
Truck/Vehicle Scales

METTLER TOLEDO - Industrial Truck/Vehicle Scales

										
Model	7461	7460	7431KA	7531	7541	7560	7560 MTX	7562	7563	7566
Application	COMMERCIAL	COMMERCIAL	COMMERCIAL	APPLIED	APPLIED	APPLIED	APPLIED	APPLIED	APPLIED	APPLIED
Deck	Orthotropic Steel	Concrete	Concrete Above Ground	Concrete Above Ground	Concrete Deck Pit	Concrete	Concrete	Orthotropic Steel	Orthotropic Steel	Orthotropic Steel
Material type	ASTM A-36	ASTM A-36	ASTM A-36	ASTM A-36	ASTM A-36	ASTM A-36 or higher	ASTM A-36 or higher	ASTM A-36	ASTM A-36	ASTM A-36
Capacity	70,000 lb (≤20'), 120,000 lb (>20' and <60'), 200,000 lb (≥60')	70,000 lb (≤17.5'), 120,000 lb (>17.5' and <60'), 200,000 lb (≥60')	70,000 lb (≤25'), 120,000 lb (>25' and <55'), 200,000 lb (≥55')	70,000 lb (≤25'), 120,000 lb (>25' and <55'), 200,000 lb (≥55')	70,000 lb (≤25'), 120,000 lb (>25' and <60'), 200,000 lb (≥60')	70,000 lb (≤17.5'), 120,000 lb (>17.5' and <60'), 200,000 lb (≥60')	70,000 lb (≤17.5'), 120,000 lb (>17.5' and <60'), 200,000 lb (≥60')	120,000 lb (<23'-4' and ≤4 load cell), 200,000 lb (<23'-4' or >4 load cell)	120,000 lb (≤20'), 200,000 lb (>20'), Side-by-side capacity: 200,000 lb (<20'), 400,000 lb (>20')	190,000 lb (≤15'), 300,000 lb (>15'), Side-by-side capacity: 350,000 lb (≤15'), 500,000 lb (>15')
Concentrated load capacities (CLC)	60,000 lb	60,000 lb	60,000 lb	60,000 lb	60,000 lb	60,000 lb	60,000 lb	80,000 lb	80,000 lb Side by side capacity: 160,000 lb	130,000 lb Side-by-side CLC: 250,000 lb
Tandem axle rating	—	—	45,000 lb	45,000 lb	45,000 lb	—	—	—	—	—
Profile	16" (1/4" Shims Nominal) or 18 1/4" DiaTOL	11 1/2" (1/4" Shims Nominal)	17 1/2" (1/4" Shims Nominal)	19 1/2" (1/4" Shims Nominal)	38" (1/4" Shims)	11 1/2" (1/4" Shims Nominal)	11 1/2" (1/4" Shims Nominal)	14 1/2" (1/4" Shims Nominal)	17" (1/4" Shims Nominal)	29 7/8" (1/4" Shims Nominal)
Side by side design trucks	—	—	—	—	—	—	—	—	Cat 773, Euclid R50	Cat 777, Euclid R90, Komatsu 330M
Load cell	0782 Analog (30t)	0782 Analog (30t)	0782 Analog (30t)	POWERCELL (22.5t)	POWERCELL (22.5t)	POWERCELL (22.5t)	MTX (25t)	MTX (45t)	MTX (45t)	MTX (45t)
Module lengths	17 1/2' and 20'	15' and 17'-5"	10', 12', 20' or 25' (25' for end modules only)	10', 12', 20' or 25' (25' for end modules only)	10', 12', 20' or 25'	15' and 17'-6"	15' and 17'-6"	15', 17'-6", 20', and 23'	15', 17'-6" and 20'	15', 17'-6" and 20'
Scale widths	9'-10" - 11'	10 or 11'	10' or 11'	10' or 11'	10'	10' and 11'	10' and 11'	10' and 11'	9'-9 1/2", 9'-11", 10', 11', 14' and 20'	11'-10", 19'-9"
Scale lengths	17.5' to 140'	17'-5" to 122.5'	10' to 120'	10' to 120'	10' to 120'	10' to 122.5'	10' to 122.5'	15' to 140'	15' to 140'	15' to 120'
Main beam	—	—	W21 x 50 lb/ft	W21 x 50 lb/ft	W21 x 50 lb/ft	—	—	—	—	—
Cross beams	—	—	W8 x 24 lb/ft.	W8 x 24 lb/ft.	W12 x 19 lb/ft., C6 x 8.2 lb/ft.	—	—	—	—	—
Concrete thickness	—	—	8"	8"	6"	—	—	—	—	—
Number of cross beams	—	—	4 (25' modules), 3 (20' modules)	4 (25' modules), 3 (20' modules)	5 (25' modules), 4 (20' modules)	—	—	—	—	—
Module concrete	—	—	11' wide modules: 20' – 5.5 cubic yd., 25' – 8.5 cubic yd.	11' wide modules: 20' – 5.5 cubic yd., 25' – 8.5 cubic yd.	20' – 4 cubic yd., 25' – 5 cubic yd.	11' wide modules: 15' – 4 cubic yd., 17.5' – 5 cubic yd.	11' wide modules: 15' – 4 cubic yd., 17.5' – 5 cubic yd.	—	—	—
Module rebar	—	—	11' wide modules: 20' – 840 lb., 25' – 1140 lb.	11' wide modules: 20' – 840 lb., 25' – 1140 lb.	20' – 635 lb., 25' – 800 lb.	—	—	—	—	—
Module corrugated	—	—	11' wide modules: 20' – 230 sq. ft., 25' – 288 sq. ft.	11' wide modules: 20' – 230 sq. ft., 25' – 288 sq. ft.	20' – 200 sq. ft., 25' – 250 sq. ft.	—	—	—	—	—
Foundation types	Variable footer and pit	Variable footer, beam slab, pit	Variable footer or beam slab	Variable footer or beam slab	Pit	Variable footer, beam slab, pit	Variable footer, beam slab, pit	Variable footer, beam slab, pit	Variable footer, beam slab, pit	Variable footer, beam slab
Under scale clearance	4.5"	3"	9"	11"	—	3"	3"	3"	3"	14"
eMin	20 lb	20 lb	20 lb	20 lb	20 lb	20 lb	20 lb	20 lb	20 lb	20 lb
Approvals	NTEP CoC #01-070, Temperature Code: T4	NTEP CoC #03-025, Temperature Code: T4	NTEP CoC # 03-024, Temperature Code: T4	NTEP CoC # 92-204A2, Hazardous Area Protection Class I, II, & III, Division 1 & 2; Groups C, D, E, F & G; Canadian Class Approval AM-4900 Temperature Code: T4	NTEP CoC #92-046A3, Hazardous Area Protection Class I, II, & III, Division 1 & 2; Groups C, D, E, F & G; Canadian Class Approval AM-4900 Temperature Code: T4	NTEP CoC # 88-243A4, Hazardous Area Protection Class I, II, & III, Division 1 & 2; Groups C, D, E, F & G; Canadian Class Approval SWA-4194 Temperature Code: T4	NTEP CoC #88-243, Hazardous Area Protection Class I, II, & III, Division 1 & 2; Groups C, D, E, F, & G; Canadian Class Approval SWA-4194 Temperature Code: T4	NTEP CoC #93-108A2, Hazardous Area Protection Class I, II, & III, Division 1 & 2; Groups C, D, E, F, & G; Canadian Class Approval AM-4900 Temperature Code: T4	NTEP CoC #96-092A2, Hazardous Area Protection Class I, II, & III, Division 1 & 2; Groups C, D, E, F, & G; Canadian Class Approval AM-4900 Temperature Code: T4	NTEP Approval CoC #00-077A2 Hazardous Area Protection Class I, II, & III, Division 1 & 2; Groups C, D, E, F & G; Canadian Class Approval AM-4900 Temperature Code: T4
Operating temperature	-10° C to 45° C (14° F to 113° F); 10 to 95% humidity, non-condensing									
OPTIONS										
Hazardous protection				✓	✓	✓	✓	✓	✓	✓
Lightning protection	✓	✓	✓	✓		✓	✓		✓	✓
Two stage lightning protection	✓	✓	✓							
Extended lightning protection	✓	✓	✓							
Manhole	✓	✓			✓	✓	✓	✓	✓	
3" Riser/base plate	✓	✓				✓	✓	✓	✓	
6" Riser/base plate	✓	✓				✓	✓	✓	✓	✓
12" Width			✓	✓		✓	✓			
14" Width	✓	✓	✓	✓		✓	✓			
9' - 10' Width		✓				✓	✓	✓	✓	✓
Side rail kit for 15' modules		✓				✓	✓	✓		
Side rail kit for 17.5' modules	✓	✓				✓	✓	✓	✓	
Side rail kit for 20' modules	✓							✓	✓	
Side rail kit for 23' modules								✓		
Home run cable	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Anchor bolts (3/4")	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Locating tool	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Temporary frame	✓							✓		
Scoreboard	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Roll pin	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Shorten scale	✓	✓				✓	✓	✓	✓	
11' width adder					✓					
AVAILABLE INSTRUMENTATION										
JAGXTREME	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
LYNX			✓							
COUGAR				✓	✓	✓	✓	✓	✓	✓
IND310	✓	✓	✓			✓	✓	✓	✓	✓

