO		4
3	90	0	Branch always to		1
4	58	0	TRANSMIT TO HOST		899.14
5	90	0	Branch always to		1



Enter the net weight parameter and index number, and PLU number in the description column of parameter 899.14 in the parameter list.

Example:

Net weight parameter and index number 11.0; PLU number 60.0 Enter as 11.0, 60.0;

Parameter	Index	Description	Attr	Value
899	14	11.0, 60.0;		0

15.4 Printing

Total 4 print out

PLU number

888888	totals will be printed on labels
999999	totals will be printed on continuous paper

Sort type

- 0 = PLU then customer
- 1 = Customer then the PLU

Advertising text

La	belliı	ng Pro	ogram			
line	e (code	sub code	Description	Attribute	Value
1	ł	56	1	ENABLE ADVERT TEXT		0

With this function in the labelling program a 'stored advertising text' may be assigned to the PLU when it is selected and will be printed in the appropriate field on the label.

Inserting # in the attribute column will store the advertising text with the PLU when it is deselected. When the PLU is recalled the stored text number may then be accepted or changed by the operator.

Operator input

Use parameter 200.03 after parameter 60.00 in the labelling program. You can use this parameter several times if needed. Enter the parameter number for the PLU text in in the value column against parameter 200.03. This particular example allows the operator to insert the PLU description for line 1 and line 2 when the PLU is selected.

You could use this function to print batch or lot numbers on labels to assist traceability.

Labelling Program					
line	code	sub code	Description	Attribute	Value
1	60	0	PLU No		0
1	200	03	Operator entry		100.01
1	200	03	Operator entry		100.02



Remember to enable a field in the label format for each Operator Input to be printed.

15.5 Operator information

Displays text to the operator. The text message must be defined within the labelling program under the number shown in the value column.

Parameter	Index	Description	Attr	Value
200	00	Operator info		900.03
200	01	Operator info (3 sec)		553.04

15.6 Passwords

You can include passwords in labelling programs by inserting the parameter 88.04 in the appropriate position.

Total 3

Enter 99 in the value column against parameter 88.04 to protect the printing of total 3.

Labelling Program					
line	code	sub code	Description	Attribute	Value
1	60	0	PLU No		0
2	88	04	PASSWORD		99

Invisible passwords

You can use up to three invisible passwords. Enter the passwords you want to use in the parameter numbers 496.01, 496.02, 496.03 (references .P1, .P2 and .P3).

Parameter	Index	Description	Attr	Value
496	01	Your password name		
496	02	Your password name		
496	03	Your password name		

Insert the password reference in the menu line at the appropriate position.

Example:

Menu item 8, SERVICE DATA CALIBRATION is protected by the invisible password, reference P1.

Product Data (sub-menu M2)

Parameter No.	Index	Description
560	0	M0,16,40,2,15, 23, 64, 43. P1; PRODUCT DATA
560	1	MAIN MENU
560	2	CREATE/EDIT PLU
560	3	PLU TEXTS
560	4	INGREDIENTS TEXTS
560	5	ADVERTISING TEXTS
560	6	DATE TEXTS
560	7	WEIGHT BANDS
560	8	SERVICE CALIBRATION (SERVICE)

15.7 Designing label fields

Initially create a small field, for example, two characters. Move and manipulate this field until you have it in the correct position before enlarging it to the required size.

16 Parameter list

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16 Parameter list

The Parameter List appears as two separate display windows. The Standard Program displays the complete list of default parameters available in a standard machine. The Selection Program lists all the parameters selected from the Standard Program which have been altered and non–standard parameters which have been enabled.

All the parameters in the Standard and Selection Programs are available for you to use in the Function List and the Field Definition List.



If the same parameter number and index number appear in both the standard and selection lists, the value or description used will be the one displayed in the selection list.

16.1 Handling the Parameter List

You will only be able to display or use the Parameter List if it is available to you in the menu. You must transfer parameters from the Standard Program to the Selection Program if you want to alter them in any way.

Key functions

F5

F1

Del





Delete character in front of cursor



Insert space for character



Save the changes

Standard Program

Parameter	Index	Description
1	0	One line up
2	0	Tare
3	0	STANDARD MODE
3	1	Special Mode 1
3	2	Repeat last key
3	3	Return to start
3	4	SPECIAL MODE 2
3	5	Return to previous menu
4	0	MINUS
5	0	IMAGE DENSITY
5	1	TOTAL PRINTER SETTINGS
6	0	REAL WEIGHT
7	0	WEIGHT WITHOUT WATER
8	0	Unit price
9	1	PLU no. used to print: total 1
9	2	PLU no. used to print: total 2
9	3	PLU no. used to print: total 3
9	5	PLU no. used to print: total 5
10	1	CUSTOMER No. TOTAL 1
10	2	CUSTOMER No. TOTAL 2
10	3	CUSTOMER No. TOTAL 3
10	5	CUSTOMER No. TOTAL 5
11	0	Net Wt. Kg/lb
12	0	Pagination number
17	0	Weight general mode
18	0	Price general mode
Parameter	Index	Description
-----------	-------	--------------------------
19	0	REPEAT LABEL
19	1	TERMINAL-DELAY
21	0	Pack price
22	0	Weight symbol
22	1	Tot Wt. symbol Kg/lb
23	0	Price symbol
23	1	Tot. Price symbol
24	0	Unit price symbol
25	0	Weight Symbol oz
25	1	Tot.Wt. Symbol oz
30	0	System date
31	0	CHANGE SYSTEM DATE
31	1	
31	2	
32	0	Time
33	0	Date 1
34	0	Date 2
35	0	Date 3
36	0	Barcode EAN 8
37	0	Barcode EAN –13
39	0	Barcode ITF 2:1
40	0	Barcode ITF 5:2
41	0	Barcode ITF 3:1
42	0	Barcode Code 39 2:1
43	0	Barcode Code 39 5:2
44	0	Barcode Code 39 3:1
45	0	Barcode Codabar
47	0	Barcode Code 128
48	0	Barcode EAN –128
49	0	Barcode Code 49
50	0	Barcode EAN13–NORM
51	0	Speed field No.1
52	0	WEIGHT WITHOUT WATER (%)
53	0	WEIGH-PRICE LABELLING
53	1	FIXED PRICE

Parameter	Index	Description
53	2	FIXED WEIGHT
53	3	FIXED PRICE + Qty
53	4	FIXED WEIGHT + PRICE
53	5	FIXED WEIGHT + UNIT PRICE
53	9	UNIT PRICE
53	11	FIXED Qty
53	10	WITHOUT SCALE
53	99	7.0
54	0	Labelling Mode
55	1	Enable total 1
55	2	Enable total 2
55	3	Enable total 3
55	4	Enable total 4
55	5	Enable total 5
56	1	ENABLE ADVERT TEXT
56	2	ENABLE INGRED. TEXT
56	3	ENABLE DATE TEXT
56	4	ENABLE ARTICLE TEXT
56	5	ENABLE TEXT LIST
58	0	TRANSMIT TO HOST
58	1	Wait on host
58	2	Take next function
58	3	CLEAR HOST QUEUE
58	4	CLEAR WS-RAM
58	5	PRESS ANY KEY (OFFLINE)
58	6	COMMUNICATION-ERROR
58	7	SEND_ON_HOST_MODE0
58	8	CLEAR HOST CONDITION
59	0	BARCODE
59	1	BARCODE SUPPRESSION
60	0	PLU No
60	1	NEW PLU/CUSTOMER No.
60	2	NEW PLUOLD CUSTOMER
60	3	OLD PLUNEW CUSTOMER
60	10	PLU %d CUSTOMER %d NOT FOUND

61 0 CUSTOMER No.: 62 0 Unit price 63 0 Tare 64 1 PAGINATION SINGLE 64 2 PAGINATION START No. 64 3 PAGINATION START No. 64 0 PAGINATION STOP 68 0 Renew screen 69 1 SUPPRESS LABEL 69 2 KEY E ON 69 3 KEY E OFF 70 0 Print No. of pkt. *1 71 0 Print weight of *1 Kg/lb 72 0 Print Wt. *2 Kg/lb 73 0 Print No. of pkt. *2 74 0 Print Vt. *2 Kg/lb 75 0 Print price *1 73 0 Print No. of pkt. *2 76 0 Print No. of pkt. *2 77 0 Print No. of pkt. *1 79 1 PRINT TOTAL 1 79 2 PRINT TOTAL 2 79	Parameter	Index	Description
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69 2 KEY E ON 69 3 KEY E OFF 70 0 Print No. of pkt. *1 71 0 Print weight of *1 Kg/lb 72 0 Print price *1 73 0 Print No. of pkt. *2 74 0 Print Wt.*2 Kg/lb 75 0 Print price *2 76 0 Print No. of pkt. *2 77 0 Print Wt.*3 Kg/lb 78 0 Print price *3 79 1 PRINT TOTAL 1 79 2 PRINT TOTAL 2 79 3 PRINT TOTAL 3 79 4 PRINT TOTAL 5 80 1 SET TARGET BOX WEIGHT 80 2 Set No. of Packs in a box 80 3 Set target price of the box 80 4 No. of boxes on a pallet 80 5 Set Total 2 target weight 81 1 Display accumulated weight of packs in a box	69	1	SUPPRESS LABEL
69 3 KEY E OFF 70 0 Print No. of pkt. *1 71 0 Print weight of *1 Kg/lb 72 0 Print price *1 73 0 Print No. of pkt. *2 74 0 Print Wt.*2 Kg/lb 75 0 Print price *2 76 0 Print No. of pkt. *2 77 0 Print Wt.*3 Kg/lb 78 0 Print price *3 79 1 PRINT TOTAL 1 79 2 PRINT TOTAL 2 79 3 PRINT TOTAL 3 79 4 PRINT TOTAL 4 79 5 PRINT TOTAL 5 80 1 SET TARGET BOX WEIGHT 80 2 Set No. of Packs in a box 80 3 Set target price of the box 80 3 Set Total 2 target weight 81 1 Display accumulated weight of packs in a box	69	2	KEY E ON
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71 0 Print weight of *1 Kg/lb 72 0 Print price *1 73 0 Print No. of pkt. *2 74 0 Print Wt.*2 Kg/lb 75 0 Print price *2 76 0 Print Wt.*3 Kg/lb 78 0 Print wit.*3 Kg/lb 78 0 Print price *3 79 1 PRINT TOTAL 1 79 2 PRINT TOTAL 2 79 3 PRINT TOTAL 3 79 4 PRINT TOTAL 5 80 1 SET TARGET BOX WEIGHT 80 2 Set No. of Packs in a box 80 3 Set target price of the box 80 4 No. of boxes on a pallet 80 5 Set Total 2 target weight 81 1 Display accumulated weight of packs in a box	70	0	Print No. of pkt. *1
72 0 Print price *1 73 0 Print No. of pkt. *2 74 0 Print Wt.*2 Kg/lb 75 0 Print price *2 76 0 Print No. of pkt. *2 77 0 Print Wt.*3 Kg/lb 78 0 Print price *3 79 1 PRINT TOTAL 1 79 2 PRINT TOTAL 2 79 3 PRINT TOTAL 3 79 4 PRINT TOTAL 4 79 5 PRINT TOTAL 5 80 1 SET TARGET BOX WEIGHT 80 2 Set No. of Packs in a box 80 3 Set target price of the box 80 4 No. of boxes on a pallet 80 5 Set Total 2 target weight 81 1 Display accumulated weight of packs in a box 81 2 Display accumulated no of packs in box	71	0	Print weight of *1 Kg/lb
73 0 Print No. of pkt. *2 74 0 Print Wt.*2 Kg/lb 75 0 Print price *2 76 0 Print No. of pkt. *2 77 0 Print Wt.*3 Kg/lb 78 0 Print price *3 79 1 PRINT TOTAL 1 79 2 PRINT TOTAL 2 79 3 PRINT TOTAL 3 79 4 PRINT TOTAL 4 79 5 PRINT TOTAL 5 80 1 SET TARGET BOX WEIGHT 80 2 Set No. of Packs in a box 80 3 Set target price of the box 80 4 No. of boxes on a pallet 80 5 Set Total 2 target weight 81 1 Display accumulated weight of packs in a box 81 2 Display accumulated no of packs in box	72	0	Print price *1
74 0 Print Wt.*2 Kg/lb 75 0 Print price *2 76 0 Print No. of pkt. *2 77 0 Print Wt.*3 Kg/lb 78 0 Print price *3 79 1 PRINT TOTAL 1 79 2 PRINT TOTAL 2 79 3 PRINT TOTAL 3 79 4 PRINT TOTAL 4 79 5 PRINT TOTAL 5 80 1 SET TARGET BOX WEIGHT 80 2 Set No. of Packs in a box 80 3 Set target price of the box 80 4 No. of boxes on a pallet 80 5 Set Total 2 target weight 81 1 Display accumulated weight of packs in a box	73	0	Print No. of pkt. *2
75 0 Print price *2 76 0 Print No. of pkt. *2 77 0 Print Wt.*3 Kg/lb 78 0 Print price *3 79 1 PRINT TOTAL 1 79 2 PRINT TOTAL 2 79 3 PRINT TOTAL 3 79 4 PRINT TOTAL 4 79 5 PRINT TOTAL 5 80 1 SET TARGET BOX WEIGHT 80 2 Set No. of Packs in a box 80 3 Set target price of the box 80 4 No. of boxes on a pallet 80 5 Set Total 2 target weight 81 1 Display accumulated weight of packs in a box	74	0	Print Wt.*2 Kg/lb
760Print No. of pkt. *2770Print Wt.*3 Kg/lb780Print price *3791PRINT TOTAL 1792PRINT TOTAL 2793PRINT TOTAL 3794PRINT TOTAL 4795PRINT TOTAL 5801SET TARGET BOX WEIGHT802Set No. of Packs in a box803Set target price of the box804No. of boxes on a pallet805Set Total 2 target weight811Display accumulated weight of packs in a box812Display accumulated no of packs in box	75	0	Print price *2
770Print Wt.*3 Kg/lb780Print price *3791PRINT TOTAL 1792PRINT TOTAL 2793PRINT TOTAL 3794PRINT TOTAL 4795PRINT TOTAL 5801SET TARGET BOX WEIGHT802Set No. of Packs in a box803Set target price of the box804No. of boxes on a pallet805Set Total 2 target weight811Display accumulated weight of packs in a box	76	0	Print No. of pkt. *2
780Print price *3791PRINT TOTAL 1792PRINT TOTAL 2793PRINT TOTAL 3794PRINT TOTAL 4795PRINT TOTAL 5801SET TARGET BOX WEIGHT802Set No. of Packs in a box803Set target price of the box804No. of boxes on a pallet805Set Total 2 target weight811Display accumulated weight of packs in a box	77	0	Print Wt.*3 Kg/lb
791PRINT TOTAL 1792PRINT TOTAL 2793PRINT TOTAL 3794PRINT TOTAL 4795PRINT TOTAL 5801SET TARGET BOX WEIGHT802Set No. of Packs in a box803Set target price of the box804No. of boxes on a pallet805Set Total 2 target weight811Display accumulated weight of packs in a box	78	0	Print price *3
792PRINT TOTAL 2793PRINT TOTAL 3794PRINT TOTAL 4795PRINT TOTAL 5801SET TARGET BOX WEIGHT802Set No. of Packs in a box803Set target price of the box804No. of boxes on a pallet805Set Total 2 target weight811Display accumulated weight of packs in a box	79	1	PRINT TOTAL 1
793PRINT TOTAL 3794PRINT TOTAL 4795PRINT TOTAL 5801SET TARGET BOX WEIGHT802Set No. of Packs in a box803Set target price of the box804No. of boxes on a pallet805Set Total 2 target weight811Display accumulated weight of packs in a box812Display accumulated no of packs in box	79	2	PRINT TOTAL 2
794PRINT TOTAL 4795PRINT TOTAL 5801SET TARGET BOX WEIGHT802Set No. of Packs in a box803Set target price of the box804No. of boxes on a pallet805Set Total 2 target weight811Display accumulated weight of packs in a box812Display accumulated no of packs in box	79	3	PRINT TOTAL 3
795PRINT TOTAL 5801SET TARGET BOX WEIGHT802Set No. of Packs in a box803Set target price of the box804No. of boxes on a pallet805Set Total 2 target weight811Display accumulated weight of packs in a box812Display accumulated no of packs in box	79	4	PRINT TOTAL 4
801SET TARGET BOX WEIGHT802Set No. of Packs in a box803Set target price of the box804No. of boxes on a pallet805Set Total 2 target weight811Display accumulated weight of packs in a box812Display accumulated no of packs in box	79	5	PRINT TOTAL 5
802Set No. of Packs in a box803Set target price of the box804No. of boxes on a pallet805Set Total 2 target weight811Display accumulated weight of packs in a box812Display accumulated no of packs in box	80	1	SET TARGET BOX WEIGHT
803Set target price of the box804No. of boxes on a pallet805Set Total 2 target weight811Display accumulated weight of packs in a box812Display accumulated no of packs in box	80	2	Set No. of Packs in a box
804No. of boxes on a pallet805Set Total 2 target weight811Display accumulated weight of packs in a box812Display accumulated no of packs in box	80	3	Set target price of the box
805Set Total 2 target weight811Display accumulated weight of packs in a box812Display accumulated no of packs in box	80	4	No. of boxes on a pallet
811Display accumulated weight of packs in a box812Display accumulated no of packs in box	80	5	Set Total 2 target weight
81 2 Display accumulated no of packs in box	81	1	Display accumulated weight of packs in a box
	81	2	Display accumulated no of packs in box
81 3 TOTAL1 PACK PRICE	81	3	TOTAL1 PACK PRICE
81 4 Display the no. of boxes packed	81	4	Display the no. of boxes packed
81 5 DISPLAY TOTAL2 WEIGHT	81	5	DISPLAY TOTAL2 WEIGHT

