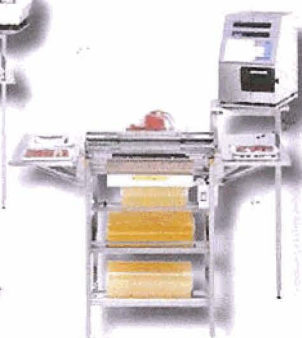




Step-Saver® with
Model 8450 Controller



Step-Saver® with
Model 355 Controller



Step-Saver® with
Model 8461 Controller



Step-Saver® with
Model UC-ST Controller



Step-Saver® with
Model 8361 Controller
and 317 Printer

Controller Specifications

Controller	8450	355	8461	UC-ST	8361
Keyboard	Tactile	Tactile	Touchscreen	Touchscreen	Touchscreen
Programmable Presets	48 Keys	48 Keys	350	350	1400
COOL Capability	No	No	Yes	Yes	Yes
NutriFacts/Safe-Handling	Yes	Yes	Yes	Yes	Yes
Display	Vacuum Florescent	Vacuum Florescent	LCD	LCD	LCD
Operating Range	32°F to 104°F 0°C to 40°C	32°F to 104°F 0°C to 40°C	41°F to 104°F 5°C to 40°C	41°F to 104°F 5°C to 40°C	41°F to 104°F 5°C to 40°C
Label Capacity	Standard	High Capacity	Standard	Standard	High Capacity
Label Sizes	1 to 7.9 in long and 1.6 (40mm) to 3.4 in (86mm) wide				
Controller Construction	Die cast aluminum base, plastic case	Stainless steel enclosure	Die cast aluminum base, plastic case	Die cast aluminum	Die cast aluminum base, plastic case

StepSaver® Specifications

Film Capacity	Three Rolls up to 20 in / 50.8 cm wide
Power	115 VAC, 60 Hz, 625 watts (excluding scale and printer)
Step-Saver® Construction	Stainless Steel
Scale Capacity	50 x .01 lb or 20 x .005 kg
Options	Stainless steel 12 x 24 in platter shelf (left-right), label dispenser rack

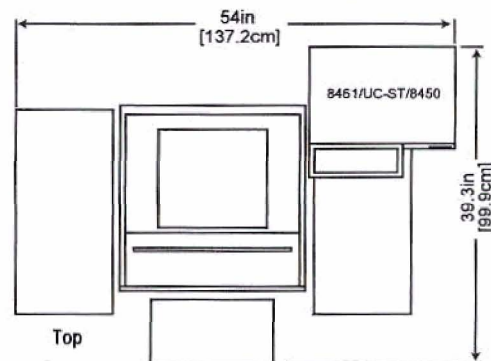
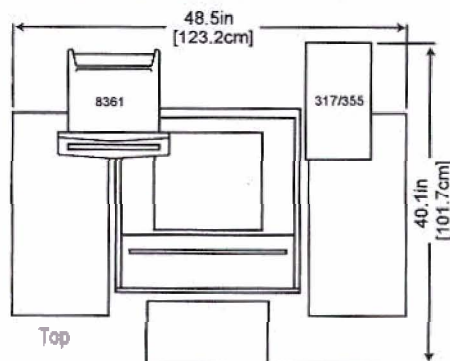
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Manufactured in a facility that is ISO9001 certified.



1

General Description

The Mettler Toledo Model 662 Step-Saver Wrap Station is designed to increase wrapping and weighing production by integrating the scale into the wrap station as one unit. Features include a low temp film cutoff rod, flip away film selectors, arborless film supports and Teflon covered sealing plate; Various shelves and brackets are available for custom configurations.

The model 662 Step-Saver is designed in two versions. The 662-0200 will accept two rolls of film from 12" to 20" wide. The 662-0300 will accept three rolls of film from 12" to 20" wide.



Model 662-0300 Capacity: 3 rolls of film

Load three rolls of film onto the arborless film cradles. Any size film width from 12" to 20" may be used on the Model 662 Step-Saver. It is recommended that the small roll of film be placed on the bottom cradle, the medium roll on the middle cradle, and the large roll on the top cradle.