Truck/Vehicle Scales

7461 TRUCKMATE®

ORTHOTROPIC STEEL DECK SCALE

The METTLER TOLEDO 7461 orthotropic steel deck truck scale is an orthotropic structure that provides high torsional rigidity and is constructed with advanced manufacturing techniques. Models are available to match individual customer use patterns (cycles per day, size of vehicles, etc.). The orthotropic design provides better distribution of concentrated loads than open rib deck structures. An orthotropic deck easily handles torsional forces generated by a fully loaded truck that moves laterally and stops off center, typical of a truck that moves onto a scale.



7461

Applications

- General use
- Legal compliance
- Point of sale

Standard Features

- Five (5) year warranty
- 60,000 lb. (30.0 t) 0782 analog load cell, 1000 ohm
- Base plates, installation KOP, and anchor bolts
- Lightning protection (optional)

Specifications

Approvals:

NTEP CoC #01-070, Temperature Code: T4

Operating temperature:

-10° C to 45° C (14° F to 113° F); 10 to 95% humidity, non-condensing

Material type:

ASTM A-36

Capacity:

70,000 lb ($\leq 20'$), 120,000 lb ($> 20'$ and $< 60'$), 200,000 lb ($\geq 60'$)

CLC:

60,000 lb

Profile:

16" (1/4" Shims Nominal) or 18 1/4" DigiTOL

Module lengths:

17'-6" to 20'

Scale widths:

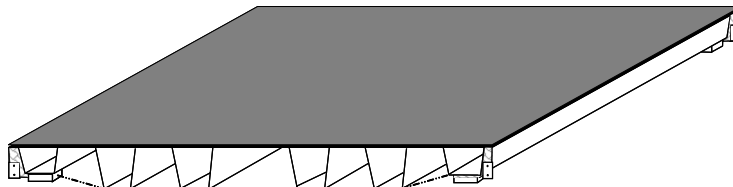
9'-10" and 11'

Scale lengths:

17'-6" to 140'

eMin:

20 lb



7461 Model Configuration

7461 XX XX XX - X				
Wiring	Length (ft.) ⁽¹⁾	Width (ft.) ⁽¹⁾	Revisions Level	Option Entry
RD	17.5 - (17)	11 - (11) or 9' - 10" (ww)	—	— (None)
	20 - (20)	11 - (11) or 9' - 10" (ww)		1 (2 manholes)
	35 - (35)	11 - (11) or 9' - 10" (ww)		3 (1 manhole)
	40 - (40)	11 - (11) or 9' - 10" (ww)		S (side rail brackets)
	52.5 - (52)	11 - (11) or 9' - 10" (ww)		
	60 - (60)	11 - (11) or 9' - 10" (ww)		
	70 - (70)	11 - (11) or 9' - 10" (ww)		
	80 - (80)	11 - (11) or 9' - 10" (ww)		
	90 - (90)	11 - (11) or 9' - 10" (ww)		
	100 - (01)	11 - (11) or 9' - 10" (ww)		

⁽¹⁾ Nominal length and width. Contact METTLER TOLEDO for dimensional reference drawing for exact specifications.

7461 TRUCKMATE

Entry	Wiring	Size (ft./in.)	Load Cells	Modules	Shipping Weight (lb)	Options
RD	Standard Wiring, 30t 0782 Analog Load Cell H44 10,000d	17.5' x 9'-10"	4	1	5475 lb	None
		17.5' x 11'			5750 lb	
		20' x 9'-10"	4	1	6240 lb	2 Manholes
		20' x 11'			6550 lb	(First & Term)
		35' x 9'-10"	6	2	10,150 lb	1 Manhole
		35' x 11'			10,700 lb	(First Module)
		40' x 9'-10"	6	2	12,280 lb	Side Rail Brackets
		40' x 11'			12,900 lb	
		52.5' x 9'-10"	8	3	15,925 lb	
		52.5' x 11'			16,750 lb	
		60' x 9'-10"	8	3	17,920 lb	
		60' x 11'			18,850 lb	
		70' x 9'-10"	10	4	23,660 lb	
		70' x 11'			24,900 lb	
		80' x 9'-10"	10	4	26,840 lb	
		80' x 11'			28,250 lb	
		90' x 9'-10"	12	5	29,500 lb	
		90' x 11'			31,050 lb	
		100' x 9'-10"	12	5	35,340 lb	
		100' x 11'			37,200 lb	

7461 Options

Order Number	Description
TB100749-1	Lightning Protection Kit (for purchase with new 7461 scale)
*	Riser/Base Plate 3" Riser/Base Plate
*	Riser/Base Plate 6" Riser/Base Plate
TC204907-17	Side Rail Kit for 17.5' Module
TC204907-20	Side Rail Kit for 20' Module

* Order number determined at time of order.