Parameter	Index	Description
82	0	MINUS WEIGHT
83	0	MINUS PRICE
84	0	Print Weight *4
85	0	Print Price *4
86	0	Print No. of pkt. *4
87	0	Print Tare *4
88	0	Stop automatic print
88	1	Automatic print
88	2	Wait for key
88	3	use key
88	4	PASSWORD
88	10	Automatic total print off
88	11	Automatic total; print on
88	12	Registra Variant No. :
88	13	Registra *4 Alternative
88	14	STOP PACK NOT ACTIVE
88	15	STOP PACK ACTIVE
88	16	WALDISSA ACTIVE
88	17	WALDISSA NOT ACTIVE
89	0	DISPLAY LABEL
89	1	Logo to printer
90	0	Branch always to
90	1	BRA. IF PRES. *1 TO
90	2	BRA. IF PRES. *2 TO
90	3	Branch if numeric to
90	4	Branch if * to line
90	5	Branch if key F to
90	6	Branch if key x to
90	7	BRA. IF WEIGHT TO
90	8	BRANCH IF HOST
90	9	BRANCH IF ERROR
90	10	BRANCH IF DB_PAG i
90	11	COUNTER 1=0 BRANCH Ù
90	12	COUNTER 2=0 BRANCH Ù
90	13	COUNTER 3=0 BRANCH Ù

Parameter	Index	Description
90	14	COUNTER 4=0 BRANCH Ù
90	20	BRANCH IF PAKSTOP
90	21	BRANCH IF REST = 0
90	22	BRANCH IF LASTKEY x TO
90	24	Test port bit(art) :
91	0	Country Code
91	1	GB lb oz No Symbols
91	2	GB lb oz With Symbols
91	3	GB Decimal lb No Symbols
91	4	GB Decimal Ib With Symbols
91	5	GB kg No Symbols
91	6	GB kg with symbols
91	7	Austria 010 S
91	8	Italy 10 L
91	9	USA
91	10	Luxemburg
91	11	Scandinavia
91	12	Yugoslavia
91	13	
91	14	Greece
91	15	Israel
91	16	Spain
91	17	Arabian Countries
91	18	Switzerland + Symbols
91	19	GB lb oz no Symbols
91	20	
91	21	
91	22	Italy 5 L
91	23	Finland
91	24	Belgium 1 F
91	25	US–Nato
91	26	Austria 01 S
91	27	GB lb oz with Symb.
91	28	GB kg with Symbols
91	29	GB kg no Symbols

Parameter	Index	Description
91	30	GB dec.lb no Symbols
91	31	GB dec.lb with Symb.
92	0	Total Printer No.
93	1	Adv.Text Total Printer
93	2	Ingr.Txt Total Printer
93	3	Date Txt Total Printer
93	4	Art.Text Total Printer
93	5	List Txt Total Printer
94	0	No. of Packs
94	3	Batch 0=OFF 1=ON
94	9	Remaining Packs
94	10	DO REST
95	0	Use Labelling Program. No.
95	1	Ignore operation mode
96	1	Base Mode
96	49	Operat. Mode Key E
96	50	Standard Labelling Program
96	51	Main Operation Mode2
96	101	Release of Totals
96	102	Unit Price + Tare
96	103	Preselect. + Display
96	104	Minus
96	105	Fast Data Input
96	106	Display Total Values
96	107	Display Total 1
96	108	Pusher (Machine)
96	109	Pusher (Article)
96	200	Stop label. by Host
96	201	Send Total 1 Ù Host
96	202	Send Total 2 Ù Host
97	1	'Pack weighed' on
97	2	'Pack weighed' off
97	0	P
99	0	LOWER WEIGHT LIMIT
99	1	UPPER WEIGHT LIMIT

Parameter	Index	Description
99	14	MAX DEVIATION
99	2	FIXED WEIGHT
99	3	FIXED PRICE
100	1	PLU text L.1
100	2	PLU text L.2
100	3	PLU text L.3
100	4	PLU text L.4
100	5	PLU. Text L.5
100	6	PLU. Text L.6
100	7	PLU. Text L.7
100	8	PLU. Text L.8
100	9	PLU. Text L.9
101	2	S020
101	1	PLU name?:
102	0	Sort type no.
103	0	Tare imp.lb
104	0	Tare oz
105	0	Net Weight imp.lb
106	0	Net Weight oz
107	0	Print Wt.*1 imp.lb
108	0	Print Wt.*1 oz
109	0	Print Wt.*2 imp.lb
110	0	Print Wt.*2 oz
111	0	Print Wt.*3 imp.lb
112	0	Print Wt.*3 oz
113	0	Gross Wt. kg/lb dec.
114	0	Gross Weight imp.lb
115	0	Gross Weight oz
120	0	NO LABEL ROTATION
120	1	LABEL ROTATION LEFT
120	2	LABEL ROTATION RIGHT
120	3	LABEL ROTAT. (0126)
120	4	LABEL ROTAT./COMMOD.
120	5	LABEL ROTAT./MACHINE
121	0	LAMP OFF

Parameter	Index	Description
121	1	LAMP ON
121	2	LAMP FAST FLASH
121	3	LAMP SLOW FLASH
121	4	LAMP COMMOD. (0–3)
122	0	Applicator force (1–255)
122	1	Applicator force/PLU+D375.
122	2	Applicator force/machine
122	4	start stop = 1
122	5	Applicator force (+)
122	6	Applicator force (–)
123	0	SLOW CONVEYOR SPEED
123	1	NORM. CONVEYOR SPEED
123	2	FAST CONVEYOR SPEED
123	3	Convey. speed (0–2)
123	4	Convey.speed (1–255)
124	0	Label posit. (1–255)
124	1	Label posit./PLU.
124	2	Label Position/machine
124	3	Label- Position (+)
124	4	Label- Position (-)
124	99	Position
125	0	LONG PACKS OFF
125	1	LONG PACKS OFF
126	0	SLOW CONVEYOR STOP
126	1	NORMAL CONVEYOR STOP
126	2	FAST CONVEYOR STOP
126	3	SUPERSLOW CONV. STOP
126	4	CONVEYOR STOP (0-3)
127	0	Start conveyor
127	1	No package to scale
127	2	Stop conveyer
130	0	Scale No.
131	0	Display Scale No.
132	0	Product subtotal weight
133	0	Product subtotal price

Parameter	Index	Description
134	0	Product subtotal Qty.
135	0	Product total weight
136	0	Product total price
137	0	Product total Qty.
138	0	Product subtotal tare
139	0	Product total tare
141	0	Pagination No. 1
142	0	Pagination No. 2
143	0	Pagination No. 3
144	0	Pagination No. 4
145	1	Incr. Pagination 1:+
145	2	Incr. Pagination 2:+
145	3	Incr. Pagination 3:+
145	4	Incr. Pagination 4:+
146	1	Decr. Pagination 1:-
146	2	Decr. Pagination 2:-
146	3	Decr. Pagination 3:-
146	4	Decr. Pagination 4
147	0	5.0
147	1	5.0
147	2	5.0
147	3	5.0
147	4	5.0
150	0	Product group number
151	0	Automatic
151	1	Manual
151	2	Transport
180	1	DB–Pagination 1
180	2	DB–Pagination 2
180	3	DB–Pagination 3
180	4	DB–Pagination 4
181	1	Increment DB–PAG 1
181	2	Increment DB–PAG 2
181	3	Increment DB–PAG 3
181	4	Increment DB-PAG 4

Parameter	Index	Description
182	1	Decrement DB–PAG 1
182	2	Decrement DB–PAG 2
182	3	Decrement DB–PAG 3
182	4	Decrement DB–PAG 4
183	1	5.0
183	2	5.0
183	3	5.0
183	4	5.0
191	20	CLEAR PRINTER RAM
192	2	Applicator No.2
200	0	Operator info
200	1	Operator info (3 sec)
200	3	Operator entry
200	4	S20
200	5	Fixed text switch
200	6	START OF LABELIING
200	7	PRODUCT INFO 1
200	8	PRODUCT INFO 2
200	9	Fixtext Total Printer
200	10	Operator note (Article)
200	14	BEST BEFORE
200	15	SMALL FONT INSTRUCTION
200	16	SMALL FONT INSTRUCTION
200	17	SMALL FONT INSTRUCTION
200	18	Text to printer
200	19	DISPLAY PLU TEXT
201	0	Special Price OFF
201	1	Special Price ON
202	0	Special Unit Price
203	0	Special Pack Price
204	1	NO Special Price allowed
205	0	Label extension (beginning)
205	1	Value of Incr. Label
205	2	Move Fields (1/10 mm)
206	0	Incr. Label at the end

Parameter	Index	Description
206	1	Label extension (end)
207	0	Variable Date
207	1	Variable Date 1
207	2	Variable Date 2
207	3	Variable Date 3
210	0	Special Price
211	0	Special Unit Price
215	1	Pagination single Label
215	2	Pagination total Label
234	0	Article Qty.
235	0	Article Weight
236	0	Article Price
237	0	Article Tare
240	0	Actual Date:
240	1	Date 1 :
241	0	Virtual Date
400	0	SCANNER ?
400	1	SCAN: BARCODE NOT PRESENT
400	2	SCAN: BARCODENO ?
400	3	SCAN: ARTICELNO ?
400	4	OSCANNER
401	0	Weight table
401	1	Weight Table No.
401	2	2.0
401	3	BANDS: COMMODITY NOT PRESENT !
401	4	BANDS: LABEL NOT PRESENT!
401	5	BANDS: FIELDSELECTION NOT PRESENT!
401	6	BANDS: FIELDSELECTION NOT ALLOWED!
401	11	WEIGHT BANDS
401	12	TABEL–No.:
401	13	MIN–WEIGHT
401	14	MAX–WEIGHT
401	15	PLU–NO
401	122	6.0
401	123	6.3

Parameter	Index	Description
401	124	6.3
401	125	6.0
401	253	1 (DISPL)
401	254	0 (BANDS)
402	0	LABEL FORMAT DOWNLOAD
402	1	LAB: LABEL %d%d NOT PRESENT !
402	2	LAB: PRINTER %d NOT PRESENT !
402	3	LAB: ERROR %d%d !
402	4	LAB: DOWN %d%d
440	1	TERMINAL"6400/08/015/4711ON"*
441	1	SCALE 6kg"3308/15/015/4712ON"*
442	1	Printer1 "5057/16/016/4711ON"*
445	1	Applicator No 1"801. VA StempelON"*
481	0	FOLIENNO.
481	1	WELDOTRON
481	2	ULMA
481	3	CHARACTER TO ULMA
484	8	SB-LS ACTIV=1 INACTIV=0
488	1	MODULES
488	2	Modules
488	3	Version
488	4	TERMINAL
488	5	SCALE
488	6	CONVEYOR
488	7	PLUNGER
488	8	PRINTER
488	9	ADDRESS
490	1	LIGHT BARRIERS
490	2	light barrier
490	3	level
490	4	threshold
490	5	Standby LB(1)
490	6	Separator LB(2)
490	7	Control LB(3)
490	8	Scale LB(4)