Before placing the roll of film on its cradle, orient the Film Roll so that the end of the film will hang down between the cradle rollers, and the film will dispense from the top of the roll towards the front of the Model 662 Step-Saver. (Refer to the Film Threading Diagram, Figure 5-4)

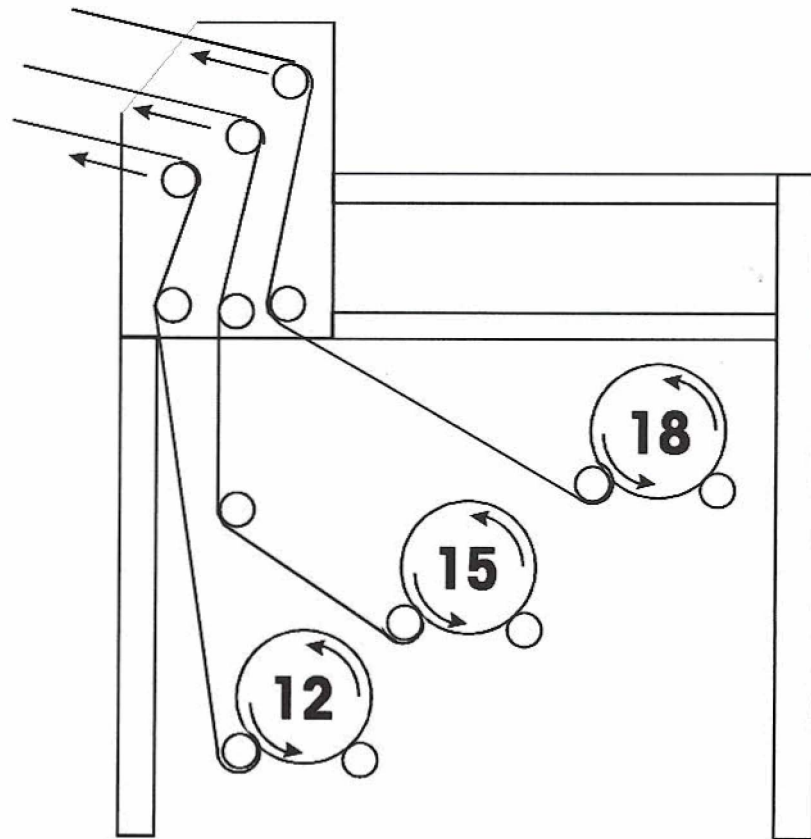


Figure 5-4: Film Threading Diagram - 3 Rolls of Film

Center the film rolls on their respective rollers. Position the Film Roll Retaining Grommets approximately 1/4" away from the ends of the film roll. (Refer to Figure 5-2)

Thread the film through the film rollers and into the Film Selector as shown in the Film Threading Diagram. (Figure 5-4)

Tear or cut the film straight across, and fold the end of the film neatly over the Film Leaf. (Figure 5-3)

1. SPECIFICATIONS

1.1 GENERAL DESCRIPTION

The 8422 and 8423 are components in system using a centralized file server (the master) connected to satellites through a wired network. The Mettler Toledo Master/Satellite system offers centralized price control for all the scales in a store. Both 8422 and 8423 are available as either a satellite or a master version. The Model 8422 (Figure 1.1) contains a built-in load cell for weight input, and is designed to be connected to the Mettler Toledo 325 Printer. The Model 8423 (Figure 1.2) uses the Mettler Toledo Model 8213-0101 Remote Scale Base for weight data input, and is designed to be connected to the Mettler Toledo 325 or 315 Thermal Printers. The Model 8423 can be installed in an automatic labeling system or a step-saver configuration.

Master units are satellites with the addition of a Master Memory PCB and a Connector PCB. The Master Memory PCB contains a standard 512k of RAM. An additional Memory Expansion Kit can expand the memory 1 meg for a total of 1.5 meg of RAM. Communication between the internal Master Memory PCB and the Satellite Logic PCB is through the TNET. The *TNET* is the wired network that connects all of the satellites to the Master Memory PCB. The master stores the PLU and Extra Text information and accumulates totals for all of the scales. The Master Memory PCB uses the internal satellite Logic PCB and 63 Character Display as a means to display information on the satellite while programming. All programming for the master is accomplished using an optional programming PC-Type keyboard. The master can be connected to a host computer either directly or remote using a modem allowing further centralized file control for multiple stores. A printer can be connected to the Master for report printing using the built-in RS232 printer port.