Truck/Vehicle Scales

7460 TRUCKMATE®

CONCRETE DECK SCALE

The METTLER TOLEDO 7460 TRUCKMATE concrete deck truck scale utilizes a composite steel and concrete deck. The 7460 comes with all of the features you have come to expect from METTLER TOLEDO. There are also a number of standard options that allow the scale to be configured to exactly meet the intended application.



7460

Applications

- General use
- Legal compliance
- Point of sale

Standard Features

- Five (5) year warranty
- 60,000 lb. (30.0 t) 0782 analog load cell 1000 ohm
- Base plates, installation KOP, and anchor bolts
- Lightning protection kit (optional)

Specifications

Approvals:

NTEP CoC #03-025, Temperature Code: T4

Operating temperature:

-10° C to 45° C (14° F to 113° F); 10 to 95% humidity, non-condensing

Material type:

ASTM A-36

Capacity:

70,000 lb ($\leq 17.5'$), 120,000 lb ($> 17.5'$ and $< 60'$), 200,000 lb ($\geq 60'$)

CLC:

60,000 lb

Profile:

16" (1/4" shims nominal)

Module lengths:

15' and 17.5'

Scale widths:

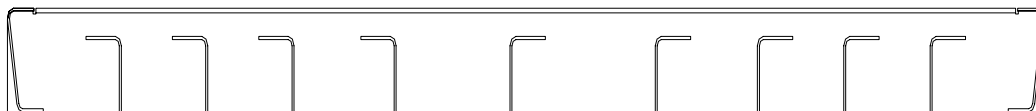
10 or 11'

Scale lengths:

17.5' to 122.5'

eMin:

20 lb



7460 Model Configuration

7460 RA XX XX X X				
Wiring	Length (ft.) ⁽¹⁾	Width (ft.) ⁽¹⁾	Revisions Level	Option Entry
RA	17.5 - (17)	11 - (11) or 10'	D	— (None)
	35 - (35)	11 - (11) or 10'		1 (2 manholes)
	52.5 - (52)	11 - (11) or 10'		3 (1 manhole)
	60 - (60)	11 - (11) or 10'		S (side rail brackets)
	70 - (70)	11 - (11) or 10'		
	80 - (80)	11 - (11) or 10'		
	87.5 - (87)	11 - (11) or 10'		
	100 - (01)	11 - (11) or 10'		
	105 - (05)	11 - (11) or 10'		
	122.5 - (22)	11 - (11) or 10'		

⁽¹⁾ Nominal length and width. Contact METTLER TOLEDO for dimensional reference drawing for exact specifications.

7460 TRUCKMATE

Entry	Wiring	Size (ft.)	Load Cells	Modules	Shipping Weight (lb)	Options
RA	Standard Wiring, 30t 0782 Analog Load Cell H44 10,000d	17.5' x 10' 17.5' x 11'	4	1	2300 lb	None
		35' x 10' 35' x 11'	6	2	7500 lb	2 Manholes (First & Term)
		52.5' x 10' 52.5' x 11'	8	3	11,000 lb	1 Manhole (First Module)
		60' x 10' 60' x 11'	10	4	12,600 lb	Side Rail Brackets
		70' x 10' 70' x 11'	10	4	14,600 lb	
		80' x 10' 80' x 11'	12	5	16,800 lb	
		87.5' x 10' 87.5' x 11'	12	5	18,200 lb	
		100' x 10' 100' x 11'	14	6	20,900 lb	
		105' x 10' 105' x 11'	14	6	21,700 lb	
		122.5' x 10' 122.5' x 11'	16	7	25,300 lb	

7460 Options

Order Number	Description
TB100749-1	Lightning Protection Kit (for purchase with new 7460 scale)
*	Riser/Base Plate 3" Riser/Base Plate
*	Riser/Base Plate 6" Riser/Base Plate
*	9' – 10' Width
TC204907-15	Side Rail Kit for 15' Modules
TC204907-17	Side Rail Kit for 17.5' Modules

* Order number determined at time of order.

Truck/Vehicle Scales

7431KA TRUCKMASTER[®]



CONCRETE DECK ABOVE GROUND SCALE

The METTLER TOLEDO 7431KA concrete deck above ground truck scale is designed for commercial duty applications.

Each scale comes equipped with integral side rails.

The 7431KA is equipped with all of the features required for most standard vehicle weighing applications. Many of the product features can be upgraded to provide the exact performance characteristics that are required.



7431 KA

Applications

- General use
- Legal compliance
- Point of sale
- Agricultural
- Grain receiver

Standard Features

- Five (5) year warranty
- 60,000 lb (30.0 t) 0782 analog load cell 1000 ohm
- Concrete deck
- Bolt-together weigh bridge module(s)
- Stainless steel sheathed cable and j-box(es)
- Base plates, installation KOP, and anchor bolts
- Lightning protection kit (optional)

Specifications

Approvals:

NTEP CoC # 03-024, Temperature Code: T4

Operating temperature:

-10° C to 45° C (14° F to 113° F); 10 to 95% humidity, non-condensing

Main beam:

W21 x 50 lb/ft

Cross beam:

W8 x 24 lb/ft.

Concrete thickness:

8"

Module concrete 11' wide modules:

20' – 5.5 cubic yd., 25' – 8.5 cubic yd.

Module rebar 11' wide modules:

20' – 840 lb., 25' – 1140 lb.

Module corrugated 11' wide modules:

20' – 230 square ft., 25' – 288 square ft.