490 9 Seal LB(5) 490 11 4.0 490 12 LB No. 490 13 LB threshold 490 13 LB threshold 490 14 1.0 490 15 MODE 492 0 RESET PRINTER 492 1 EW6 printer 492 2 EW6 HS printer 492 3 STANDALONE-PRINTER 492 4 RESET PRINTER/RAM 492 5 LB-DIST +1 492 6 LB-DIST = VALUE 492 7 LB-DIST = VALUE 492 8 LB-DIST ? 492 9 RESET PRINTER EEPROM/RAM 492 9 OLB-ORTECTION: 492 96 OTEST 492 96	Parameter	Index	Description
490 11 4.0 490 12 LB No. 490 13 LB threshold 490 14 1.0 490 15 MODE 492 0 RESET PRINTER 492 1 EW6 printer 492 2 EW6 HS printer 492 3 STANDALONE-PRINTER 492 4 RESET PRINTER/RAM 492 5 LB-DIST +1 492 6 LB-DIST -1 492 7 LB-DIST = VALUE 492 8 LB-DIST ? 492 9 RESET PRINTER EEPROM/RAM 492 93 OLB-DIST: 492 94 11 AUTOMATIC 492 95 5 DELAY 492 96 O TEST <td>490</td> <td>9</td> <td>Seal LB(5)</td>	490	9	Seal LB(5)
490 12 LB No. 490 13 LB threshold 490 14 1.0 490 15 MODE 492 0 RESET PRINTER 492 1 EW6 printer 492 2 EW6 HS printer 492 3 STANDALONE-PRINTER 492 4 RESET PRINTER/RAM 492 5 LB-DIST +1 492 6 LB-DIST -1 492 7 LB-DIST = VALUE 492 8 LB-DIST ? 492 9 RESET PRINTER EEPROM/RAM 492 9 RESET PRINTER EEPROM/RAM 492 9 RESET PRINTER EEPROM/RAM 492 9 OLB-OIST: 492 93 OLB-DIST: 492 94 11 AUTOMATIC 492 95 5 DELAY 492 96 0 TEST 492 96 0 TEST 492 98 NO REPLY FROM PR	490	11	4.0
490 13 LB threshold 490 14 1.0 490 15 MODE 492 0 RESET PRINTER 492 1 EW6 printer 492 2 EW6 HS printer 492 3 STANDALONE-PRINTER 492 4 RESET PRINTER/RAM 492 5 LB-DIST +1 492 6 LB-DIST -1 492 7 LB-DIST -1 492 8 LB-DIST ? 492 9 RESET PRINTER EEPROM/RAM 492 9 RESET PRINTER 492 9 RESET PRINTER 492 9 RESET PRINTER 492 9 OLB-OIST: 492 9 OLB-DIST 492 96 0 TEST 492 96	490	12	LB No.
490 14 1.0 490 15 MODE 492 0 RESET PRINTER 492 1 EW6 printer 492 2 EW6 HS printer 492 3 STANDALONE-PRINTER 492 4 RESET PRINTER/RAM 492 5 LB-DIST +1 492 6 LB-DIST -1 492 7 LB-DIST = VALUE 492 8 LB-DIST ? 492 9 RESET PRINTER EEPROM/RAM 492 95 5 DELAY 492 96 O TEST 4	490	13	LB threshold
490 15 MODE 492 0 RESET PRINTER 492 1 EW6 printer 492 2 EW6 HS printer 492 3 STANDALONE-PRINTER 492 4 RESET PRINTER/RAM 492 5 LB-DIST +1 492 6 LB-DIST -1 492 7 LB-DIST ? 492 8 LB-DIST ? 492 9 RESET PRINTER EEPROM/RAM 492 9 OLB-DIST: 492 9 RESET PRINTER EEPROM/RAM 492 95 5 DELAY 492 96 0 TEST 492 96 0 TEST 492 98 NO REPLY FROM PRINTER	490	14	1.0
492 0 RESET PRINTER 492 1 EW6 printer 492 2 EW6 HS printer 492 3 STANDALONE-PRINTER 492 4 RESET PRINTER/RAM 492 5 LB-DIST +1 492 6 LB-DIST -1 492 7 LB-DIST = VALUE 492 8 LB-DIST ? 492 9 RESET PRINTER EEPROM/RAM 492 9 OLB-DIST: 492 93 OLB-DIST: 492 94 11 AUTOMATIC 492 95 5 DELAY 492 96 0 TEST 492 98 NO REPLY FROM PRINTER 492 99 2.0	490	15	MODE
492 1 EW6 printer 492 2 EW6 HS printer 492 3 STANDALONE-PRINTER 492 4 RESET PRINTER/RAM 492 5 LB-DIST +1 492 6 LB-DIST -1 492 7 LB-DIST = VALUE 492 8 LB-DIST ? 492 9 RESET PRINTER EEPROM/RAM 492 93 OLB-DIST: 492 93 OLB-DIST: 492 94 11 AUTOMATIC 492 95 5 DELAY 492 96 0 TEST 492 96 0 TEST 492 98 NO REPLY FROM PRINTER 492 99 2.0 493 1 MINUS 493 2 Weight 493 3 Price	492	0	RESET PRINTER
492 2 EW6 HS printer 492 3 STANDALONE-PRINTER 492 4 RESET PRINTER/RAM 492 5 LB-DIST +1 492 6 LB-DIST -1 492 7 LB-DIST = VALUE 492 8 LB-DIST ? 492 9 RESET PRINTER EEPROM/RAM 492 93 OLB-DIST: 492 93 OLB-DIST 492 94 11 AUTOMATIC 492 95 5 DELAY 492 96 0 TEST 492 96 0 TEST 492 96 0 TEST 493 1 MINUS 493 2 Weight 493 2 Weight 493 1 <t< td=""><td>492</td><td>1</td><td>EW6 printer</td></t<>	492	1	EW6 printer
492 3 STANDALONE-PRINTER 492 4 RESET PRINTER/RAM 492 5 LB-DIST +1 492 6 LB-DIST -1 492 7 LB-DIST = VALUE 492 8 LB-DIST ? 492 9 RESET PRINTER EEPROM/RAM 492 93 OLB-DIST: 492 93 OLB-DIST: 492 94 11 AUTOMATIC 492 95 5 DELAY 492 96 0 TEST 492 96 0 TEST 492 98 NO REPLY FROM PRINTER 492 99 2.0 493 1 MINUS 493 2 Weight 493 3 Price 494 0 TEST <t< td=""><td>492</td><td>2</td><td>EW6 HS printer</td></t<>	492	2	EW6 HS printer
492 4 RESET PRINTER/RAM 492 5 LB–DIST +1 492 6 LB–DIST = VALUE 492 7 LB–DIST = VALUE 492 8 LB–DIST ? 492 9 RESET PRINTER EEPROM/RAM 492 9 RESET PRINTER EEPROM/RAM 492 9 RESET PRINTER EEPROM/RAM 492 93 OLB–DIST: 492 93 OLB–DIST: 492 94 11 AUTOMATIC 492 95 5 DELAY 492 96 0 TEST 492 96 0 TEST 492 96 0 TEST 492 98 NO REPLY FROM PRINTER 492 99 2.0 493 1 MINUS 493 2 Weight 493 3 Price 494 0 TEST 495 0 CLEAR THE SCALE PLATE ! 495 1 SCALE BEHIND ZERO ! 495 5 CLOSE PRINT HEAD 495 <td>492</td> <td>3</td> <td>STANDALONE-PRINTER</td>	492	3	STANDALONE-PRINTER
492 5 LB-DIST +1 492 6 LB-DIST -1 492 7 LB-DIST = VALUE 492 8 LB-DIST ? 492 9 RESET PRINTER EEPROM/RAM 492 9 RESET PRINTER EEPROM/RAM 492 9 RESET PRINTER EEPROM/RAM 492 9 OLB-DIST: 492 94 11 AUTOMATIC 492 95 5 DELAY 492 96 0 TEST 492 96 0 TEST 492 98 NO REPLY FROM PRINTER 492 99 2.0 493 1 MINUS 493 2 Weight 493 2 Weight 493 3 Price 494 0 TEST 495 0 CLEAR THE SCALE PLATE ! 495 1 SCALE BEHIND ZERO ! 495 5 CLOSE PRINT HEAD 495 6 SCALE ERROR PRESS C	492	4	RESET PRINTER/RAM
492 6 LB-DIST -1 492 7 LB-DIST = VALUE 492 8 LB-DIST ? 492 9 RESET PRINTER EEPROM/RAM 492 10 LB-CORRECTION: 492 93 0LB-DIST: 492 94 11 AUTOMATIC 492 95 5 DELAY 492 96 0 TEST 492 98 NO REPLY FROM PRINTER 492 98 NO REPLY FROM PRINTER 492 99 2.0 493 1 MINUS 493 2 Weight 493 3 Price 494 0 TEST 495 0 CLEAR THE SCALE PLATE ! 495 0 CLEAR THE SCALE PLATE ! 495 1 SCALE BEHIND ZERO ! 495 5 CLOSE PRINT HEAD 495 6 SCALE ERROR PRESS CE 495 6 SCALE NO %d DEFECT 495 9	492	5	LB-DIST +1
492 7 LB-DIST = VALUE 492 8 LB-DIST ? 492 9 RESET PRINTER EEPROM/RAM 492 10 LB-CORRECTION: 492 93 0LB-DIST: 492 94 11 AUTOMATIC 492 95 5 DELAY 492 96 0 TEST 492 96 0 TEST 492 97 PRINTER UPTODATE 492 98 NO REPLY FROM PRINTER 492 99 2.0 493 1 MINUS 493 2 Weight 493 3 Price 494 0 TEST 495 0 CLEAR THE SCALE PLATE ! 495 1 SCALE BEHIND ZERO ! 495 5 CLOSE PRINT HEAD 495 6 SCALE ERROR PRESS CE 495 7 SCALE No %d ACTIVE 495 9 REST NO %d	492	6	LB-DIST -1
492 8 LB-DIST ? 492 9 RESET PRINTER EEPROM/RAM 492 10 LB-CORRECTION: 492 93 0LB-DIST: 492 94 11 AUTOMATIC 492 95 5 DELAY 492 96 0 TEST 492 96 0 TEST 492 96 0 TEST 492 97 PRINTER UPTODATE 492 98 NO REPLY FROM PRINTER 492 99 2.0 493 1 MINUS 493 2 Weight 493 3 Price 494 0 TEST 495 0 CLEAR THE SCALE PLATE ! 495 0 CLEAR THE SCALE PLATE ! 495 1 SCALE BEHIND ZERO ! 495 5 CLOSE PRINT HEAD 495 6 SCALE ERROR PRESS CE 495 6 SCALE No %d ACTIVE 495 9 REST NO	492	7	LB–DIST = VALUE
492 9 RESET PRINTER EEPROM/RAM 492 10 LB-CORRECTION: 492 93 0LB-DIST: 492 94 11 AUTOMATIC 492 95 5 DELAY 492 96 0 TEST 492 96 0 TEST 492 97 PRINTER UPTODATE 492 98 NO REPLY FROM PRINTER 492 99 2.0 493 1 MINUS 493 2 Weight 493 3 Price 494 0 TEST 495 0 CLEAR THE SCALE PLATE ! 495 1 SCALE BEHIND ZERO ! 495 5 CLOSE PRINT HEAD 495 6 SCALE ERROR PRESS CE 495 7 SCALE No %d DEFECT 495 8 SCALE No %d ACTIVE 495 9 REST NO %d	492	8	LB-DIST ?
492 10 LB-CORRECTION: 492 93 0LB-DIST: 492 94 11 AUTOMATIC 492 95 5 DELAY 492 96 0 TEST 492 97 PRINTER UPTODATE 492 98 NO REPLY FROM PRINTER 492 99 2.0 493 1 MINUS 493 2 Weight 493 3 Price 494 0 TEST 495 0 CLEAR THE SCALE PLATE ! 495 1 SCALE BEHIND ZERO ! 495 5 CLOSE PRINT HEAD 495 6 SCALE ERROR PRESS CE 495 7 SCALE No %d DEFECT 495 8 SCALE No %d ACTIVE 495 9 REST NO %d	492	9	RESET PRINTER EEPROM/RAM
492 93 0LB-DIST: 492 94 11 AUTOMATIC 492 95 5 DELAY 492 96 0 TEST 492 96 0 TEST 492 97 PRINTER UPTODATE 492 98 NO REPLY FROM PRINTER 492 99 2.0 493 1 MINUS 493 2 Weight 493 3 Price 494 0 TEST 495 0 CLEAR THE SCALE PLATE ! 495 1 SCALE BEHIND ZERO ! 495 5 CLOSE PRINT HEAD 495 6 SCALE ERROR PRESS CE 495 7 SCALE No %d ACTIVE 495 8 SCALE No %d ACTIVE 495 9 REST NO %d	492	10	LB-CORRECTION:
492 94 11 AUTOMATIC 492 95 5 DELAY 492 96 0 TEST 492 97 PRINTER UPTODATE 492 97 PRINTER UPTODATE 492 98 NO REPLY FROM PRINTER 492 99 2.0 493 1 MINUS 493 2 Weight 493 3 Price 494 0 TEST 495 0 CLEAR THE SCALE PLATE ! 495 1 SCALE BEHIND ZERO ! 495 6 SCALE PRINT HEAD 495 6 SCALE ERROR PRESS CE 495 8 SCALE No %d ACTIVE 495 9 REST NO %d	492	93	0LB-DIST:
492 95 5 DELAY 492 96 0 TEST 492 97 PRINTER UPTODATE 492 98 NO REPLY FROM PRINTER 492 98 NO REPLY FROM PRINTER 492 99 2.0 493 1 MINUS 493 2 Weight 493 3 Price 494 0 TEST 495 0 CLEAR THE SCALE PLATE ! 495 1 SCALE BEHIND ZERO ! 495 5 CLOSE PRINT HEAD 495 6 SCALE ERROR PRESS CE 495 7 SCALE No %d DEFECT 495 8 SCALE No %d ACTIVE 495 9 REST NO %d	492	94	11 AUTOMATIC
492 96 0 TEST 492 97 PRINTER UPTODATE 492 98 NO REPLY FROM PRINTER 492 99 2.0 493 1 MINUS 493 2 Weight 493 3 Price 494 0 TEST 495 0 CLEAR THE SCALE PLATE ! 495 1 SCALE BEHIND ZERO ! 495 5 CLOSE PRINT HEAD 495 6 SCALE ERROR PRESS CE 495 7 SCALE No %d DEFECT 495 8 SCALE No %d ACTIVE 495 9 REST NO %d	492	95	5 DELAY
492 97 PRINTER UPTODATE 492 98 NO REPLY FROM PRINTER 492 99 2.0 493 1 MINUS 493 2 Weight 493 3 Price 494 0 TEST 495 0 CLEAR THE SCALE PLATE ! 495 1 SCALE BEHIND ZERO ! 495 6 SCALE ERROR PRESS CE 495 7 SCALE No %d DEFECT 495 8 SCALE No %d ACTIVE 495 9 REST NO %d	492	96	0 TEST
492 98 NO REPLY FROM PRINTER 492 99 2.0 493 1 MINUS 493 2 Weight 493 3 Price 494 0 TEST 495 0 CLEAR THE SCALE PLATE ! 495 1 SCALE BEHIND ZERO ! 495 5 CLOSE PRINT HEAD 495 6 SCALE ERROR PRESS CE 495 7 SCALE No %d DEFECT 495 8 SCALE No %d ACTIVE 495 9 REST NO %d	492	97	PRINTER UPTODATE
492 99 2.0 493 1 MINUS 493 2 Weight 493 3 Price 494 0 TEST 495 0 CLEAR THE SCALE PLATE ! 495 1 SCALE BEHIND ZERO ! 495 6 SCALE PRINT HEAD 495 6 SCALE ERROR PRESS CE 495 7 SCALE No %d DEFECT 495 8 SCALE No %d ACTIVE 495 9 REST NO %d	492	98	NO REPLY FROM PRINTER
493 1 MINUS 493 2 Weight 493 3 Price 494 0 TEST 495 0 CLEAR THE SCALE PLATE ! 495 1 SCALE BEHIND ZERO ! 495 5 CLOSE PRINT HEAD 495 6 SCALE ERROR PRESS CE 495 7 SCALE No %d DEFECT 495 8 SCALE No %d ACTIVE 495 9 REST NO %d	492	99	2.0
493 2 Weight 493 3 Price 494 0 TEST 495 0 CLEAR THE SCALE PLATE ! 495 1 SCALE BEHIND ZERO ! 495 5 CLOSE PRINT HEAD 495 6 SCALE ERROR PRESS CE 495 7 SCALE No %d DEFECT 495 8 SCALE No %d ACTIVE 495 9 REST NO %d	493	1	MINUS
493 3 Price 494 0 TEST 495 0 CLEAR THE SCALE PLATE ! 495 1 SCALE BEHIND ZERO ! 495 5 CLOSE PRINT HEAD 495 6 SCALE ERROR PRESS CE 495 7 SCALE No %d DEFECT 495 8 SCALE No %d ACTIVE 495 9 REST NO %d	493	2	Weight
494 0 TEST 495 0 CLEAR THE SCALE PLATE ! 495 1 SCALE BEHIND ZERO ! 495 5 CLOSE PRINT HEAD 495 6 SCALE ERROR PRESS CE 495 7 SCALE No %d DEFECT 495 8 SCALE No %d ACTIVE 495 9 REST NO %d	493	3	Price
495 0 CLEAR THE SCALE PLATE ! 495 1 SCALE BEHIND ZERO ! 495 5 CLOSE PRINT HEAD 495 6 SCALE ERROR PRESS CE 495 7 SCALE No %d DEFECT 495 8 SCALE No %d ACTIVE 495 9 REST NO %d	494	0	TEST
495 1 SCALE BEHIND ZERO ! 495 5 CLOSE PRINT HEAD 495 6 SCALE ERROR PRESS CE 495 7 SCALE No %d DEFECT 495 8 SCALE No %d ACTIVE 495 9 REST NO %d	495	0	CLEAR THE SCALE PLATE !
495 5 CLOSE PRINT HEAD 495 6 SCALE ERROR PRESS CE 495 7 SCALE No %d DEFECT 495 8 SCALE No %d ACTIVE 495 9 REST NO %d	495	1	SCALE BEHIND ZERO !
495 6 SCALE ERROR PRESS CE 495 7 SCALE No %d DEFECT 495 8 SCALE No %d ACTIVE 495 9 REST NO %d	495	5	CLOSE PRINT HEAD
495 7 SCALE No %d DEFECT 495 8 SCALE No %d ACTIVE 495 9 REST NO %d	495	6	SCALE ERROR PRESS CE
495 8 SCALE No %d ACTIVE 495 9 REST NO %d	495	7	SCALE No %d DEFECT
495 9 REST NO %d	495	8	SCALE No %d ACTIVE
	495	9	REST NO %d

Parameter	Index	Description
495	10	ZERO-SETTING
495	11	NO SUCH ART %d
495	12	PRINTER %d DEFECT PRESS DEL
495	13	SWITCH OFF AND ON
495	14	Conveyor %d defect press DEL
495	15	PLUNGER %d DEFECT PRESS DEL
495	16	REMOVE PACK AND PRESS DEL
495	17	CLEAN SCALE
495	18	SCALE NOT OK! DATA TO FLOPPY
495	19	SWITCH OFF AND ON
495	20	PLEASE WAIT DATE TO FLOPPY
495	21	ASA DEFECT
495	23	LIGHTBARRIER?
495	24	CLEAR ?
495	30	08001
495	33	PARAMETER ERROR !
495	34	LABELPOSITION
495	35	PLUNGER-FORCE
495	36	*-Label not present
495	37	NO SUCH PARTITION
495	38	NO MEMORYBLOCK
495	39	UNKNOWN ANSWER FROM SENDING
495	40	MACHINE DEFECT
495	41	NO STATUS FROM PRINTER
495	42	NO 'I'-TELEGRAM
495	43	BARCODE: ERROR 1
495	44	BARCODE: ERROR 2
495	45	BARCODENO NOT FOUND
495	47	FORMATERROR: NO S-FORMAT
495	48	COUNTRYFORMAT: CHECKSUM-ERROR
495	49	NOT ENOUGH MEMORY
495	50	COUNTRYFORMAT: CHECKSUM-
		ERROR ON DISC
495	51	ONLINE: RX-DATE NOT AVAILABLE
495	52	ONLINE–QUEUES: FAULT error =

Parameter	Index	Description
495	53	ONLINE: QUEUE NOT INSTALLED
495	99	NO start deka
496	1	AB9381
496	2	
496	3	
496	7	ENTER PASSWORD
496	8	INCORRECT PASSWORD
497	1	5193352235530235715510065"
		53137"53239
497	2	3637383940414243444851
497	3	581582
497	4	30333435
499	7	Yy1
499	0	\025\026\027\030\031\032\033\034\035\
		036\015\006\357\017
499	1	abcdefghijklmnopqrstuvwxyz0123456789
499	2	ABCDEFGHIJKLMNOPQRSTUVWXYZ
499	3	1234567890
499	4	10
499	5	0123456789aAbBcCdDeEfF
499	6	0
499	7	1
499	8	\013\014\026\030\031\032\033\034\037\275\
		312\340\345\346\347\353\355\356\357\374\374
499	9	1234567890
500	1	STANDARD PROG
500	2	SELECTION
500	3	No.
500	4	DESCRIPTION
500	5	FUNCTION LIST
500	6	INDEX
500	7	3.0
500	8	S020
501	1	STANDARD PROG
501	2	SELECTION