Up to 24 satellites can be connected to a single master. The Logic PCB (the satellite) controls all of the scale and label printer functions. The satellites access records in the master through the TNET, a high speed 345k baud two-wire RS485 network. The maximum total cable length for the TNET is 1500 feet. The satellites do not store any PLU or Extra Text records locally except for up to 200 backup records in case the master goes off line. A small amount of RAM memory on the satellite Logic PCB allows local storage of Action Messages, Grades, Department Name and UPC Code, and a two line Store Address. Starting at 2:00 AM, each satellite will request updated backup data from the master automatically.

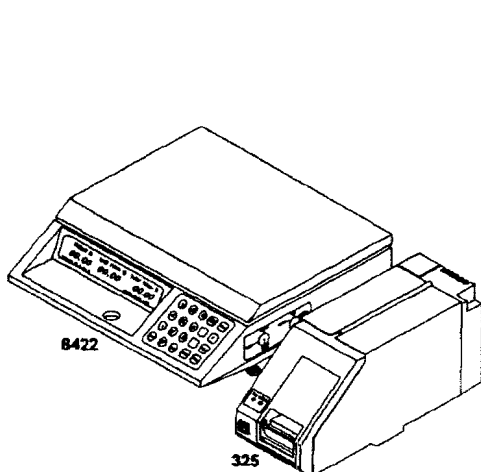


Figure 1.1 8422 With 325 Printer

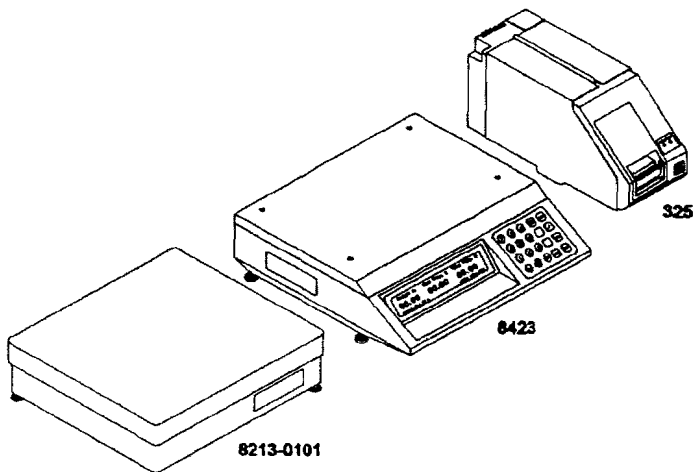


Figure 1.2 8423 W/8213 and 325 Printer

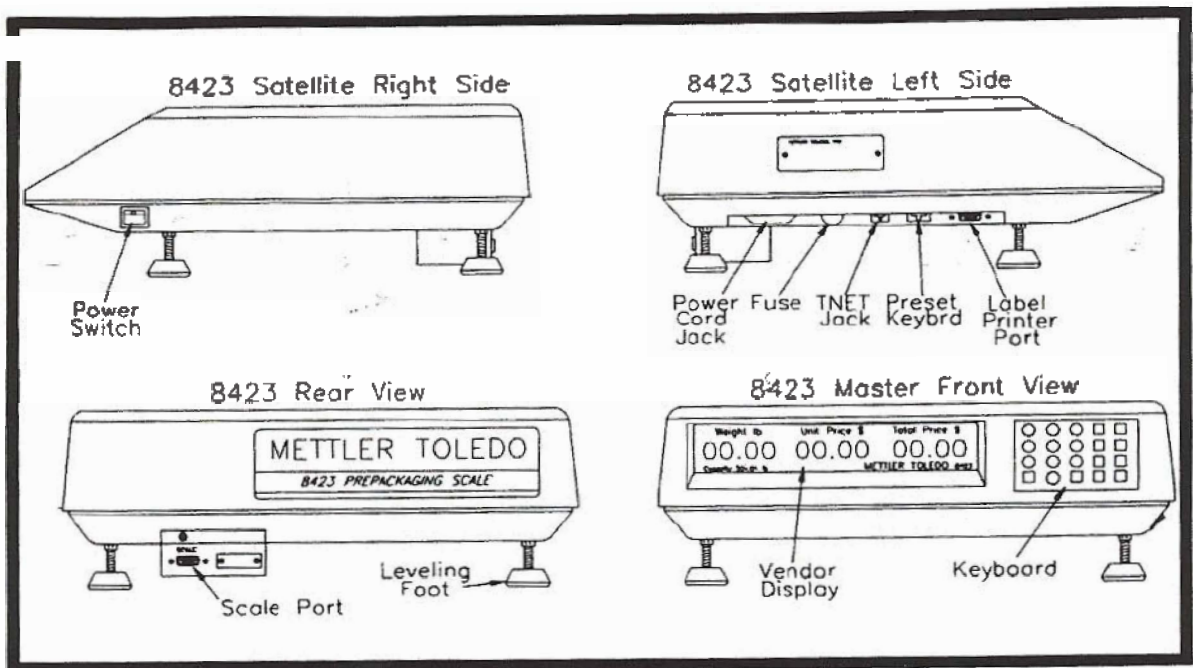


Figure 1.5 8423 Satellite

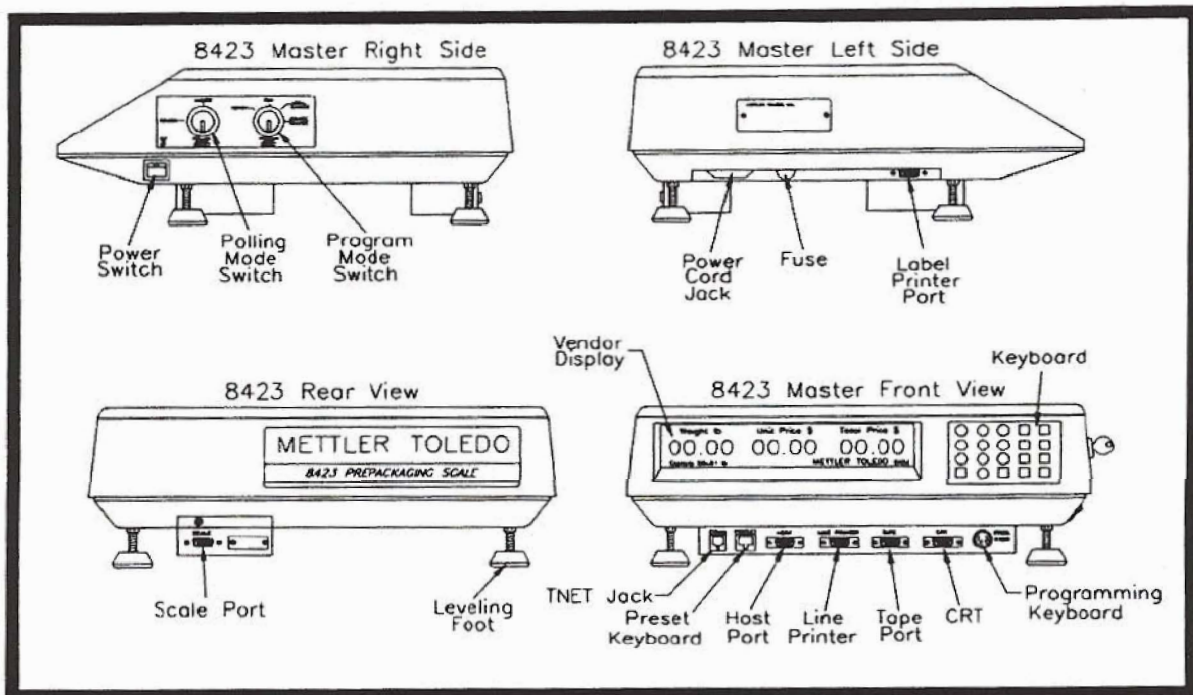


Figure 1.6 8423 Master