Number of cross beams:

4 (25' modules), 3 (20' modules)

Material type:

ASTM A-36

Capacity:

70,000 lb ($\leq 25'$), 120,000 lb ($> 25'$ and $< 55'$), 200,000 lb ($\geq 55'$)

CLC:

60,000 lb

Profile:

17.5" (1/4" Shims Nominal)

Module lengths:

10', 12', 20' or 25' (25' for end modules only)

Scale widths:

10' or 11'

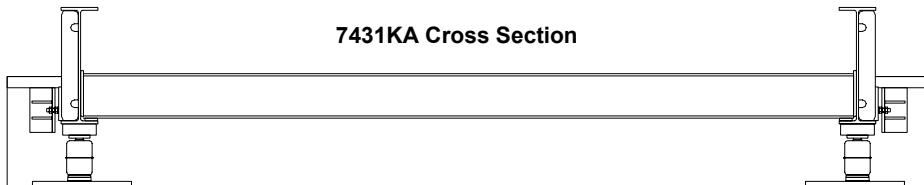
Scale lengths:

10' to 120'

eMin:

20 lb

7431KA Cross Section



7431 Model Configuration

7431 KA XX XX X X				
Wiring	Length (ft.) ⁽¹⁾	Width (ft.) ⁽¹⁾	Revisions Level	Option Entry
KA	10'	10' or 11'	A	R (standard finish)
	12'	10' or 11'		G (galvanized)
	20'	10' or 11'		
	25'	10' or 11'		
	40'	10' or 11'		
	50'	10' or 11'		
	60'	10' or 11'		
	70'	10' or 11'		
	80'	10' or 11'		
	90'	10' or 11'		
	100'	10' or 11'		
	110'	10' or 11'		
	120'	10' or 11'		

⁽¹⁾ Nominal length and width. Contact METTLER TOLEDO for dimensional reference drawing for exact specifications.

7431 TRUCKMASTER

Entry	Wiring	Size (ft./in.)	Load Cells	Modules	Shipping Weight (lb)	Options
KA	Standard Wiring, 30t 0782 Analog Load Cell H44 10,000d	10' x 10'	4	1	3000 lb	Standard Finish
		10' x 11'			3100 lb	
		12' x 10'	4	1	3200 lb	Galvanized
		12' x 11'			3300 lb	
		20' x 10'	4	1	4200 lb	
		20' x 11'			4300 lb	
		25' x 10'	4	1	4900 lb	
		25' x 11'			5000 lb	
		40' x 10'	6	2	7800 lb	
		40' x 11'			8000 lb	
		50' x 10'	6	2	9200 lb	
		50' x 11'			9400 lb	
		60' x 10'	8	3	11,400 lb	
		60' x 11'			11,700 lb	
		70' x 10'	8	3	12,800 lb	
		70' x 11'			13,100 lb	
		80' x 10'	10	4	14,900 lb	
		80' x 11'			15,300 lb	
		90' x 10'	10	4	16,300 lb	
		90' x 11'			16,700 lb	
		100' x 10'	12	5	18,500 lb	
		100' x 11'			19,000 lb	
		110' x 10'	12	5	19,900 lb	
		110' x 11'			20,400 lb	
		120' x 10'	14	6	22,100 lb	
		120' x 11'			22,700 lb	

7431 Options

Order Number	Description
TB100749-1	Lightning protection kit for purchase (with new 7431KA scale)
*	12' Width
*	14' Width (reduces tandem axle rating to 40,000 lb)

* Order number determined at time of order.

Truck/Vehicle Scales

7531 TRUCKMASTER®

CONCRETE DECK ABOVE GROUND SCALE

The METTLER TOLEDO 7531 concrete deck above ground truck scale is designed for commercial duty applications.

Each scale comes equipped with integral side rails.

The 7531 is equipped with all of the features required for most standard vehicle weighing applications. Many of the product features can be upgraded to provide the exact performance characteristics that are required.



7531

Applications

- General use
- Legal compliance
- Point of sale
- Agricultural
- Grain receiver

Standard Features

- Five (5) Year No Risk Guarantee with StrikeShield™
- 50,000 lb (22.5 t) POWERCELL® load cell
- Concrete deck
- Bolt-together weigh bridge module(s)
- Stainless steel sheathed cable and j-box(es)
- Base plates, installation KOP, and anchor bolts

Specifications

Approvals:

NTEP CoC # 92-204A2, Hazardous Area Protection Class I, II, & III; Division 1 & 2; Groups C, D, E, F & G; Canadian Class Approval AM-4900
Temperature Code: T4

Operating temperature:

-10° C to 45° C (14° F to 113° F); 10 to 95% humidity, non-condensing

Main beam:

W21 x 50 lb/ft

Cross beam:

W8 x 24 lb/ft.

Concrete thickness:

8"

Module concrete 11' wide modules:

20' – 5.5 cubic yd., 25' – 8.5 cubic yd.

Module rebar 11' wide modules:

20' – 840 lb., 25' – 1140 lb.

Module corrugated 11' wide modules:

20' – 230 square ft., 25' – 288 square ft.

Number of cross beams:

4 (25' modules), 3 (20' modules)

Material type:

ASTM A-36

Capacity:

70,000 lb (≤25'), 120,000 lb (>25' and <55'), 200,000 lb (≥55')

CLC:

60,000 lb

Profile:

19 1/2" (1/4" Shims Nominal)

Module lengths:

10', 12', 20' or 25' (25' for end modules only)

Scale widths:

10' or 11'

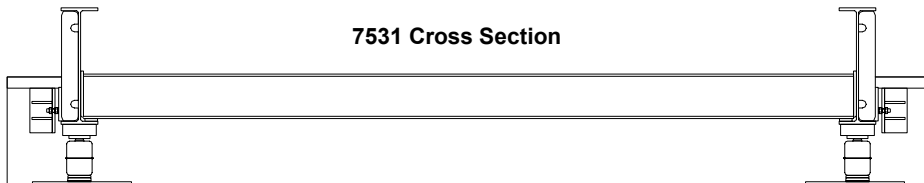
Scale lengths:

10' to 120'

eMin:

20 lb

7531 Cross Section



7531 Model Configuration

7531 XX XX XX B X				
Wiring	Length (ft.) ⁽¹⁾	Width (ft.) ⁽¹⁾	Revisions Level	Option Entry
KD	10'	10' or 11'	B	R (standard finish)
	12'	10' or 11'		G (galvanized)
KH	20'	10' or 11'		
	25'	10' or 11'		
	40'	10' or 11'		
	50'	10' or 11'		
	60'	10' or 11'		
	70'	10' or 11'		
	80'	10' or 11'		
	90'	10' or 11'		
	100'	10' or 11'		
	110'	10' or 11'		
	120'	10' or 11'		

⁽¹⁾ Nominal length and width. Contact METTLER TOLEDO for dimensional reference drawing for exact specifications.