Parameter	Index	Description
501	3	No.
501	4	DESCRIPTION
501	5	PARAMETER LIST
501	6	INDEX
501	7	3.0
501	8	S020
502	1	PRINTOUT FORMAT
502	2	LIST No.
502	3	DISPLAY-FORMAT-NO.
502	4	PAR.No.
502	5	INDEX
502	6	DESCRIPTION
502	7	MODE
502	8	FORMAT
502	9	SYMB
502	10	S001
502	11	S008
502	12	1.0
502	20	4.0
502	21	4.0
502	22	3.0
502	23	3.0
502	24	S020
503	1	PROGRAM MENU
503	5	PROGRAM NUMBER
503	6	_
503	98	2.0
503	99	S030
503	11	1.0
504	1	Fixed text 1st line
504	2	Fixed Text L.2
504	3	Fixed text 3rd line
504	4	Fixed Text L.4
504	5	Fixed Text L.5
504	6	Fixed Text L.6

Parameter	Index	Description
504	7	Fixed Text L.7
504	8	Fixed Text L.8
504	80	Fix text: No.
504	81	Fix text: *1*
504	82	Fix text: *2*
504	83	Fix text: *3*
504	84	Fix text: TOTAL
504	85	Fix text: *4*
504	9	Fixed Text L.9
504	0	Fixtext 1
505	1	PRICE
505	2	
506	1	ORDER-SCHEDULE
506	2	ORDER No.
506	3	STATUS
506	4	PRINTER
506	5	COMMOD No.
506	6	CUST.No
506	7	REQD
506	8	DONE
506	10	FAULT
506	22	3.0
506	23	1.0
506	24	2.0
506	25	6.0
506	26	6.0
506	27	5.0
506	28	5.0
506	29	1.0
506	30	1.0
507	0	CHARACTER DESIGN
507	1	F 1 Scanner
507	2	F 2 Size ñ
507	3	F 3 Save
507	4	F 4 Load Image

507 5 F 5 Sample 507 6 F 6 Char. with under length 507 7 F 7 Char. without u/length 507 7 F 7 Char. without u/length 507 8 F 8 Dimension 507 9 F 9 Magnify 507 10 F10 Cursor 507 11 E End 507 12 L Erase 508 1 Font set.: 508 2 Symbol: 508 3 Height: 508 4 Width: 508 5 U/length.: 508 6 Size Factor. 508 7 Height: 508 8 Width: 508 9 2.0 508 10 S001 508 13 S00 508 11 3.0 508 12	Parameter	Index	Description
507 6 F 6 Char. with under length 507 7 F 7 Char. without u/length 507 8 F 8 Dimension 507 9 F 9 Magnify 507 10 F10 Cursor 507 11 E End 507 12 L Erase 508 1 Font set.: 508 2 Symbol: 508 3 Height: 508 4 Width: 508 5 U/length.: 508 6 Size Factor. 508 7 Height: 508 6 Size Factor. 508 7 Height: 508 8 Width: 508 9 2.0 508 10 S001 508 11 3.0 508 12 PIXEL 508 13 mm 508	507	5	F 5 Sample
507 7 F 7 Char. without u/length 507 8 F 8 Dimension 507 9 F 9 Magnify 507 10 F10 Cursor 507 11 E End 507 12 L Erase 508 1 Font set.: 508 2 Symbol: 508 3 Height: 508 3 Height: 508 4 Width: 508 5 U/length.: 508 6 Size Factor. 508 7 Height: 508 8 Width: 508 9 2.0 508 10 S001 508 10 S001 508 11 3.0 508 12 PIXEL 508 13 mm 508 14 4.1 508 15 SYMBOL TO	507	6	F 6 Char. with under length
507 8 F 8 Dimension 507 9 F 9 Magnify 507 10 F10 Cursor 507 11 E End 507 12 L Erase 508 1 Font set.: 508 2 Symbol: 508 2 Symbol: 508 3 Height: 508 4 Width: 508 5 U/length.: 508 6 Size Factor. 508 7 Height: 508 8 Width: 508 9 2.0 508 9 2.0 508 10 S001 508 11 3.0 508 12 PIXEL 508 13 mm 508 14 4.1 508 15 SYMBOL TOO BIG ! 510 0 General Communication Error <	507	7	F 7 Char. without u/length
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507 10 F10 Cursor 507 11 E End 507 12 L Erase 508 1 Font set.: 508 508 2 Symbol: 508 2 Symbol: 508 2 Symbol: 508 3 Height: 508 4 Width: 508 5 U/length.: 508 6 Size Factor. 508 7 Height: 508 8 Width: 508 9 2.0 508 9 2.0 508 10 S001 508 11 3.0 508 12 PIXEL 508 13 mm 508 14 4.1 508 15 SYMBOL TOO BIG ! 510 0 General Communication Error 510 1 Undefinable Message <t< td=""><td>507</td><td>9</td><td>F 9 Magnify</td></t<>	507	9	F 9 Magnify
507 11 E End 507 12 L Erase 508 1 Font set.: 508 2 Symbol: 508 3 Height: 508 3 Height: 508 4 Width: 508 5 U/length.: 508 6 Size Factor. 508 7 Height: 508 8 Width: 508 7 Height: 508 8 Width: 508 9 2.0 508 9 2.0 508 10 S001 508 10 S001 508 11 3.0 508 12 PIXEL 508 13 mm 508 14 4.1 508 15 SYMBOL TOO BIG ! 510 0 General Communication Error 510 1 Un	507	10	F10 Cursor
507 12 L Erase 508 1 Font set.: 508 508 2 Symbol: 508 2 Symbol: 508 3 Height: 508 5 U/length.: 508 5 U/length.: 508 6 Size Factor. 508 6 Size Factor. 508 7 Height: 508 7 Height: 508 8 Width: 508 9 2.0 508 10 S001 508 10 S001 508 11 3.0 508 11 3.0 508 12 PIXEL 508 13 mm 508 14 4.1 508 14 4.1 508 15 SYMBOL TOO BIG ! 510 0 General Communication Error 510 1 Undefinable Message 510 2 File does not exist 510 2 File does not exist 510 4 INVALID CHANNEL 510 5 INVALID ACCESS 5 10 1	507	11	E End
508 1 Font set.: 508 2 Symbol: 508 3 Height: 508 4 Width: 508 5 U/length.: 508 6 Size Factor. 508 6 Size Factor. 508 7 Height: 508 8 Width: 508 9 2.0 508 9 2.0 508 10 S001 508 10 S001 508 11 3.0 508 12 PIXEL 508 13 mm 508 14 4.1 508 14 4.1 508 15 SYMBOL TOO BIG ! 510 0 General Communication Error 510 1 Undefinable Message 510 2 File does not exist 510 4 INVALID CHANNEL 510 5 I	507	12	L Erase
508 2 Symbol: 508 3 Height: 508 4 Width: 508 5 U/length.: 508 6 Size Factor. 508 7 Height: 508 7 Height: 508 8 Width: 508 9 2.0 508 9 2.0 508 10 S001 508 10 S001 508 11 3.0 508 12 PIXEL 508 13 mm 508 14 4.1 508 15 SYMBOL TOO BIG ! 510 0 General Communication Error 510 1 Undefinable Message 510 2 File does not exist 510 4 INVALID CHANNEL 510 5 INVALID ACCESS	508	1	Font set.:
508 3 Height: 508 4 Width: 508 5 U/length.: 508 6 Size Factor. 508 6 Size Factor. 508 7 Height: 508 7 Height: 508 8 Width: 508 9 2.0 508 9 2.0 508 10 S001 508 10 S001 508 11 3.0 508 12 PIXEL 508 13 mm 508 14 4.1 508 14 4.1 508 15 SYMBOL TOO BIG ! 510 0 General Communication Error 510 1 Undefinable Message 510 2 File does not exist 510 4 INVALID CHANNEL 510 5 INVALID ACCESS	508	2	Symbol:
508 4 Width: 508 5 U/length.: 508 6 Size Factor. 508 7 Height: 508 7 Height: 508 8 Width: 508 9 2.0 508 9 2.0 508 10 S001 508 10 S001 508 11 3.0 508 12 PIXEL 508 13 mm 508 14 4.1 508 15 SYMBOL TOO BIG ! 510 0 General Communication Error 510 1 Undefinable Message 510 2 File does not exist 510 4 INVALID CHANNEL 510 4 INVALID ACCESS	508	3	Height:
508 5 U/length.: 508 6 Size Factor. 508 7 Height: 508 8 Width: 508 9 2.0 508 10 S001 508 11 3.0 508 12 PIXEL 508 13 mm 508 14 4.1 508 15 SYMBOL TOO BIG ! 510 0 General Communication Error 510 1 Undefinable Message 510 2 File does not exist 510 4 INVALID CHANNEL 510 5 INVALID ACCESS	508	4	Width:
508 6 Size Factor. 508 7 Height: 508 8 Width: 508 9 2.0 508 9 2.0 508 10 S001 508 11 3.0 508 12 PIXEL 508 12 PIXEL 508 13 mm 508 14 4.1 508 15 SYMBOL TOO BIG ! 510 0 General Communication Error 510 1 Undefinable Message 510 2 File does not exist 510 4 INVALID CHANNEL 510 5 INVALID ACCESS	508	5	U/length.:
508 7 Height: 508 8 Width: 508 9 2.0 508 10 S001 508 11 3.0 508 12 PIXEL 508 12 PIXEL 508 13 mm 508 14 4.1 508 15 SYMBOL TOO BIG ! 510 0 General Communication Error 510 1 Undefinable Message 510 2 File does not exist 510 4 INVALID CHANNEL 510 5 INVALID ACCESS	508	6	Size Factor.
508 8 Width: 508 9 2.0 508 10 S001 508 11 3.0 508 12 PIXEL 508 13 mm 508 14 4.1 508 15 SYMBOL TOO BIG ! 510 0 General Communication Error 510 1 Undefinable Message 510 2 File does not exist 510 4 INVALID CHANNEL 510 5 INVALID ACCESS	508	7	Height:
508 9 2.0 508 10 S001 508 11 3.0 508 12 PIXEL 508 12 PIXEL 508 13 mm 508 14 4.1 508 15 SYMBOL TOO BIG ! 510 0 General Communication Error 510 1 Undefinable Message 510 2 File does not exist 510 4 INVALID CHANNEL 510 5 INVALID ACCESS	508	8	Width:
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508 11 3.0 508 12 PIXEL 508 13 mm 508 14 4.1 508 15 SYMBOL TOO BIG ! 510 0 General Communication Error 510 1 Undefinable Message 510 2 File does not exist 510 4 INVALID CHANNEL 510 5 INVALID ACCESS	508	10	S001
508 12 PIXEL 508 13 mm 508 14 4.1 508 15 SYMBOL TOO BIG ! 508 15 SYMBOL TOO BIG ! 510 0 General Communication Error 510 1 Undefinable Message 510 2 File does not exist 510 4 INVALID CHANNEL 510 5 INVALID ACCESS	508	11	3.0
508 13 mm 508 14 4.1 508 15 SYMBOL TOO BIG ! 510 0 General Communication Error 510 1 Undefinable Message 510 2 File does not exist 510 4 INVALID CHANNEL 510 5 INVALID ACCESS	508	12	PIXEL
508144.150815SYMBOL TOO BIG !5100General Communication Error5101Undefinable Message5102File does not exist5104INVALID CHANNEL5105INVALID ACCESS	508	13	mm
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5100General Communication Error5101Undefinable Message5102File does not exist5104INVALID CHANNEL5105INVALID ACCESS	508	15	SYMBOL TOO BIG !
5101Undefinable Message5102File does not exist5104INVALID CHANNEL5105INVALID ACCESS	510	0	General Communication Error
510 2 File does not exist 510 4 INVALID CHANNEL 510 5 INVALID ACCESS	510	1	Undefinable Message
510 4 INVALID CHANNEL 510 5 INVALID ACCESS	510	2	File does not exist
510 5 INVALID ACCESS	510	4	INVALID CHANNEL
	510	5	INVALID ACCESS
510 6 INVALID CHANNEL ACCESS	510	6	INVALID CHANNEL ACCESS
510 8 No further Space on Disc	510	8	No further Space on Disc
510 12 Track out of range (0–79)	510	12	Track out of range (0–79)
510 13 Received Message without Data	510	13	Received Message without Data
510 25 Error position head	510	25	Error position head
510 26 End of file reached	510	26	End of file reached
510 27 Sector not found	510	27	Sector not found

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510	30	Read Error
510	35	Directory full
510	98	WRONG FILESIZE
510	100	READERROR 1
510	101	READERROR 2
510	102	READERROR 3
510	103	READERROR 4
510	104	READERROR 5
510	105	READERROR 6
510	115	NO DISC IN DRIVE
511	1	PLU No.
511	2	Commodity No.:
511	3	Label Format No.:
511	4	Index No.:
511	5	6.0
511	6	3.0
511	7	3.0
511	8	S022
511	9	S050
511	10	S040
511	11	S070
511	12	6.0
512	1	USERHELP
512	2	S077
512	3	NOT DEFINED!
514	1	DATE AND TIME
514	2	DAY:
514	3	MONTH:
514	4	YEAR:
514	5	HOUR:
514	6	MINUTE:
514	7	SECOND:
514	8	2.0
514	9	2.0