7531 TRUCKMASTER

Entry	Wiring	Size (ft./in.)	Load Cells	Modules	Shipping Weight (lb)	Options
KD	Standard Wiring, 22.5t POWERCELL Load Cell H44 10,000d	10' x 10'	4	1	3000 lb	Standard Finish
		10' x 11'			3100 lb	
KH*	Hazardous	12' x 10'	4	1	3200 lb	Galvanized
		12' x 11'			3300 lb	
		20' x 10'	4	1	4200 lb	
		20' x 11'			4300 lb	
		25' x 10'	4	1	4900 lb	
		25' x 11'			5000 lb	
		40' x 10'	6	2	7800 lb	
		40' x 11'			8000 lb	
		50' x 10'	6	2	9200 lb	
		50' x 11'			9400 lb	
		60' x 10' ¹	8	3	11,400 lb	
		60' x 11' ¹			11,700 lb	
		70' x 10' ¹	8	3	12,800 lb	
		70' x 11' ¹			13,100 lb	
		80' x 10' ¹	10	4	14,900 lb	
		80' x 11' ¹			15,300 lb	
		90' x 10' ¹	10	4	16,300 lb	
		90' x 11' ¹			16,700 lb	
		100' x 10' ¹	12	5	18,500 lb	
		100' x 11' ¹			19,000 lb	
		110' x 10' ¹	12	5	19,900 lb	
		110' x 11' ¹			20,400 lb	
		120' x 10' ²	14	6	22,100 lb	
		120' x 11' ²			22,700 lb	

* Includes Intrinsic safe barrier box(es) model # 0917-0198 and when used with JAGXTREME, power supply part # TA100590.

Notes:

1. These scales will require two (2) home run cables when used in hazardous applications.
2. These scales will require three (3) home run cables when used in hazardous applications.
3. Maximum home run cable length for Hazardous Area is 400 ft.
4. Maximum home run cable length for Safe Area is 900 ft.

7531 Options

Description

12' Width

14' Width (reduces tandem axle rating to 40,000 lb)

Truck/Vehicle Scales

7541 TRUCKMASTER®

CONCRETE DECK PIT SCALE

The METTLER TOLEDO 7541 is an I-beam scale designed for pit installations. Each scale comes equipped with a continuous deck channel. The 7541 is equipped with all of the features required for most standard vehicle weighing applications. Many of the product features can be upgraded to provide the exact performance characteristics that are required.



7541

Applications

- General use
- Grain receiver/dump through
- Legal compliance

Standard Features

- Five (5) Year No Risk Guarantee with StrikeShield™
- 50,000 lb (22.5 t) POWERCELL® load cell
- Concrete deck
- Weigh bridge modules(s), 6" deck channel
- Stainless steel sheathed cables and j-box(es)
- Base plates, installation KOP, and anchor bolts
- One (1) manhole in 10' to 25' scales, two (2) manholes in 40' to 120' scales

Specifications

Approvals:

NTEP CoC #92-046A3, Hazardous Area Protection Class I, II, & III, Division 1 & 2, Groups C, D, E, F & G, Canadian Class Approval AM-4900 Temperature Code: T4

Operating temperature:

-10° C to 45° C (14° F to 113° F); 10 to 95% humidity, non-condensing

Main beam:

W21 x 50 lb/ft

Cross members:

W12 x 19 lb/ft., C6 x 8.2 lb/ft.

Concrete thickness:

6"

Number of cross members:

5 (25' modules), 4 (20' modules)

Module concrete:

20' – 4 cubic yd., 25' – 5 cubic yd.

Module rebar:

20' – 635 lb., 25' – 800 lb.

Module corrugated:

20' – 200 square ft., 25' – 250 square ft.

Material type:

ASTM A-36

Capacity:

70,000 lb (≤25'), 120,000 lb (>25' and <60'), 200,000 lb (≥60')

CLC:

60,000 lb

Profile:

38" (1/4" Shims)

Module lengths:

10', 12', 20' or 25'

Scale widths:

10'

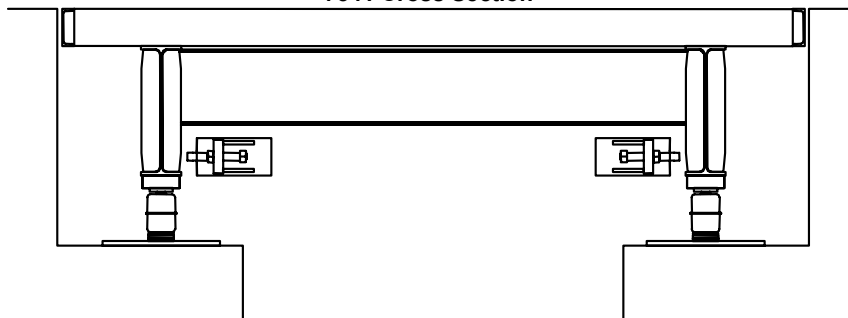
Scale lengths:

10' to 120'

eMin:

20 lb

7541 Cross Section



Truck/Vehicle Scales

7541 Model Configuration

7541 XX XX XX A X				
Wiring	Length (ft.) ⁽¹⁾	Width (ft.) ⁽¹⁾	Revisions Level	Option Entry
KD	10'	10'	A	R (standard finish)
	12'	10'		
	20'	10'		
KH	25'	10'		
	40'	10'		
	50'	10'		
	60'	10'		
	70'	10'		
	80'	10'		
	90'	10'		
	100'	10'		
	110'	10'		
	120'	10'		

⁽¹⁾ Nominal length and width. Contact METTLER TOLEDO for dimensional reference drawing for exact specifications.

7541 TRUCKMASTER

Entry	Wiring	Size (ft./in.)	Load Cells	Modules	Shipping Weight (lb)	Options
CD	Standard Wiring, 30t POWERCELL Load Cell H44 10,000d	10' x 10'	4	1	3000 lb	Standard Finish
		12' x 10'			3200 lb	
CH*	Hazardous	20' x 10'	4	1	4200 lb	
		25' x 10'			4900 lb	
		40' x 10'	6	2	7800 lb	
		50' x 10'			9200 lb	
		60' x 10' ¹	8	3	11,400 lb	
		70' x 10' ¹			12,800 lb	
		80' x 10' ¹	10	4	14,900 lb	
		90' x 10' ¹			16,300 lb	
		100' x 10' ¹	12	5	18,500 lb	
		110' x 10' ¹			19,900 lb	
		120' x 10' ²	14	6	22,100 lb	

* Includes Intrinsic safe barrier box(es) model # 0917-0198 and when used with JAGXTREME, power supply part # TA100590.

Notes:

1. These scales will require two (2) home run cables when used in hazardous applications.
2. These scales will require three (3) home run cables when used in hazardous applications.
3. Maximum home run cable length for Hazardous Area is 400 ft.
4. Maximum home run cable length for Safe Area is 900 ft.

7541 Options

Description

55k Tandem capacity adder "Michigan Vehicle"

- 45t MTX Load cell
- W24 x 62 Main beams
- 8" Thick Concrete deck

11' Width

Manhole -One (1) Additional in terminal module (09260001)



Truck/Vehicle Scales

7560 TRUCKMATE®

CONCRETE DECK SCALE

The METTLER TOLEDO 7560 concrete deck truck scale utilizes a composite steel and concrete deck. The 7560 comes with all of the features you have come to expect from METTLER TOLEDO. There are also a number of standard options that allow the scale to be configured to exactly meet the intended application.



7560

Applications

- General use
- Legal compliance
- Point of sale
- Load out-chemical

Standard Features

- Five (5) Year No Risk Guarantee with Strikeshield™
- 50,000 lb (22.5 t) POWERCELL load cell
- Concrete deck
- Factory assembled module(s)—pre-wired with stainless steel sheathed cable
- Base plates, installation KOP, and anchor bolts
- Lightning protection

Specifications

Approvals:

NTEP CoC # 88-243A4, Hazardous Area Protection Class I, II, & III, Division 1 & 2, Groups C, D, E, F & G; Canadian Class Approval SWA-4194 Temperature Code: T4

Operating temperature:

-10° C to 45° C (14° F to 113° F); 10 to 95% humidity, non-condensing

Deck concrete 11' wide modules:

15' – 4 cubic yd., 17.5' – 5 cubic yd.

Material type:

ASTM A-36 or higher

Capacity:

70,000 lb ($\leq 17.5'$), 120,000 lb ($> 17.5'$ and $< 60'$), 200,000 lb ($\geq 60'$)

CLC:

60,000 lb

Profile:

11 1/2" (1/4" Shims Nominal)

Module lengths:

15' and 17.6'

Scale widths:

10' and 11'

Scale lengths:

10' to 122.5'

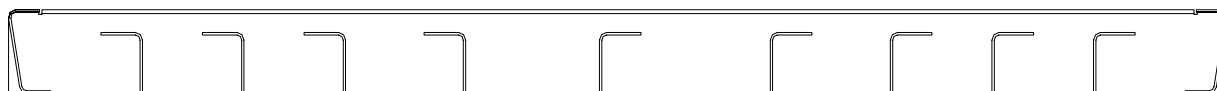
Foundation types:

Variable footer, beam slab, pit

eMin:

20 lb

7560 Cross Section



Truck/Vehicle Scales

7560 Model Configuration

7560 XX XX XX D X				
Wiring	Length (ft.) ⁽¹⁾	Width (ft.) ⁽¹⁾	Revisions Level	Option Entry
RD	10'	10' or 11'	D	— (None)
RH	15'	10' or 11'		1 (2 manholes)
	17.5'	10' or 11'		3 (1 manhole)
	30'	10' or 11'		S (side rail brackets)
	35'	10' or 11'		
	45'	10' or 11'		
	52.5'	10' or 11'		
	60'	10' or 11'		
	70'	10' or 11'		
	80'	10' or 11'		
	87.5'	10' or 11'		
	90'	10' or 11'		
	100'	10' or 11'		
	105'	10' or 11'		
	122'	10' or 11'		

⁽¹⁾ Nominal length and width. Contact METTLER TOLEDO for dimensional reference drawing for exact specifications.

7560 TRUCKMATE

Entry	Wiring	Size (ft./in.)	Load Cells	Modules	Shipping Weight (lb)	Options
RD	Standard Wiring, 22.5t POWERCELL Load Cell H44 10,000d	10' x 10' 10' x 11'	4	1	2300 lb	None
RH*	Hazardous Wiring	15' x 10' 15' x 11'	4	1	3400 lb	2 Manholes (First & Term)
		17.5' x 10' 17.5' x 11'	4	1	3900 lb	1 Manhole (First Module)
		30' x 10' 30' x 11'	6	2	6500 lb	Side Rail Brackets
		35' x 10' 35' x 11'	6	2	7500 lb	
		45' x 10' ¹ 45' x 11' ¹	8	3	9500 lb	
		52.5' x 10' ¹ 52.5' x 11' ¹	8	3	11,000 lb	
		60' x 10' ¹ 60' x 11' ¹	10	4	12,600 lb	
		70' x 10' ¹ 70' x 11' ¹	10	4	14,600 lb	
		80' x 10' ¹ 80' x 11' ¹	12	5	16,800 lb	
		87.5' x 10' ¹ 87.5' x 11' ¹	12	5	18,200 lb	
		90' x 10' ² 90' x 11' ²	14	6	18,700 lb	
		100' x 10' ² 100' x 11' ²	14	6	20,900 lb	
		105' x 10' ² 105' x 11' ²	14	6	21,700 lb	
		122.5' x 10' ² 122.5' x 11' ²	16	7	25,000 lb	

* Includes Intrinsic safe barrier box(es) model # 0917-0198 and when used with JAGXTREME, power supply part # TA100590

Notes:

- These scales will require two (2) home run cables when used in hazardous applications.
- These scales will require three (3) home run cables when used in hazardous applications.
- Maximum home run cable length for Hazardous Area is 400 ft.
- Maximum home run cable length for Safe Area is 900 ft.

7560 Options

Description
Riser/Base Plate 3" Riser/Base Plate (Part Number determined at time of order)
Riser/Base Plate 6" Riser/Base Plate (Part Number determined at time of order)
9'-10" Width
12' Width



Truck/Vehicle Scales

7560 MTX TRUCKMATE®

CONCRETE DECK SCALE

The METTLER TOLEDO 7560 concrete deck truck scale utilizes a composite steel and concrete deck. The 7560MTX comes with all of the features you have come to expect from METTLER TOLEDO. There are also a number of standard options that allow the scale to be configured to exactly meet the intended application.



7560

Applications

- General use
- Multi-axle/axle loads
- Legal compliance
- Point of sale
- Load out-chemical

Standard Features

- Five (5) Year No Risk Guarantee with StrikeShield™
- 55,000 lb (25 t MTX load cell)
- Concrete deck
- Factory assembled module(s)—pre-wired with stainless steel sheathed cable
- Base plates, installation KOP, and anchor bolts
- Lightning protection

Specifications

Approvals:

NTEP CoC #88-243, Hazardous Area Protection Class I, II, & III; Division 1 & 2; Groups C, D, E, F, & G; Canadian Class Approval SWA-4194 Temperature Code: T4

Operating temperature:

-10° C to 45° C (14° F to 113° F); 10 to 95% humidity, non-condensing

Deck concrete 11' wide modules:

15' – 4 cubic yd., 17.5' – 5 cubic yd.