514 10 2.0 514 11 2.0 514 12 2.0 514 13 2.0 515 1 OPERATOR INSTRUCTION FOR CLOCK 515 2 S077 515 3 F1F6: DAY - SECOND 515 4 F8: SET DATE/TIME 515 5 F9: THIS HELP 515 6 F10: ABORT 517 1 INGREDIENT TEXT 517 2 Ingredient No.: 517 3 Label Format No.: 517 4 Index No.: 517 5 4.0 517 6 3.0 517 7 3.0 517 7 3.0 517 8 S022 517 9 S050 517 10 S040 517 11 S070 518 1 HELP 518 3 NO HELP! 519 1 Ingredients Line 2 519	Parameter	Index	Description
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514 12 2.0 514 13 2.0 515 1 OPERATOR INSTRUCTION FOR CLOCK 515 2 S077 515 3 F1-F6:DAY-SECOND 515 3 F1-F6:DAY-SECOND 515 4 F8: SET DATE/TIME 515 6 F10: ABORT 517 1 INGREDIENT TEXT 517 2 Ingredient No.: 517 3 Label Format No.: 517 4 Index No.: 517 5 4.0 517 6 3.0 517 7 3.0 517 7 3.0 517 8 S022 517 9 S050 517 10 S040 517 11 S070 518 1 HELP 518 2 S077 518 3 NO HELP! 519 1 Ingredients Ist line 519 3 Ingredients Line 3 <t< td=""><td>514</td><td>11</td><td>2.0</td></t<>	514	11	2.0
514 13 2.0 515 1 OPERATOR INSTRUCTION FOR CLOCK 515 2 S077 515 3 F1 – F6 : DAY – SECOND 515 4 F8: SET DATE/TIME 515 5 F9: THIS HELP 516 6 F10: ABORT 517 1 INGREDIENT TEXT 517 2 Ingredient No.: 517 3 Label Format No.: 517 4 Index No.: 517 5 4.0 517 6 3.0 517 7 3.0 517 8 S022 517 9 S050 517 10 S040 517 11 S070 518 1 HELP 518 2 S077 518 3 NO HELP! 519 1 Ingredients 1st line 519 2 Ingredients Line 2 519 3 Ingredients Line 3 519 4 Ingredients Line 5<	514	12	2.0
515 1 OPERATOR INSTRUCTION FOR CLOCK 515 2 S077 515 3 F1 – F6 : DAY – SECOND 515 4 F8: SET DATE/TIME 515 5 F9: THIS HELP 516 6 F10: ABORT 517 1 INGREDIENT TEXT 517 2 Ingredient No.: 517 3 Label Format No.: 517 4 Index No.: 517 5 4.0 517 6 3.0 517 6 3.0 517 7 3.0 517 8 S022 517 8 S022 517 10 S040 517 11 S070 518 1 HELP 518 2 S077 518 3 NO HELP! 519 1 Ingredients 1st line 519 2 Ingredients Line 3 519	514	13	2.0
515 2 S077 515 3 F1 – F6 : DAY – SECOND 515 4 F8: SET DATE/TIME 515 5 F9: THIS HELP 515 6 F10: ABORT 517 1 INGREDIENT TEXT 517 2 Ingredient No.: 517 3 Label Format No.: 517 4 Index No.: 517 5 4.0 517 6 3.0 517 6 3.0 517 7 3.0 517 8 S022 517 9 S050 517 10 S040 517 11 S070 518 1 HELP 518 2 S077 518 3 NO HELP! 519 1 Ingredients Line 2 519 1 Ingredients Line 3 519 4 Ingredients Line 5 519 6	515	1	OPERATOR INSTRUCTION FOR CLOCK
515 3 F1 – F6 : DAY – SECOND 515 4 F8: SET DATE/TIME 515 5 F9: THIS HELP 515 6 F10: ABORT 517 1 INGREDIENT TEXT 517 2 Ingredient No.: 517 3 Label Format No.: 517 4 Index No.: 517 5 4.0 517 6 3.0 517 6 3.0 517 7 3.0 517 8 S022 517 9 S050 517 10 S040 517 11 S070 518 1 HELP 518 2 S077 518 3 NO HELP! 519 1 Ingredients Line 2 519 1 Ingredients Line 3 519 4 Ingredients Line 4 519 5 Ingredients Line 7 519	515	2	S077
515 4 F8: SET DATE/TIME 515 5 F9: THIS HELP 515 6 F10: ABORT 517 1 INGREDIENT TEXT 517 2 Ingredient No.: 517 3 Label Format No.: 517 4 Index No.: 517 4 Index No.: 517 5 4.0 517 6 3.0 517 6 3.0 517 6 3.0 517 7 3.0 517 8 S022 517 9 S050 517 10 S040 517 11 S070 518 1 HELP 518 2 S077 518 3 NO HELP! 519 1 Ingredients Ist line 519 1 Ingredients Line 2 519 3 Ingredients Line 3 519 4 Ingredients Line 5 519 5 Ingredients Line 7	515	3	F1 – F6 : DAY – SECOND
515 5 F9: THIS HELP 515 6 F10: ABORT 517 1 INGREDIENT TEXT 517 2 Ingredient No.: 517 3 Label Format No.: 517 4 Index No.: 517 5 4.0 517 6 3.0 517 6 3.0 517 7 3.0 517 7 3.0 517 7 3.0 517 8 S022 517 9 S050 517 10 S040 517 11 S070 518 1 HELP 518 2 S077 518 3 NO HELP! 519 1 Ingredients 1st line 519 2 Ingredients Line 2 519 3 Ingredients Line 3 519 4 Ingredients Line 5 519 5 Ingredients Line 5 519 6 Ingredients Line 8 <t< td=""><td>515</td><td>4</td><td>F8: SET DATE/TIME</td></t<>	515	4	F8: SET DATE/TIME
515 6 F10: ABORT 517 1 INGREDIENT TEXT 517 2 Ingredient No.: 517 3 Label Format No.: 517 4 Index No.: 517 4 Index No.: 517 5 4.0 517 6 3.0 517 6 3.0 517 7 3.0 517 8 S022 517 9 S050 517 10 S040 517 11 S070 518 1 HELP 518 2 S077 518 3 NO HELP! 519 1 Ingredients 1st line 519 2 Ingredients Line 2 519 3 Ingredients Line 3 519 4 Ingredients Line 5 519 6 Ingredients Line 7 519 6 Ingredients Line 8 520 1 ADVERTISING TEXT 520 3 Label Format No.:	515	5	F9: THIS HELP
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517 5 4.0 517 6 3.0 517 7 3.0 517 8 S022 517 9 S050 517 10 S040 517 10 S040 517 11 S070 518 1 HELP 518 2 S077 518 3 NO HELP! 519 1 Ingredients 1st line 519 2 Ingredients Line 2 519 3 Ingredients Line 3 519 4 Ingredients Line 4 519 5 Ingredients Line 5 519 6 Ingredients Line 7 519 8 Ingredients Line 8 520 1 ADVERTISING TEXT 520 2 Advert Text No.: 520 3 Label Format No.:	517	4	Index No.:
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517 7 3.0 517 8 S022 517 9 S050 517 10 S040 517 11 S070 518 1 HELP 518 2 S077 518 3 NO HELP! 519 1 Ingredients 1st line 519 2 Ingredients Line 2 519 3 Ingredients Line 3 519 4 Ingredients Line 4 519 5 Ingredients Line 5 519 6 Ingredients Chine 5 519 7 Ingredients Line 7 519 8 Ingredients Line 8 520 1 ADVERTISING TEXT 520 3 Label Format No.:	517	6	3.0
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517 9 S050 517 10 S040 517 11 S070 518 1 HELP 518 2 S077 518 3 NO HELP! 519 1 Ingredients 1st line 519 1 Ingredients_Line 2 519 3 Ingredients Line 3 519 4 Ingredients Line 4 519 5 Ingredients Line 5 519 6 Ingredients Chine 5 519 6 Ingredients Line 7 519 8 Ingredients Line 8 520 1 ADVERTISING TEXT 520 3 Label Format No.:	517	8	S022
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517 11 S070 518 1 HELP 518 2 S077 518 3 NO HELP! 519 1 Ingredients 1st line 519 2 Ingredients_Line 2 519 3 Ingredients Line 3 519 4 Ingredients Line 4 519 5 Ingredients Line 5 519 6 Ingredients Che 1 519 7 Ingredients Line 7 519 8 Ingredients Line 8 520 1 ADVERTISING TEXT 520 3 Label Format No.:	517	10	S040
518 1 HELP 518 2 S077 518 3 NO HELP! 519 1 Ingredients 1st line 519 2 Ingredients_Line 2 519 3 Ingredients Line 3 519 3 Ingredients Line 4 519 4 Ingredients Line 5 519 6 Ingredients 6th line 519 7 Ingredients Line 7 519 8 Ingredients Line 8 520 1 ADVERTISING TEXT 520 3 Label Format No.:	517	11	S070
5182S0775183NO HELP!5191Ingredients 1st line5192Ingredients_Line 25193Ingredients Line 35194Ingredients Line 45195Ingredients Line 55196Ingredients Chl line5197Ingredients Line 75198Ingredients Line 85201ADVERTISING TEXT5203Label Format No.:	518	1	HELP
5183NO HELP!5191Ingredients 1st line5192Ingredients_Line 25193Ingredients Line 35194Ingredients Line 45195Ingredients Line 55196Ingredients 6th line5197Ingredients Line 75198Ingredients Line 85201ADVERTISING TEXT5203Label Format No.:	518	2	S077
5191Ingredients 1st line5192Ingredients_Line 25193Ingredients Line 35194Ingredients Line 45195Ingredients Line 55196Ingredients 6th line5197Ingredients Line 75198Ingredients Line 85201ADVERTISING TEXT5203Label Format No.:	518	3	NO HELP!
5192Ingredients_Line 25193Ingredients Line 35194Ingredients Line 45195Ingredients Line 55196Ingredients 6th line5197Ingredients Line 75198Ingredients Line 85201ADVERTISING TEXT5202Advert Text No.:5203Label Format No.:	519	1	Ingredients 1st line
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	520	3	Label Format No.:

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520	6	3.0
520	7	3.0
520	8	S022
520	9	S050
520	10	S040
520	11	S070
521	1	HELP
521	2	S077
521	3	NO HELP!
522	1	Advertising Text Line 1
522	2	Advertising Text Line 2
522	3	Advertising Text Line 3
523	1	FONT NUMBER
523	2	CHAR
523	3	2.0
523	4	S008
524	1	
524	2	
524	3	
524	4	(press any key)
525	1	OPERATION MODE
525	2	MODE No.:
525	3	COUNTRY
525	4	CODE
525	5	SUB-CODE
525	6	DESCRIPTION
525	7	VALUE
525	8	MODE
525	21	3.0
525	22	S003
525	23	3.0
525	24	3.0
525	25	S020

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525	26	7.0
525	27	S001
525	29	S008
525	31	LINE
525	33	6.2
525	34	CODE DOES NOT EXIST
525	35	OPERATION MODE NOT FOUND
525	36	No such par : %d index %d
525	37	Commod. No. Format Incorrect
525	38	TARE OUT OF RANGE
525	39	MANUAL MODE NOT ALLOWED
526	1	HELP
526	2	S077
526	3	NO HELP
527	1	LIST 1 TEXT
527	2	List No.:
527	3	Label format No.:
527	4	Index No.:
527	5	4.0
527	6	3.0
527	7	3.0
527	8	S022
527	9	S050
527	10	S040
527	11	S070
528	1	HELP
528	2	S077
528	3	NO HELP!
529	1	CLIENT No.:
529	3	6.0
530	1	Text 1 Line 1
530	2	Text 1 Line 2
530	3	Text 1 Line 3
530	4	Text 1 Line 4
530	5	Text 1 Line 5

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530	6	Text 1 Line 6
0	0	
531	1	Text 2 Line 1
531	2	Text 2 Line 2
531	3	Text 2 Line 3
531	4	Text 2 Line 4
531	5	Text 2 Line 5
531	6	Text 2 Line 6
0	0	
532	1	Text 3 Line 1
532	2	Text 3 Line 2
532	3	Text 3 Line 3
532	4	Text 3 Line 4
532	5	Text 3 Line 5
532	6	Text 3 Line 6
0	0	
534	1	LIST 2 TEXT
534	2	List No.:
534	3	Label Format No.:
534	4	Index No.:
534	5	4.0
534	6	3.0
534	7	3.0
534	8	S022
534	9	S050
534	10	S040
534	11	S070
535	1	HELP
535	2	S077
535	3	NO HELP!
0	0	
536	1	LIST 3 TEXT
536	2	List No.:
536	3	Label Format No.:
536	4	Index No.:

Parameter	Index	Description
536	5	4.0
536	6	3.0
536	7	3.0
536	8	S022
536	9	S050
536	10	S040
536	11	S070
0	0	
540	1	CALIBRATION
540	2	CONNECT SCALE 'PRESS ANY KEY'
540	3	TYPE OF SCALE (18)
540	4	2.0
540	5	CLEAR THE SCALE PLATE 'PRESS ANY KEY'
540	6	PLACE 3kg ON SCALE 'PRESS ANY KEY'
540	7	PLACE 6kg ON SCALE 'PRESS ANY KEY'
540	8	PLACE 12kg ON SCALE 'PRESS ANY KEY'
540	9	CALIBRATION FINISHED
540	10	SCALE NO.: 33
540	11	2.0
540	12	CALIBRATION UNSUCCESSFUL
540	14	DYNAMIC CALIBRATION
540	15	PRESS KEY AND PUT 6000 KG ON BANDS
540	16	PLEASE REPEAT PROCESS
540	17	CALIBRATING
540	18	LOAD SCALE PRESS ANY KEY
540	19	WAIT
540	20	PRESS ANY KEY AND PUT %s ON BANDS
0	0	
541	1	LABEL FORMAT
541	2	Label No.:
541	3	Index No.:
541	4	Copy of label format No.:
541	5	Dimension: width= mm
541	6	Height= mm
541	7	Print Direction

Parameter	Index	Description
541	8	Print Format List
541	9	3.0
541	10	51
541	11	1.0
541	12	No:
541	13	X–POS.
541	14	Y–POS.
541	15	FONT No.
541	16	NUMBER
541	17	DESCRIPTION OF PARAMETERS
541	18	S20
541	19	TURN
541	20	ATTRIBUTE
541	21	CENTRE
541	22	ART./KD.
541	23	INDEX
541	24	WIDTH
541	25	HEIGHT
541	26	Ú B/c No.Ù
541	27	FRAME
541	28	2.0
541	29	Font Height.:
541	30	Font Width.:
541	31	Centre:
541	32	Font Mode.:
541	34	Mark ?:
541	35	S02
541	36	S050
541	37	Special Field?:
0	0	
542	0	LABEL ERROR: CONTINUE BY KEY DEL
542	1	Telegram '%c': PRINTERERROR No. 0x%04x
542	2	Inquire: PRINTERERROR No. 0x%04x
542	10	REGISTRA ERROR CONTINUE WITH DEL
542	11	PAPER ERROR PR 2 CONTINUE WITH DEL

Parameter	Index	Description
542	12	PAPER ERROR PR %d CONTINUE WITH DEL
0	0	
543	1	INSERT DISC
543	2	
543	3	
543	4	
0	0	
544	1	COMMODITY TEXTS
544	2	Text No.:
544	3	Label Format No.:
544	4	Index–No.:
544	5	4.0
544	6	3.0
544	7	3.0
544	8	S022
544	9	S050
544	10	S040
544	11	S070
545	1	HELP
545	2	S077
545	3	NO HELP!
550	1	OPERATION MODE
551	60	6.0
551	61	6.0
551	151	1.0
553	1	TOTAL 1: PRESS KEY *
553	2	TOTAL 2: PRESS KEY *
553	3	TOTAL 3: PRESS KEY *
553	4	WHICH TOTAL ?
553	5	1.0
553	6	ENTER PLU No.
553	7	ENTER COMMOD. No. / F1 TO END
553	98	XXXXX
553	100	SORTING-MODE:
0	0	

Parameter	Index	Description
554	1	BARCODE FORMATS
554	2	BARCODE FORMAT No.
554	3	PAR.No.
554	4	INDEX
554	5	DIGITS
554	6	POS
554	7	PAR.No.
554	8	INDEX
554	9	MODE
554	10	POSITION
554	11	DIRECTION
554	12	S020
554	13	3.0
554	14	2.0
554	15	S001
554	16	S001
554	40	ТҮР
0	0	
555	0	28
555	1	COUNTRY CODE
555	11	S030
555	12	S030
555	20	Country No.:
555	21	Name
555	22	Rounding
555	23	Text Line 1
555	24	Text Line 2
555	25	Price Symbol Minus
555	25	Price Symbol Storno
555	26	Text 4 (net)
555	27	Text 5 ()
555	28	Text 6 (CLASS)
555	29	Text 7 ()
555	30	Text 8(du=dp=)
555	31	Text 9(Max/Min)

Parameter	Index	Description
555	32	Text Unit Price
555	33	Format Unit Price
555	34	Unit Price Symbol
555	35	Unit Price Printer Symbol
555	36	Price Symbol Printer
555	37	Weight : Text
555	38	Weight : Format
555	39	Weight : Symbol
555	40	Weight Symbol Printer
555	41	Price Format
555	42	Piece Symb. Printer
555	43	Tare Text
555	44	Tare Format
555	45	Tare Symbol
555	46	Tare Symb. Printer
555	47	Format No. Pieces
555	48	Format Tot.Pieces
555	49	Format Tot.Price
555	50	Format Tot.Weight
556	1	Check digit EAN 8/13
556	2	Check digit Code 39
556	3	Check digit 1 Code 93
556	4	Check digit 2 Code 93
556	5	Check digit Codabar
556	6	Check digit EAN 5 digits
556	7	Check digit EAN 4 digits
556	8	Special Character
556	9	Var. Checksum EAN
557	2	SAVING IN PROGRESS
557	3	DELETE
0	0	
558	0	M1, M2, M3, M4; MAIN MENU
558	1	DISC FUNCTIONS
558	2	PRODUCT DATA
558	3	LABEL FORMAT

Parameter	Index	Description
558	4	SYSTEM DATA
558	98	Password
558	99	PASSWORD TOTAL 3
0	0	
559	0	M0, 37, 38; DISC FUNCTIONS
559	1	MAIN MENU
559	2	DATA SAVING
559	3	DATA LOADING
0	0	
560	0	M0, 16, 40, 2, 15, 23, 64, P1.43; PRODUCT DATA
560	1	MAIN MENU
560	2	CREATE / EDIT PLU
560	3	PLU TEXTS
560	4	INGREDIENTS TEXTS
560	5	ADVERTISING TEXTS
560	6	DATE TEXTS
560	7	WEIGHT BANDS
560	8	"SERVICE CALIBRATION
0	0	
561	0	M0, 163, 104, P1.3, P1. 55, P1.35; LABEL LAYOUT
561	1	MAIN MENU
561	2	CREATE / EDIT PLU
561	3	LABEL FORMATS(OPTIONAL)
561	4	CHARACTERS TO PRINTER(OPTIONAL)
561	5	SCANNER(OPTIONAL)
561	6	"SERVICE LABEL FORMATS
561	7	"SERVICE LIGHT BARRIERS
561	8	"SERVICE SAVE SYSTEM DATA
0	0	
562	0	M0, 12, M54, 54, 44, 95, 7; SYSTEM DATA
562	1	MAIN MENU
562	2	SETTING DATE/TIME
562	3	DATA MANAGEMENT
562	4	PASSWORD ENTRY
562	5	PRINTER SETTINGS

Parameter	Index	Description
562	6	ONLINE CONFIGURATION
562	7	SOFTWARE VERSIONS
0	0	
563	0	M0, 28, 29, 39; DATA MANAGEMENT
563	1	MAIN MENU
563	2	ERASE DATA FILES
563	3	ERASE SYSTEM FILES
563	4	FORMAT DISC
0	0	
570	1	320200
570	2	W=SCALE , D=0.1d
570	3	0:TT.MM.JJ
570	4	Hh:Mm:Ss
570	5	PRINTER No.
570	6	TEST
570	7	TEST
570	8	TEST
570	9	TEST
570	10	CLEAR TOTAL 3 ? Yes=1 No=0
570	11	TOTAL 3 NOT CLEARED!
570	12	SAVE ? Yes=1/No=0
570	13	DELETE ? Yes=1/No=0
570	14	OK ? Yes=1/No=0
570	15	BLOCK %2d SAVE
570	18	ORDER NUMBER:
570	19	ORDER No. DOES NOT EXIST
570	20	PRINTER TASK : OK
570	21	PRINTER TASK : FAULT
570	22	ORDER TO THE PRINTER Y/N ?
570	23	2000
570	24	FILE NAME?:
570	25	0
570	26	TOTAL LABEL DOES NOT EXIST !
570	27	FILE DOES NOT EXIST !
570	28	10011002