Material type:

ASTM A-36 or higher

Capacity:

70,000 lb (< 17.5'), 120,000 lb (>17.5' and <60'), 200,000 lb (≥60')

CLC:

60,000 lb

Profile:

11 1/2" (1/4" Shims Nominal)

Module lengths:

15' and 17'-6"

Scale widths:

10' and 11'

Scale lengths:

10' to 122.5'

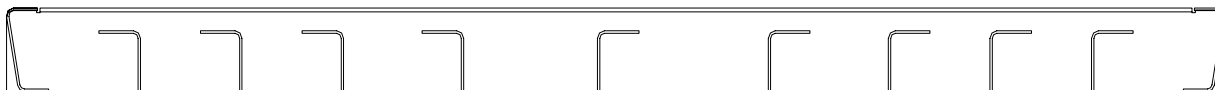
Foundation types:

Variable footer, beam slab, pit

eMin:

20 lb

7560 Cross Section



Truck/Vehicle Scales

7560 Model Configuration

7560 XX XX XX D X

Wiring	Length (ft.) ⁽¹⁾	Width (ft.) ⁽¹⁾	Revisions Level	Option Entry
MD	10'	10' or 11'	D	— (None)
MH	15'	10' or 11'		1 (2 manholes)
	17.5'	10' or 11'		3 (1 manhole)
	30'	10' or 11'		S (side rail brackets)
	35'	10' or 11'		
	45'	10' or 11'		
	52.5'	10' or 11'		
	60'	10' or 11'		
	70'	10' or 11'		
	80'	10' or 11'		
	87.5'	10' or 11'		
	90'	10' or 11'		
	100'	10' or 11'		
	105'	10' or 11'		
	122'	10' or 11'		

Multi-Axle Scales

MD	15-15-30'	11'	E	— (None)
MH	15-17.5-30'	11'		1 (2 manholes)
	15-15-35'	11'		S (side rail brackets)
	15-17.5-35'	11'		
	17-17-35'	11'		
	15-15-45'	11'		
	15-17.5-45'	11'		
	17.5-15-17.5'	11'		

⁽¹⁾ Nominal length and width. Contact METTLER TOLEDO for dimensional reference drawing for exact specifications.

7560 TRUCKMATE

Entry	Wiring	Size (ft./in.)	Load Cells	Modules	Shipping Weight (lb)	Options
MD	Standard Wiring, 25t MTX Load Cell H44 10kd	10' x 10' 10' x 11'	4	1	2300 lb	None
MH*	Hazardous Wiring	15' x 10' 15' x 11'	4	1	3400 lb	2 Manholes (First & Term)
		17.5' x 10' 17.5' x 11'	4	1	3900 lb	1 Manhole (First Module)
		30' x 10' 30' x 11'	6	2	6500 lb	Side Rail Brackets
		35' x 10' 35' x 11'	6	2	7500 lb	
		45' x 10' ¹ 45' x 11' ¹	8	3	9500 lb	
		52.5' x 10' ¹ 52.5' x 11' ¹	8	3	11,000 lb	
		60' x 10' ¹ 60' x 11' ¹	10	4	12,600 lb	
		70' x 10' ¹ 70' x 11' ¹	10	4	14,600 lb	
		80' x 10' ¹ 80' x 11' ¹	12	5	16,800 lb	
		87.5' x 10' ¹ 87.5' x 11' ¹	12	5	18,200 lb	
		90' x 10' ² 90' x 11' ²	14	6	18,700 lb	
		100' x 10' ² 100' x 11' ²	14	6	20,900 lb	
		105' x 10' ² 105' x 11' ²	14	6	21,700 lb	
		122.5' x 10' ² 122.5' x 11' ²	16	7	25,300 lb	



Truck/Vehicle Scales

7560 Multi-Axle Scales

Entry	Wiring	Size (ft./in.)	Load Cells	Modules	Shipping Weight (lb)	Options
MD	Standard Wiring, 25t MTX Load Cell H44 10kd	15-15-30 x 11' ²	14	4	13,300 lb	
MH*	Hazardous Wiring and 2 intrinsic barrier boxes for 13 or more cells 25 t MTX, H44 10kd	15-17.5-30 x 11' ²	14	4	13,800 lb	
		15-15-35 x 11' ²			14,300 lb	
		15-17.5-35 x 11' ²	14	4	14,800 lb	
		17.5-17.5-35 x 11' ²	14	4	15,300 lb	
		15-15-45 x 11' ²	16	5	16,300 lb	
		15-17.5-45 x 11' ²	16	5	16,800 lb	
		17.5-17.5-45 x 11' ²	16	5	17,300 lb	

* Includes Intrinsic safe barrier box(es) model # 0917-0198 and when used with JAGXTREME, power supply part # TA100590

Notes:

1. These scales will require two (2) home run cables when used in hazardous applications.
2. These scales will require three (3) home run cables when used in hazardous applications.
3. Maximum home run cable length for Hazardous Area is 400 ft.
4. Maximum home run cable length for Safe Area is 900 ft.

7560 Options

Description

Riser/Base Plate 3" Riser/Base Plate (Part Number determined at time of order)

Riser/Base Plate 6" Riser/Base Plate (Part Number determined at time of order)

9'-10" Width

12' Width



7562



7562 TRUCKMATE®

ORTHOTROPIC STEEL DECK SCALE

The METTLER TOLEDO 7562 orthotropic deck truck scale is the "Top of the Line" in the METTLER TOLEDO Orthotropic Rib Steel Deck Vehicle Scale Family. The 7562 come loaded with all of the features you have come to expect from METTLER TOLEDO. There are also a number of standard options that allow the scale to be configured to exactly meet the intended application.