Parameter	Index	Description
570	29	FIELD DOES NOT EXIST !
570	30	100
570	31	60
570	32	S10
570	33	NUMBERS ?
570	34	PINCODE ?
570	35	S10
570	36	PINCODE FALSE !
570	37	NEW PINCODE:
570	38	DATA.*
570	39	SYSTEM.*
570	40	Are You Sure ? Yes=1/No=0
570	41	0
570	42	1
570	43	MEMORY FULL
570	44	CLEARING TOTAL 3 !!
570	45	1
570	46	1
570	47	TOTAL PRINTER No
570	48	NO Block in Partition %d free
570	49	NO Partition %d
570	50	0ONLINE-WAIT
570	51	0LIGHT-BARRIER?
570	52	7
570	53	5120"2048"1024
570	54	Bytes free
570	55	1
570	56	CLEAR TOTAL 4 ? Yes=1/ No=0
570	57	TOTAL 4 NOT CLEARED !
570	58	CLEAR TOTAL 5 ? Yes=1/ No=0
570	59	TOTAL 5 NOT CLEARED !
570	60	0MOPSY
570	61	0WITHOUT APPLICATOR
570	62	0WITHOUT CONVEYER
570	63	Registra endless paper

Parameter	Index	Description
570	64	4.0
570	70	22500
570	71	0ENGLAND
570	72	228
570	73	25000
570	74	0
570	75	0HIGH SPEED
570	76	125
570	77	250
570	78	0
570	79	0
570	80	0
570	81	1500
570	82	APPLICATOR NO
570	83	OBAACKES
570	84	0HOEHENRAINER
570	85	162243
570	86	114
570	87	1
570	88	0
570	89	0
570	90	0
570	91	0
570	92	0
570	93	0
570	94	OTESTCYCLE
570	95	0
570	96	1
570	97	54040
570	98	1
570	99	OWALDISSA
570	100	0KEYBOARD-DELAY
570	101	0
570	102	0
570	103	SCALE %d NOT VALID. SWITCH OFF

Parameter	Index	Description
570	104	0
570	111	ONLINE-ERROR TX >%d<
570	112	ONLINE-ERROR RX >%d<
570	113	ONL322–ERROR TX >%d<
570	114	ONL322–ERROR RX >%d<
570	115	ONLINE-ERROR: SWITCH OFF
570	116	0 MIS-DATA
570	120	CONVEYER IS STOPPED PRESS ANY KEY
570	121	0 Test ESC103_Tast
570	122	0
570	123	8
570	124	MEMORY OF TOTALS FULL
570	125	3 (SIGNAL END–SCALE)
570	126	5 (SIGNAL END–PLUNGER)
570	127	1 (LOAD FIELDDEFINITIONS NEW)
570	128	10 (TIMEOUT FOR CTS)
570	129	111100
570	130	0 (Timeout for box)
570	131	0 (Status TOTAL–STORE)
570	132	0 (Stempel ohne Drucker)
570	133	0 (BELL-BASEL)
570	134	0 (Startdelay for box)
570	135	0 (TESTMODE ESD103)
570	136	0 FORMAT TOTAL 4
570	137	0 ESAM
570	138	0"00 WELDOTRONSCANVAEGT"ULMA
570	139	0 Test ELIXA
570	140	0 ES600K
570	141	0 ZOTT
570	142	0 #19–Display
570	143	0 ES300_ZWL
570	144	0 x22: DEL
570	145	1 MALLOC-ONLINE
570	146	8 DISPLAY_203
570	147	0 KEYBOARD

Parameter	Index	Description
570	148	0 TOTAL 4 Tare
570	149	0 INTERNAL
570	150	0 ACTIVATE PROTECTED FIELDS
570	151	00 DISSELHOF
570	152	DD.MM.YY
570	153	1\020 HOTKEY
570	154	0 TOTAL 2 for another use
570	155	152 COUNTER
570	156	00 W33 PLUNGERTIMEOUT
570	157	1 PRINTERVERSION
570	158	0"80"40 FRISCHPACK
570	159	110 BON_LS
570	160	0
570	161	11 FELD_ONCE
570	162	43 TOTAL LABEL
570	163	0 TOTALDELAY
570	164	1"MANUALAUTOMATICTRANSPORT MA"T
570	165	200"83" ES600Kvar TD_ES600K
570	166	0 ES300 ASA
570	167	1
570	168	1FUNCTION NOT ALLOWED
570	169	0GOOSENS
570	170	0"50"FRISCHPACK
0	0	
571	1	Date Text Line 1
571	2	Date Text Line 2
572	1	DATE TEXT
572	2	Date Text No.:
572	3	Label Format No.:
572	4	Index No.:
572	5	4.0
572	6	3.0
572	7	3.0
572	8	S022
572	9	S050

Parameter	Index	Description
572	10	S040
572	11	S070
572	12	S15
573	1	HELP
573	2	S077
573	3	NO HELP!
574	1	MACHINE CODES
574	2	ТҮРЕ
574	3	No.
574	4	TYPE NAME
574	5	ADDRESS
574	6	SERIAL NUMBER
574	7	STATUS
574	8	S03
574	9	S02
574	10	S15
574	11	S02
574	12	S14
574	13	S03
575	0	Minus
575	99	Test
576	3	CODE #
576	4	2.0
0	0	
577	1	PRINTER SETTINGS
577	2	SETUP No.:
577	3	ТҮР
577	4	No
577	5	ADD.
577	6	NAME
577	7	TTF/TD
577	8	CON.
577	9	QUALITY
577	10	GAP
577	11	LBDIS

Parameter	Index	Description
577	12	RES_3
577	20	3.0
577	21	3.0
577	22	2.0
577	23	2.0
577	24	1.0
577	25	1.0
577	26	1.0
577	27	3.0
577	28	3.0
577	29	3.0
577	35	S03
577	36	S03
577	37	S02
577	38	S02
577	39	S015
577	51	TTF
577	52	TD
577	53	
577	54	HI
578	1	PASSWORD DEFINED
578	2	MENU
578	3	NUMBER
578	4	FUNCTION
578	5	PASSWORD
578	6	3.0
578	7	3.0
578	8	S30
578	9	S10
0	0	
581	1	Flag No
581	2	Article No
581	3	Number 3
581	4	Number 4
581	5	Number 5
Parameter	Index	Description
-----------	-------	---
581	6	Number 6
581	7	Number 7
581	8	Number 8
0	0	
640	1	CHANGE OF PRINTER ADDRESS
640	2	TYPE
640	3	NO.
640	4	DESIGNATION
640	5	ADDRESS
640	6	SERIAL NUMBER
640	7	STATUS
640	8	S03
640	9	S02
640	10	S15
640	11	S02
640	12	S14
640	13	S03
640	40	S80
640	41	PRINTER SELCTION < UP DOWN ENTER>
640	42	PRINTER
640	43	CONNECTION <enter></enter>
640	44	SELECTION OK!
640	45	ACTUAL ADRESS:
640	46	NEW ADRESS :
640	47	TEST !
640	48	CHANGE PRINTER-ADRESS ? <y enter="" n=""></y>
640	49	ADRESS CHANGED !
640	50	ADRESS UNCHANGED !
640	51	
640	52	NOT FOUND !
640	53	IN SELECTION! PLEASE WAIT !
0	0	
642	1	OPERATOR INSTRUCTIONS
642	2	SALES
642	3	NO

Parameter	Index	Description
642	4	OPERATOR INSTRUCTION
642	5	OPERATOR INSTRUCTIONS
642	6	INDEX
642	7	3.0
642	8	S020
0	0	
643	10	Break
643	11	Preselect. *1 finished
643	12	Preselect. *2 finished
643	13	Stop
643	14	Minus
0	0	
644	1	ONLINE ON/OFF
644	2	ONLINE NOT ACTIVATED
644	3	ONLINE ACTIVATED
0	0	
645	1	BAUDRATE
645	2	PARITY
645	3	DATABITS
645	4	#8. Bit
645	5	STOPBITS
645	6	ACK
645	7	NAK
645	8	STX
645	9	ETX
645	10	MESSAGE
645	11	CONFIRMATION
645	12	SUBMESSAGE
645	13	HANDSHAKE
645	14	CHECKSUM
645	15	DC1
645	16	DC3
645	17	MAX. LENGTH
645	18	DELIMITER No./DATA
645	19	REPEATS

Parameter	Index	Description
645	20	APPLICATION
645	21	I/O-PROTOCOL
645	22	PORT
645	23	ONLINE
645	24	ERROR TEXTS
645	25	ENQUIRE-Mode
645	52	%02x
645	61	%1d
645	62	%2d
645	63	%4d
645	70	CONFIGURATION
645	71	N° CONFIGURATION
645	72	GROUP No
645	73	
645	74	STANDARD-COM-PORT
645	75	INTERFACE CHANNEL A
645	76	INTERFACE CHANNEL B
645	80	3.0
645	81	3.0
645	82	S002
645	91	1.0
645	92	2.0
645	93	4.0
645	100	INTERFACE
645	101	CHARACTER CODES
645	102	TIMEOUTS
645	103	PROTOCOL
645	104	MESSAGE
645	105	FUNCTION MODE
645	120	2400
645	121	4800
645	122	9600
645	123	19200
645	124	38400
645	125	EVEN

Parameter	Index	Description
645	126	ODD
645	127	NONE
645	128	7
645	129	8
645	130	0
645	131	1
645	132	NONE
645	133	1
645	134	1.5
645	135	2
645	136	XON/XOFF
645	137	CTS/RTS
645	138	NONE
645	139	1 BYTE
645	140	2 ASCII–SYMBOLS
645	141	#NONE
645	142	128
645	143	256
645	144	512
645	145	1024
645	146	33
645	147	:
645	148	1
645	149	
645	150	MESSAGE
645	151	QUEUE F. IBM
645	152	QUEUE F. COMMODORE
645	153	NO PROTOCOL
645	154	RX/TX–DATA
645	155	RS232
645	156	RS485
645	157	SWITCH OFF
645	158	SWITCH ON
645	159	YES
645	160	NO

Parameter	Index	Description
645	170	#ONLINE 322/903
645	171	MIS-DATA
645	172	XOR
645	173	NONE
645	174	OFF
645	175	ON
645	176	RX/TX–DATA UART1/A
645	177	RX/TX–DATA UART2/A
645	178	RX/TX–DATA UART2/B
645	179	PROTOCOLL-PORT
645	180	PROTOCOLL
645	181	3 Byte ASCII
645	182	NONE
645	183	UBI-SCANNER
645	184	TEST-MODE
645	185	57600
645	186	115200
645	200	Unknown Parameter '%s'
645	201	Value not unique for '%s': '%s'
645	202	Wrong Value for '%s': 0x%x (0x000x%02x)
645	203	Wrong Value for '%s': %d (0%d)
645	204	Undefined Value for '%s': '%s'
645	205	Parameter '%s' not unique
645	206	No Value available for '%s'
645	207	No Parameter available
0	0	
660	0	MK, 5, 6, 22, 21, 14, 1, M1;PROGRAMMING
		ANDSERVICE MENU
660	1	MAIN MENU (M)
660	2	PARAMETER LIST
660	3	FUNCTIONS LIST
660	4	BARCODE-FORMAT
660	5	COUNTRY-CODE
660	6	FIELD DEFINITION LIST
660	7	LABELLING PROGRAM

Parameter	Index	Description
660	8	SERVICE DATA MANAGEMENT (M)
0	0	
661	0	M0,36, 35, 38, 37, 28, 29, M2; SERVICE DATA MANAGEMENT
661	1	SERVICE MENU (M)
661	2	LOAD SYSTEM
661	3	SAVE SYSTEM
661	4	LOAD DATA
661	5	SAVE DATA
661	6	ERASE DATA FILES
661	7	ERASE SYSTEM FILES
661	8	SERVICE DESIGN UTILITYS (M)
0	0	
662	0	M0, 34, 10, 3, 4, 41, 42, M3; SERVICE DESIGN UTILITIES
662	1	SERVICE MENU (M)
662	2	MODULE ADDRESS CODE
662	3	CHARACTERS TO PRINTER
662	4	LABEL FORMATS
662	5	SCANNER
662	6	LOAD DATA SELCTIVE
662	7	SAVE DATA SELCTIVE
662	8	SERVICE TEST UTILITIES (M)
0	0	
663	0	M0, 55, 43; SERVICE TEST UTILITIES
663	1	SERVICE MENU (M)
663	2	LIGHTBARRIER
663	3	CALIBRATION OF THE SCALE
0	0	
697	1	NO DATA AVAILABLE
697	2	RECORD LOCKED
697	3	MEMORY FULL
697	4	UNKNOWN ACTION
697	5	NO LABEL
697	6	BUFFER FULL
697	7	NO WS-RAM AVAILABLE

Parameter	Index	Description
697	8	NOT READY
697	9	BUSY
697	10	NO FIELD
697	11	WRONG FIELD
697	12	NO KEY
0	0	
701	1	JA
701	2	JB
701	3	JC
701	4	JD
701	5	JE
701	6	JF
701	7	JG
701	8	JH
701	9	JI
701	10	AJ
701	11	AA
701	12	AB
701	13	AC
701	14	AD
701	15	AE
701	16	AF
701	17	AG
701	18	АН
701	19	AI
701	20	BJ
701	21	BA
701	22	BB
701	23	BC
701	24	BD
701	25	BE
701	26	BF
701	27	BG
701	28	BH
701	29	BI

Parameter	Index	Description
701	30	CJ
701	31	CA
702	1	JANUARY
702	2	FEBRUARY
702	3	MARCH
702	4	APRIL
702	5	MAY
702	6	JUNE
702	7	JULY
702	8	AUGUST
702	9	SEPTEMBER
702	10	OCTOBER
702	11	NOVEMBER
702	12	DECEMBER
702	13	JAN
702	14	FEB
702	15	MAR
702	16	APR
702	17	MAY
702	18	JUN
702	19	JUL
702	20	AUG
702	21	SEP
702	22	ОСТ
702	23	NOV
702	24	DEC
703	0	IJ
703	1	IA
703	2	IB
703	3	IC
703	4	ID
703	5	IE
703	6	IF
703	7	IG
703	8	IH

Parameter	Index	Description
703	9	II
704	1	VN
704	2	MA
704	3	AP
708	7	3.0
708	8	S020
709	98	2.0
709	99	S030
801	1	GRUNDPREIS EINWAAGE BETRAG
802	1	PRIX AU kg POIDS NET PRIX A PAYER
803	1	PRICE PER Ib NET WEIGHT PACK PRICE
804	1	PRICE PER kg NET WEIGHT PACK PRICE
805	1	PRECIO PESO NETO IMPORTE
806	1	PREZZO/kg PESO NETTO IMPORTO
807	1	KG–PRIS V'GT SALGSPRIS
808	1	Mk/kg kg Mk
809	1	PRICE PER kg WEIGHT PACK PRICE
810	1	TARE/kg PREZZO PESO NETTO IMPORTO
0	0	
895	0	BAUD = 9600" PARI = N DATENBITS =
		8 STOPBITS = 1
895	1	ACK = 06" NAK = 15 STX = 02 ETX = 03
895	2	TELE = 300" QUITT = 300" FOLGE = 300
895	3	HAND = NONE" CHECK = 1 DC1 = 11 DC3 = 13
895	4	MAX = 256" TRENN = " WIEDER = 2
895	5	8895 5 0
0	0	APPL=TEST"I/O-PRO=KEINBAU=
		RS485ONLINE=
		AUSFEHLER=NEINENQ=OFF
0	0	
896	0	BAUD = 9600" PARI = N DATENBITS =
		8 STOPBITS = 1
896	1	ACK = 06" NAK = 15 STX = 02 ETX = 03
896	2	TELE = 300" QUITT = 300" FOLGE = 300

Parameter	Index	Description
896 :	3	HAND = CTS/RTS" CHECK = 1 DC1 = 11 DC3 = 13
896	4	MAX = 256" TRENN = " WIEDER = 2
896	5	8896 5 0
0	0	APPL=TEST"I/O-PRO=KEINBAU=
		RS232ONLINE=
		AUSFEHLER=NEINENQ=OFF
0	0	
897	0	BAUD = 9600" PARI = N DATABITS =
		8 STOPBITS = 1
897	1	ACK = 06" NAK = 15 STX = 02 ETX = 03
897 2	2	MESS = 300" CONFI = 300" SUBME = 300
897	3	HAND = NONE" CHECK = 1 DC1 = 11 DC3 = 13
897	4	MAX = 256" DELIM = " REPEAT = 2
897	5	8897 5 1
0	0	APPL=MESS"I/O-PRO=NOPORT=
		RS232ONLINE=
		SWITCH OFFERROR=NOENQ=OFF
0	0	
899	0	80110210"
899	1	80700710720"
899 2	2	730740750"
899 :	3	760770780"
899	10	64310"
899	11	64311"
899	12	64312"
899	13	64313"
899	14	64314"
900 :	3	MINUS YES=0 NO=1
990	0	PRINTER POSITION
998	2	YB
998	1	CL
998	2	GT
998	3	BT
998	4	SH
999	0	DUMMY

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17.1 Function code

Minus (returns)

Function	Code	Description	Attribute	Value
4	0	MINUS		

Attribute	No entry
Value	No entry

Description

This function allows you to return unusable packs. The values for weight and price for each pack and the number of packs is subtracted from the accumulated totals.

If any one of the values for the returned packs is greater than the corresponding accumulated total, then that total will not have a negative value but will become 0. For example, if the weights of the returned packs are greater than the current weight value for total 1, then the total1 value for weight will return to 0.

You may only return packs during labelling if the function code 4–0 is included in a labelling program that uses special mode 1 (function 3–1).

The default standard labelling program (96–50) already includes the subroutine (96–104) necessary for you to use the minus function.



Using Minus function





Using Minus/Non add with fixed values

If the PLU is programmed for fixed weight and/or price and the fixed values are displayed, you can press



to accept the displayed value.

Providing the program allows operator changes to the fixed values, you can enter a different value for the

weight and/or price. Press

to confirm the value. E

Example

Labe	Labelling Program No. 2							
line	code	sub code	Description	Attribute	Value			
1	60	0	PLU No.		0			
2	19	0	REPEAT LABEL		2			
3	3	0	STANDARD MODE		0			

Enable dates

Function	Code	Description	Attribute	Value
33	0	Date 1		
34	0	Date 2		
35	0	Date 3		

Attribute Value

No entry or # (store change No entry

Description

If dates 1, 2 and 3 are enabled in the labelling program, you can enter the product life time for the appropriate date as a numerical value when the PLU is selected/entered by the operator. The date is calculated using the new product life time and printed using the selected date format.

Labe	Labelling Program No. 2							
line	code	sub code	Description	Attribute	Value			
1	60	0	PLU No		0			
2	33	0	Date 1		2			
3	3	0	STANDARD MODE		0			

Fixed value

Function	Code	Description	Attribute	Value
53	1	FIXED PRICE		
53	2	FIXED WEIGHT		
53	3	FIXED PRICE + Qty		
53	4	FIXED WEIGHT + PRICE		
53	5	FIXED WEIGHT + UNIT PRICE		
53	0	UNIT PRICE		

Attribute Value

No entry or # (store change) No entry

Description

You must enter the function code for the fixed values required in the labelling program. You can then enter or change the value for the fixed weight, price etc. during the labelling operation. The values will be included in the totals.

Labe	Labelling Program No. 2							
line	code	sub code	Description	Attribute	Value			
1	60	0	PLU No		0			
2	53	4	FIXED WEIGHT + PRICE		0			
3	3	0	STANDARD MODE		0			

Totals

Function	Code	Description	Attribute	Value
55	1	Enable total 1		
55	2	Enable total 2		
55	3	Enable total 3		
55	4	Enable total 4		
55	5	Enable total 5		

Attribute Value

No entry Number of total labels

Description

The system supports five totals. You must enable the total in the labelling program before you can use it in the labelling operation. Enter the number of totals labels required in the value column.

Totals can only be printed when a PLU is selected and

active. To initiate totals printing, press $\boxed{+}$

,followed

by the number for the type of total required and

E

If the PLU has pre-set totals, the totals request is automatically initiated when the value is reached.

Total 1 (box total)

Total of individual values for a PLU/customer number.

Up to change of PLU/customer number

Totalisation: automatic

Total print: label

Total clearing: automatically when a different PLU or customer number is selected

Total 2 (pallet total)

Total of total 1 values to give a pallet total.

Up to total 2 number of boxes Totalisation: automatic Total print: label

Total clearing:	automatically when the total 2 label is printed
Total 3 (machine to	tal)
Total of all individual	totals.
Totalisation:	automatic
Total print:	label
Total clearing:	manually after the total 3 label is printed
Total 4 (total 5 listin	ig)
Total of all PLU totals).
Totalisation:	from total 4 or 5 enabled
Total print:	label
Total clearing:	manually after the total 4 label is printed
Total 5 (Individual F	PLU total)
Total of currently sele	ected PLU.
Totalisation:	from total 5 enabled
Total print:	label
Total clearing:	manually after the total 5 label is printed
 Totals 4 and 5 use 	e the same totals store.
 You can assign pa 5 from clearing. 	asswords to protect totals 3, 4 and
 For all totals exce price and number Total 2 is the num 	pt Total 2, the values for weight, of individual packs are totalled. ber of Total 1 operations.

Total 4 printing

Total 4 can be sent to the integral thermal printer or to an external dot matrix printer.

If you use the thermal printer you can select to print either on separate labels or continuous paper. When prompted, select PLU 999999 to print on continuous paper or PLU 888888 to print on separate labels.

When prompted for sort type:

press **0** to sort according to PLU number/customer



press 1 to sort according to customer number/PLU number.



If function code 88–13 is enabled you will only be able to print to a dot matrix printer.

Dot matrix printer

Function	Code	Description	Attribute	Value
88	13	Registra *4 Alternative		

Attribute Value No entry Number of text list for printing 0 = Continuous printer switched off

Description

This function enables you to print to an alternative printer using continuous paper. The dot matrix printer must have a Centronics interface and be connected to the B806/B901 with a 25 pin D type connector.

The text printout will be determined by the number of the text list in the value column. The text list is stored on floppy disk (default filename DATA.RT1) which must be present in the disk drive of the B806/B901.

Labe	Labelling Program No. 2					
line	code	sub code	Description	Attribute	Value	
1	58	2	Take next function		0	
2	88	13	Registra *4 Alternative		0	
1	60	0	PLU No		0	
3	55	4	Enable total 4		0	

Texts for individual labels

Function	Code	Description	Attribute	Value
56	1	ENABLE ADVERT TEXT		
56	2	ENABLE INGRED. TEXT		
56	3	ENABLE DATE TEXT		
56	4	ENABLE ARTICLE TEXT		
56	5	ENABLE TEXT LIST		

Attribute N Value N

No entry No entry or number of text

Description

You can define a variety of texts such as advertising texts or product life texts and store them under an identifying number. If the label format you are using has the appropriate fields set up, you can enter the number of the text you want when the PLU is selected.

Example 1

Operator entered text number.

Labelling Program No. 2							
line	code	sub code	Description	Attribute	Value		
1	60	0	PLU No		0		
2	56	1	ENABLE ADVERT TEXT		0		
3	3	0	STANDARD MODE		0		

Example 2

Text number defined within the labelling program.

Labe	Labelling Program No. 2							
line	code	sub code	Description	Attribute	Value			
1	60	0	PLU No		0			
2	56	1	ENABLE ADVERT TEXT		12			
3	3	0	STANDARD MODE		0			

Go to next function

Function	Code	Description	Attribute	Value
58	2	Take next function		

Attribute No entry Value No entry

Description

The standard program requires you to enter the PLU number first. Enter this function code in line 1 of the labelling program if you need other functions executed before calling the PLU.

Example

In this example the function code for the appropriate printer is entered first.

Labe	Labelling Program No. 2							
line	code	sub code	Description	Attribute	Value			
1	58	2	Take next function		0			
2	570	5	PRINTER No.		1			
3	60	0	PLU No		0			
4	3	0	STANDARD MODE		0			

Barcode in/out

Function	Code	Description	Attribute	Value
59	0	BARCODE		
59	1	BARCODE SUPPRESSION		

Attribute No entry Value No entry

Description

If the PLU contains barcode data the barcode will be printed automatically.

For special applications, where it is necessary to suppress barcode printing, use the function code 59 - 1.

Example

Labe	Labelling Program No. 2						
line	code	sub code	Description	Attribute	Value		
1	60	0	PLU No		0		
2	59	1	BARCODE SUPPRESSION		0		
3	3	0	STANDARD MODE		0		

PLU number

Function	Code	Description	Attribute	Value
60	1	NEW PLU/CUSTOMER No.		

Attribute	No entry
Value	No entry

Description

If a PLU only has customer number 0 assigned to the product you may use function code 60 - 0

If you want to be able to change the customer number during labelling you must use function code 60 - 1. In order to label you must enter the PLU number and the customer number.

Labe	Labelling Program No. 2						
line	code	sub code	Description	Attribute	Value		
1	60	1	NEW PLU/CUSTOMER No.		0		
2	3	0	STANDARD MODE		0		

Unit price

Function	Code	Description	Attribute	Value
62	0	Unit price	-	

AttributeNo entry or # (store change)ValueNo entry

Description

The unit price multiplied by the weight value (measured or fixed) determines the calculated price for the pack.

The stored unit price is displayed by the labelling program and can be changed by the operator temporarily or, if # is displayed, the changes will be stored by the system.

Example

Labe	Labelling Program No. 2							
line	code	sub code	Description	Attribute	Value			
1	60	0	PLU No		0			
2	62	1	Unit price		0			
3	3	0	STANDARD MODE		0			

Tare

Function	Code	Description	Attribute	Value
63	0	Tare		

AttributeNo entry or # (store change)ValueNo entry

Description

Tare is a weight value representing the weight of the pack.

If you use a tare, the tare value is deducted from the weight value given for the pack.

Labe	Labelling Program No. 2							
line	code	sub code	Description	Attribute	Value			
1	60	0	PLU No		0			
2	63	0	Tare		0			
3	3	0	STANDARD MODE		0			

Page numbering (fixed)

Function	Code	Description	Attribute	Value
64	1	PAGINATION SINGLE		
64	2	PAGINATION TOTAL 1		
64	3	PAGINATION START No.		

Attribute No entry Value No entry

Description

You can use this function provided that parameter 12–0 is included in the Field Definition List and an appropriate field, using parameter 12–0, has been created in the label format.

Fixed page numbering can be used with operating modes 3–0, 3–1 and 3–4.

Use function code 64–1 if you want the count incremented with every label printed, and 64–2 if you only want the count incremented after every total 1 label. The count will normally start with 1, but if you include the function code 64–3 in the labelling program the operator can enter the start value during labelling.

If you want the count to appear in the barcode you must also include the parameter 12–0 in the barcode format.

Example

Labelling Program No. 2						
line	code	sub code	Description	Attribute	Value	
1	60	0	PLU No		0	
2	64	1	PAGINATION SINGLE		0	
3	3	0	STANDARD MODE		0	



See page 17–28 for variable page numbering.

Suppress individual label

Function	Code	Description	Attribute	Value
69	1	SUPPRESS LABEL		

Attribute No entry Value No entry

Description

If you do not need to label individual packs, you can use this function to suppress individual labels. Values for weight, price and number of packs will still be included in totals.

Example

Labe	Labelling Program No. 2							
line	code	sub code	Description	Attribute	Value			
1	60	0	PLU No		0			
2	69	0	SUPPRESS LABEL		0			
3	3	0	STANDARD MODE		0			

Pre-set values for Total 1

Function	Code	Description	Attribute	Value
80	1	SET TARGET BOX WEIGHT		
80	2	Set No. of Packs in a box		
80	3	Set target price of the box		

Attribute Value No entry or # (store change) No entry

Description

If you include any one or all of these functions in the labelling program you can enter a pre–set value for the appropriate total 1 value during labelling.

When the pre-set value is reached during labelling, the

machine will stop until you press $\boxed{*}$.

. If total 1 has

been enabled, a total 1 label will be printed.

You may only use # in the attribute column for saving the changes in special programs that already have a PLU/customer number allocated.



Example

Labe	Labelling Program No. 2						
line	code	sub code	Description	Attribute	Value		
1	60	0	PLU No		0		
2	80	2	Set No. of Packs in a box		0		
3	3	0	STANDARD MODE		0		

Pre-set values for Total 2

Function	Code	Description	Attribute	Value
80	4	No. of boxes on a pallet		
80	5	Set Total 2 target weight		

Attribute Value

No entry or # (store change) No entry

 \ast

Description

If these functions are enabled, you may pre-set the number of totals 1 (boxes) at which a total 2 (pallet) will be initiated

When the pre-set value is reached during labelling, the



. If total 2 has

been enabled, a total 2 label or labels will be printed.

You may only use # in the attribute column for saving the changes in special programs that already have a PLU/customer number allocated.

Example

%

Labe	Labelling Program No. 2						
line	code	sub code	Description	Attribute	Value		
1	60	0	PLU No		0		
2	80	4	No. of boxes on a pallet		0		
3	3	0	STANDARD MODE		0		

Totals data display

Function	Code	Description	Attribute	Value
81	1	Display accumulated weight of packs in a box		
81	2	Display accumulated no of packs in box		
81	3	TOTAL1 PACK PRICE		
81	4	Display the no. of boxes packed		
81	5	DISPLAY TOTAL2 WEIGHT		

Attribute No entry Value No entry

Description

If these functions are enabled, you will see the current total 1 values for the number of packs, total pack price and total weight of the packs as each label is printed. For total 2 you will see the values for the number of boxes (totals 1) and the total weight of the boxes.

The values will be listed on the display in the order in which the function codes were listed in the labelling program.

Labe	Labelling Program No. 2						
line	code	sub code	Description	Attribute	Value		
1	60	0	PLU No		0		
2	81	1	Display accumulated weight of packs in a box		0		
3	81	2	Display accumulated no of packs in box		0		
4	3	0	STANDARD MODE		0		

Wait for key

Function	Code	Description	Attribute	Value
88	2	Wait for key		

Attribute No entry Value No entry

Description

When the program encounters function code 88–2 it waits for you to press the key. If you press a key defined in the labelling program (attribute column), the program continues from the line number defined in the value column. If you press an undefined key the program goes to the next line and executes the function code there.

Use key

Function	Code	Description	Attribute	Value
88	3	use key		

Attribute Value Name of key e.g. 1, 2, * No entry

Description

When the program encounters function code 88–3 it uses the key listed in the attribute column. You can use the function code 88_3 several times in succession in a labelling program.

To use the function code, type in the name of the key.

To select one of the function keys (F1 to F10) or the

keys F, T, *, # and the red E, press | **F8** before entering

the key name. Press F8 twice if you want to use F8 in

the function code.

Example

To change the PLU number automatically.

Labe	Labelling Program No. 2								
line	code	sub code	Description	Attribute	Value				
1	60	0	PLU No		0				
2	88	3	use key	1	0				
3	88	3	use key	3	0				
4	88	3	use key	5	0				
5	3	0	STANDARD MODE		0				

Password in labelling program

Function	Code	Description	Attribute	Value
88	4	PASSWORD	-	



Description

You may use function code 88-4 as often as you like in a labelling program. Each time the program encounters code 88-4 it will call for entry of the correct password.

This means that you can protect all data entries with a password.



Set up the password itself in the menu PASSWORD ALLOCATION

Example

In this example changing the unit price is password protected and the operator can only enter a new value for the unit price after entering the correct password.

Labe	Labelling Program No. 2						
line	code	sub code	Description	Attribute	Value		
1	60	0	PLU No		0		
2	88	4	PASSWORD		98		
3	62	0	Unit price		0		
4	3	0	STANDARD MODE		0		

Automatic printing of totals labels

Function	Code	Description	Attribute	Value
88	10	Automatic total print off		
88	11	Automatic total; print on		

Attribute No entry Value No entry

Description

Totals label printing is normally initiated by pressing

* after reaching a pre-set number.

Use function code 88–11 in the labelling program when you want the total label to be printed automatically.

Example

Labe	Labelling Program No. 2							
line	code	sub code	Description	Attribute	Value			
1	60	0	PLU No		0			
2	80	2	Set No. of Packs in a box		0			
3	88	11	Automatic total; print on		0			
4	3	0	STANDARD MODE		0			

Branch always

Function	Code	Description	Attribute	Value
90	0	Branch always to		

Attribute Value No entry line number (in labelling program)

Description

When the program encounters function code 90_0 in the labelling program, it continues executing the program from the line number specified in the value column.

In this example the program is in a loop. After labelling or any key press the program goes to line 3 and then back to line 2. Use another function code to quit the loop.

Example

Labe	Labelling Program No. 2							
line	code	sub code	Description	Attribute	Value			
1	60	0	PLU No		0			
2	3	1	Special Mode 1		0			
3	90	0	Branch always to		2			

Branch if preselect *1

Function	Code	Description	Attribute	Value
90	1	BRA. IF PRES. *1 TO		

Attribute Value No entry line number (in labelling program)

Description

Only use this function code where the program has preset values for total 1 and these totals have been reached (function codes 80–1, 80–2, 80–3).

In this example labelling continues until the preset value is reached and then returns to the start for the next PLU number to be entered.

Example

%

Labe	Labelling Program No. 2							
line	code	sub code	Description	Attribute	Value			
1	60	0	PLU No		0			
2	80	2	Set No. of Packs in a box		0			
3	3	1	Special Mode 1		0			
4	90	1	BRA. IF PRES. *1 TO		6			
5	90	0	Branch always to		3			
6	3	3	Return to start		0			

Branch if preselect *2

Functio	n Code	Description	Attribute	Value
90	2	BRA. IF PRES. *2 TO		

AttributeNo entryValueline number (in labelling program)



Description

If a preset value for total 2 has been enabled (function code 80–4) and the value reached, when the program encounters function code 90_2 in the labelling program, it continues executing the program from the line number specified in the value column.

Example

Labelling Program No. 2						
line	code	sub code	Description	Attribute	Value	
1	60	0	PLU No		0	
2	80	4	No. of boxes on a pallet		0	
3	3	1	Special Mode 1		0	
4	90	2	BRA. IF PRES. *2 TO		6	
5	90	0	Branch always to		3	
6	3	3	Return to start		0	

Branch if numeric

Function	Code	Description	Attribute	Value
90	3	Branch if numeric to		

Attribute Value No entry

line number (in labelling program)

Description

This function allows you to change the unit price during labelling. If you press a numeric key after a label has been printed, the program jumps back to line 2 (unit price). Enter the new unit price and the program continues labelling.

₩ µ¥

If you press $|_{F1}$ the program goes to line 7 (return to

start). Enter a new PLU number.

Example

Labelling Program No. 2						
line	code	sub code	Description	Attribute	Value	
1	60	0	PLU No		0	
2	62	0	Unit price		0	
3	3	1	Special Mode 1		0	
4	90	3	Branch if numeric to		2	
5	90	6	Branch if key x to	F	7	
6	90	0	Branch always to		3	
7	3	3	Return to start		0	

Branch if *

Function	Code	Description	Attribute	Value
90	4	Branch if * to line	-	

Attribute Value No entry line number (in labelling program)

Description

When the program encounters function code 90_4 in the

labelling program, if you press $\boxed{*}$ (red) it continues

executing the program from the line number specified in the value column.



In this example if you press | *

the program jumps

to line 5 (return to start). In effect, the program is aborted.

Labelling Program No. 2					
line	code	sub code	Description	Attribute	Value
1	60	0	PLU No		0
2	3	1	Special Mode 1		0
3	90	4	Branch if * to line		5
4	90	0	Branch always to		2
5	90	3	return to start		0
Branch if F

Function	Code	Description		Attribute	Value
90	5	BRA. IF [F] TO LINE			
		Attribute Value	No entry line numbe	r (in labelli	ng program
	Ľ	Description			
	V	Vhen the program er	ncounters fu	nction code	e 90_5 in th
	la	abelling program, if y	ou press	F (red) i	t continues
	e tł	xecuting the programe value column.	n from the li	ne number	specified ir
≫8 -	Ir	n this example if you	press F	the prog	ram jumps
er)	to a	o line 5 (return to sta borted.	rt). In effect	t, the progr	am is

Example

%

Labe	Labelling Program No. 2						
line	code	sub code	Description	Attribute	Value		
1	60	0	PLU No		0		
2	3	1	Special Mode 1		0		
3	90	5	BRA. IF [F] TO LINE		5		
4	90	0	Branch always to		2		
5	3	3	Return to start		0		

Branch if key x

Function	Code	Description	Attribute	Value
90	6	Branch if key x to		

Attribute Value

Name of key e.g. A, 2, * line number (in labelling program)

Description

When the program encounters function code 90_6 in the labelling program, if you press the key specified in the attribute column, it continues executing the program from the line number specified in the corresponding value column.

To use the function code, type in the name of the key. To select one of the function keys (F1 to F10) or the keys F, T, *, # and the red E, press $\boxed{F8}$ before you

press the key you want in the attribute column. Press $\boxed{\mathbf{F8}}$ twice if you want to use F8 in the function code.

Example1

In this example if you press A the program jumps to

line 5 (return to start). In effect, the program is aborted.

Labe	Labelling Program No. 2								
line	code	sub code	Description	Attribute	Value				
1	60	0	PLU No		0				
2	3	1	Special Mode 1		0				
3	90	6	Branch if key x to	A	5				
4	90	0	Branch always to		2				
5	3	3	Return to start		0				

Example2

In this example if you press **F** the program jumps

to line 5 (return to start). In effect, the program is aborted.

To program, press $\boxed{F8}$ followed by \boxed{F} .

Labe	Labelling Program No. 2							
line	code	sub code	Description	Attribute	Value			
1	60	0	PLU No		0			
2	3	1	Special Mode 1		0			
3	90	6	Branch if key x to	F	5			
4	90	0	Branch always to		2			
5	3	3	Return to start		0			

Branch if weight

Function	Code	Description	Attribute	Value
90	7	BRA. IF WEIGHT TO		

Attribute Value No entry line number (in labelling program)

Description

When the program encounters function code 90_7 in the labelling program, and a valid weight signal is received, it continues executing the program from the line number specified in the corresponding value column. This ensures that the action specified later in the program (e.g. Incr. Pagination 1) only takes place after labelling. If you press an undefined key the program jumps to line 4

Function code 90–7 will only be executed if labelling has taken place.

Example



Line 2 (function code 141–0) sets the start value for page/label numbering at 100. Line 8 (function code 145–1) increments the count by 10. Function code 145–1 is only executed if a label has been printed.

Labe	Labelling Program No. 2					
line	code	sub code	Description	Attribute	Value	
1	60	0	PLU No		0	
2	141	0	Pagination No. 1		100	
3	64	1	PAGINATION SINGLE		0	
4	3	1	Special Mode 1		0	
5	90	6	Branch if key x to	F1	10	
6	90	7	BRA. IF WEIGHT TO		8	
7	90	0	Branch always to		4	
8	145	1	Incr. Pagination 1		10	
9	90	0	Branch always to		4	
10	3	3	Return to start		0	

Country version

Function	Code	Description	Attribute	Value
91	0	Country Code		

Attribute No entry Value No entry

Description

Use the country code appropriate to the country specific data you want to include in the program. This data controls the way in which the machine displays comma or decimal point position, rounding, currency, weight symbols, screen texts etc.

The factory default setting is 91–6, 'GB kg with symbols'.

Example

Labe	Labelling Program No. 2							
line	code	sub code	Description	Attribute	Value			
1	60	0	PLU No		0			
2	91	6	GB kg with symbols		0			
3	3	0	STANDARD MODE		0			

Select labelling program

Function	Code	Description	Attribute	Value
95	0	Use Labelling Program. No.		

Attribute No entry Value Number of labelling program

Description

You can insert additional labelling programs, or part programs (function packages), within the main labelling program. This enables you to use a variety of labelling programs according to your work patterns.



If you enter 0 in the value column, the operator may enter the number of the labelling program.

Example

Labe	Labelling Program No. 2							
line	code	sub code	Description	Attribute	Value			
1	60	0	PLU No		0			
2	95	0	Use Labelling Program. No.		10			

Pack weighed signal

Function	Code	Description	Attribute	Value
97	1	'Pack weighed' on		
97	2	'Pack weighed' off		

Description

Attribute

Value

with the standard set–up for the machine, you hear a beep when the machine is ready for the next pack. If you want a screen display in addition enter function code 97–1 in the labelling program. If you do not want a beep tone use function code 97–2.



Beep tone and text display can be switched on or off individually.

Example

Labelling Program No. 2							
line	code	sub code	Description	Attribute	Value		
1	60	0	PLU No		0		
2	97	2	'Pack weighed' off	р	0		
3	97	1	'Pack weighed' on	f	0		
4	3	0	STANDARD MODE		0		

Sorting function

Function	Code	Description	Attribute	Value
102	0	Sort type no.	-	

Attribute Value

No entry or F 1, 2, 3, 4 (type of sorting) 0 = Sorting switched off

Use this function when you want to sort packs for labelling according to weight. The type of sorting defines which packs will be labelled normally, or labelled with a fixed weight or will not be labelled. If F is entered in the attribute column, the type of sorting entered in the value column can not be altered by the operator.



There are four default labelling programs already created, one for each type of sorting. For details of the four types of sorting and the labelling programs see Section 4, page 4-15.

Page numbering (variable)

Function	Code	Description	Attribute	Value
141	0	Pagination No. 1		
142	0	Pagination No. 2		
143	0	Pagination No. 3		
144	0	Pagination No. 4		

Value

Attribute No entry start value for page numbering

Use this function when you want to print consecutive numbers on labels. You can print up to a maximum of 4 numbers (function codes 141-0, 142-0, 143-0, 144-0) on the label provided that the appropriate fields have been set up in the label format. The type of page numbering is determined by the function codes (145-1/145/4 or 146-1/146-4) included in the labelling program.

You cannot use variable page numbering with the standard operating mode 3-0.

Use fixed page numbering (page 17–13). You must include function codes 64–1 or 64–2 in the labelling program to enable page numbering.



Type of page numbering

You can choose from two types of page numbering, addition or subtraction.

Addition	
145–1	in Pagination No. 1
145–2	in Pagination No. 2
145–3	in Pagination No. 3
145–4	in Pagination No. 4
Subtraction	
146–1	in Pagination No. 1
146–2	in Pagination No. 2
146–3	in Pagination No. 3
146–4	in Pagination No. 4

Specify the number to be added or subtracted in the value column.

Use additional function codes in the labelling program to determine how page numbering is to operate.

Refer to the function 'Branch if weight to' on page 17–25 and the examples for the next two function codes for labelling programs using page numbering.

Increment Pagination

Function	Code	Description	Attribute	Value
145	1	Incr. Pagination 1:+		
145	2	Incr. Pagination 2:+		
145	3	Incr. Pagination 3:+		
145	4	Incr. Pagination 4:+		

Attribute Value No entry number to be added

Use the function code that corresponds to the Pagination number defined in the program.



Example

Page numbering is incremented after a pack has been labelled or an undefined key is pressed.

Labelling Program No. 2					
line	code	sub code	Description	Attribute	Value
1	60	0	PLU No		0
2	141	0	Pagination No. 1		100
3	64	1	PAGINATION SINGLE		0
4	3	1	Special Mode 1		0
5	145	1	Incr. Pagination 1:+		10
6	90	6	Branch if key x to	F	8
7	90	0	Branch always to		4
8	3	3	Return to start		0



In line 4 (function code 3–1), if you press an undefined key, or after labelling, the program goes to the next line.

Decrement Pagination

Function	Code	Description	Attribute	Value
146	1	Decr. Pagination 1:-		
146	2	Decr. Pagination 2:-		
146	3	Decr. Pagination 3:-		
146	4	Decr. Pagination 4:-		

Attribute Value

No entry number to be subtracted

Use the function code that corresponds to the Pagination No. defined in the program.

Example

Page numbering is only initiated after a pack has been labelled.

Labelling Program No. 2						
line	code	sub code	Description	Attribute	Value	
1	60	0	PLU No		0	
2	141	0	Pagination No. 1		1000	
3	64	1	PAGINATION SINGLE		0	
4	3	1	Special Mode 1		0	

5	90	6	Branch if key x to	F	10
6	90	7	BRA. IF WEIGHT TO		8
7	90	0	Branch always to		4
8	146	1	Decr. Pagination 1:-		10
9	90	0	Branch always to		4
10	3	3	Return to start		0



The program jumps to line 4 (function code 3–1), if you press an undefined key.

Display operator information

Function	Code	Description	Attribute	Value
200	0	Operator info		
200	1	Operator info (3 sec)	-	

Attribute Value No entry Number of operator text

Description

This function enables you to display information for the operator on screen. These operator texts have been programmed by Avery Berkel and stored under a number which you may not change. You must enter the complete number in the value column; the main code must be before the decimal point and the sub code (2 digits) after the decimal point.



Use function code 200–0 if you want the system to wait for confirmation from the operator before continuing the label program. If you use function code 200–1 the operator information will clear automatically after 3 seconds and the program will continue.

Examples

900.02	
553.07	

Entry finished: **E** Enter PLU No./F1 to end

Labe	Labelling Program No. 2						
line	code	sub code	Description	Attribute	Value		
1	60	0	PLU No		0		
2	62	0	Unit price		0		

3	63	0	Tare	 0
4	200	0	Operator info	 900.02
5	3	0	STANDARD MODE	 0

Operator entered texts

	Function	Code	Description	Attribute	Value
[200	3	Operator entry		

Attribute	
Value	

No entry Field number in the label format

Description

Use this function if you want to be able to enter texts for labels during data entry before labelling begins. To enable this function, In the value column enter the number of the label field in which you want the operator entered text to appear. You must enter the complete number in the value column; the main code must be before the decimal point and the sub code (2 digits) after the decimal point.

You may use all label fields for operator entries. The texts will be printed as entered. Dates will not be calculated for date fields.

Function code 200–3 may be used more than once in a labelling program.

Operator entered texts apply to individual labels only.

Examples

100.01	Field 100.01 = PLU text first line
33.00	Field 33.00 = date 1

Example 1

Labe	Labelling Program No. 2							
line	code	sub code	Description	Attribute	Value			
1	60	0	PLU No		0			
2	200	3	Operator entry		100.01			
3	200	3	Operator entry		33.00			
4	3	0	STANDARD MODE		0			



Function code 200–3 **must** be listed in the labelling program **before** the function codes for data entries (see example 2).

Press



Operator texts are entered before labelling begins.

E or **Return** to confirm the entry.

If there is no operator entry the programmed text will be used for the label.

If a field is not available in the label format assigned to the PLU, operator entry will not be required.

Example 2

Labe	Labelling Program No. 2							
line	code	sub code	Description	Attribute	Value			
1	60	0	PLU No		0			
2	200	3	Operator entry		100.01			
3	62	0	Unit price		0			
4	63	0	Tare		0			
5	3	0	STANDARD MODE		0			

Fixed texts

Function	Code	Description	Attribute	Value
200	5	Fixed text switch		

Attribute Value

No entry

Number of the fixed text

Description

This function enables you to change the fixed text on the price label providing the relevant field exists in the label format. These texts are programmed under an identity number which you may not change.

The index number after the decimal point identifies the fixed text field on the label in which the text will be printed. The fixed texts listed below can only be used on standard price labels.

801.01	GRUNDPREIS – EINWAAGE – BETRAG
802.01	PRIX AU KG – POIDS NET – PRIX A PAYER
803.01	PRICE PER LB – WEIGHT – PACK PRICE
804.01	PRIJS/KG – GEWICHT – PRIJS
805.01	PRECIO – PESO NETO – IMPORTE
806.01	PREZZO/KG – PESO NETTO – IMPORTO

807.01	KG–PRIS – VÆGT – SALGSPRIS
808.01	MK/KG – KG – MK
809.01	PRICE PER KG – WEIGHT – PACK PRICE
810.01	TARA/KG – PREZZO – PESO NETTO
	– IMPORTO

Example

The standard price label format requires a single, long line for the fixed text to fit within the text field. If you use one of the fixed texts in the list the label should print satisfactorily. Enter the identity number for the text you want in the labelling program.

Labelling Program No. 2							
line	code	sub code	Description	Attribute	Value		
1	60	0	PLU No		0		
2	200	5	Fixed text switch		809.01		
3	3	0	STANDARD MODE		0		

Label extensions (beginning and end)

Function	Code	Description	Attribute	Value
205	0	Label extension (beginning)		
206	0	Label extension (end)		

Attribute Value No entry length of extension in 0.1mm increments

Description

The label format determines the size of the label and the print layout. You can use these function codes to extend the label by a non printable area, while maintaining the existing layout. You can also use these functions to accommodate special labels with a pre-printed area at the beginning or end of the label or both.





The length of the label format and the label extension must match the length of the transported label in order for the label feed to work correctly.

Example

Labelling Program No. 2						
line	code	sub code	Description	Attribute	Value	
1	60	0	PLU No		0	
2	205	0	Label extension (beginning)		60.00	
2	206	0	Label extension (end)		60.00	
4	3	0	STANDARD MODE		0	

PLU numbers with operator notes

Function	Code	Description	Attribute	Value
200	10	Operator note (Article)		

AttributeNo entryValue990.00

Description

Use this function if you want to be able to enter notes to be stored under PLU/customer numbers. To display the operator note function code 200–10, value 900.00, must be entered in the labelling program

Press **E** to clear the message from the screen.

Operator entered texts apply to individual labels only.

Example

Labelling Program No. 2								
line	code	sub code	Description	Attribute	Value			
1	60	0	PLU No		0			
2	200	10	Operator note (Article)		900.00			
4	3	0	STANDARD MODE		0			

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