Applications

- Multi-axle
- Portability
- Waste
 - Transfer stations/tunnel scales
 - Landfills (in-bound/out-bound scales)
- Aggregates
 - Load out
 - Point of sale
- General use with relatively heavy frequency of truck traffic
- Forestry

Standard Features

- Five (5) Year No Risk Guarantee with StrikeShield™
- 100,000 lb (45 t) MTX load cell
- Steel deck
- Factory assembled module(s)—pre-wired with stainless steel sheathed cable
- Base plates, installation KOP, and anchor bolts
- Top access
- Debris guards

Specifications

Approvals:

NTEP CoC #93-108A2, Hazardous Area Protection Class I, II, & III; Division 1 & 2; Groups C, D, E, F, & G; Canadian Class Approval AM-4900 Temperature Code: T4

Operating temperature:

-10° C to 45° C (14° F to 113° F); 10 to 95% humidity, non-condensing

Material type:

ASTM A-36

Capacity:

120,000 lb ($\leq 23'-4"$ and ≤ 4 load cell), 200,000 lb ($> 23'-4"$ or > 4 load cell)

CLC:

80,000 lb

Profile:

14 1/2" (1/4" Shims Nominal)

Module lengths:

15', 17'-6", 20', and 23'-4"

Scale widths:

10' and 11'

Scale lengths:

15' to 140'

Foundation types:

Variable footer, beam slab, pit

eMin:

20 lb

7562 Cross Section



Truck/Vehicle Scales

7562 Model Configuration

7562 XX XX XX C X

Wiring	Length (ft.) ⁽¹⁾	Width (ft.) ⁽¹⁾	Revisions Level	Option Entry
TD	10'	10' or 11'	C	— (None)
TH	15'	10' or 11'		1 (2 manholes)
TC	17.5'	10' or 11'		3 (1 manhole)
TR*	20'	10' or 11'		S (side rail brackets)
	30'	10' or 11'		P (full frame 35' x 10')
	35'	10' or 11'		P (full frame 70' x 10')
	40'	10' or 11'		
	52.5'	10' or 11'		
	60'	10' or 11'		
	70'	10' or 11'		
	80'	10' or 11'		
	90'	10' or 11'		
	100'	10' or 11'		
	110'	10' or 11'		
	120'	10' or 11'		

Multi-Axle Scales

TD	15-15-30'	11'	C	— (None)
TH*	15-17.5-30'	11'		1 (2 manholes)
TC	15-15-35'	11'		S (side rail brackets)
TR	15-17.5-35'	11'		
	17.5-17.5-35'	11'		
	15-17.5-40'	11'		
	17.5-20-40'	11'		
	20-20-40'	11'		

⁽¹⁾ Nominal length and width. Contact METTLER TOLEDO for dimensional reference drawing for exact specifications.

Truck/Vehicle Scales

7562 TRUCKMATE

Entry	Wiring	Size (ft./in.)	Load Cells	Modules	Shipping Weight (lb)	Options
TD	Standard Wiring, 45t MTX Load Cell H44 10kd	10' x 10' 10' x 11'	4	1	5400 lb	None
TH*	Hazardous Wiring and 1 intrinsic barrier box for 12 or less cells 45 t MTX, H44 10kd	15' x 10' 15' x 11'	4	1	6200 lb	2 Manholes (First & Term)
		17.5' x 10' 17.5' x 11'	4	1	7000 lb	1 Manhole (First Module)
TH*	Hazardous Wiring and 2 intrinsic barrier boxes for 13 or more cells 45 t MTX, H44 10kd	20' x 10' 20' x 11'	4	1	7800 lb	
		30' x 10' 30' x 11'	6	2	11,900 lb	Side Rail Brackets
		35' x 10' 35' x 11'	6	2	13,500 lb	
TC	Standard Wiring, 45t MTX Load Cell H44 10kd, debris guards	40' x 10' 40' x 11'			15,100 lb	
TR*	Hazardous Wiring and 1 intrinsic barrier box for 12 or less cells 45 t MTX, H44 10kd, debris guards	52.5' x 10' ¹ 52.5' x 11' ¹	8	3	20,000 lb	
		60' x 10' ¹ 60' x 11' ¹	10	4	22,400 lb	
TR*	Hazardous Wiring and 2 intrinsic barrier boxes for 13 or more cells 45 t MTX, H44 10kd, debris guards	70' x 10' ¹ 70' x 11' ¹	10	3	26,500 lb	
		80' x 10' ¹ 80' x 11' ¹	12	5	29,700 lb	
		90' x 10' ² 90' x 11' ²	12	4	34,000 lb	
		100' x 10' ² 100' x 11' ²	14	6	37,200 lb	
		110' x 10' ² 110' x 11' ²	14	6	41,500 lb	
		120' x 10' ² 120' x 11' ²	14	6	44,700 lb	

7562 Multi-Axle Scales

TD	Standard Wiring, 25t MTX Load Cell H44 10kd	15-15-30 x 11' ²	14	4	23,300 lb	None
TH*	Hazardous Wiring and 2 intrinsic barrier boxes for 13 or more cells 25 t MTX, H44 10kd	15-17.5-30 x 11' ²	14	4	24,100 lb	2 Manholes (First & Term)
TC	Standard Wiring, 45t MTX Load Cell H44 10kd, debris guards	15-15-35 x 11' ²	14	4	25,700 lb	Side Rail Brackets
TR*	Hazardous Wiring and 2 intrinsic barrier boxes for 13 or less cells 45 t MTX, H44 10kd, debris guards	15-17.5-35 x 11' ²	14	4	26,500 lb	
		17.5-17.5-35 x 11' ²	14	4	27,300 lb	
		15-17.5-40 x 11' ²	14	4	28,100 lb	
		17.5-17.5-40 x 11' ²	14	4	28,900 lb	
		17.5-20-40 x 11' ²	14	4	29,700 lb	
		20-20-40 x 11' ²	14	4	30,500 lb	

* Includes Intrinsic safe barrier box(es) model # 0917-0198 and when used with JAGXTREME, power supply part # TA100590

Notes:

1. These scales will require two (2) home run cables when used in hazardous applications.
2. These scales will require three (3) home run cables when used in hazardous applications.
3. Maximum home run cable length for Hazardous Area is 400 ft.
4. Maximum home run cable length for Safe Area is 900 ft.

7562 Options

Description

Riser/Base Plate 3" Riser/Base Plate (Part Number determined at time of order)

Riser/Base Plate 6" Riser/Base Plate (Part Number determined at time of order)

9'-10" Width

11'-10" Width

Temporary Frame



Truck/Vehicle Scales

7563 TRUCKMATE®

ORTHOTROPIC STEEL DECK SCALE

The METTLER TOLEDO 7563 orthotropic deck truck scale is the first Extreme Duty METTLER TOLEDO Orthotropic Rib Steel Deck Vehicle Scale Family. It comes loaded with features is designed for Extreme Duty Applications including weighments of Off Road haul trucks. The 7563 comes with all of the features you have come to expect from METTLER TOLEDO. There are also a number of standard options that allow the scale to be configured to exactly meet the intended application.



7563

Applications

- Aggregates
- Off-road vehicle weighing
- Mining
- Steel production
- Forestry
- Off-road vehicle weighing

Standard Features

- Five (5) Year No Risk Guarantee with StrikeShield™
- 100,000 lb (45 t) MTX load cell
- Steel deck
- Factory assembled module(s)—pre-wired with stainless steel sheathed cable
- Base plates, installation KOP, and anchor bolts
- Debris guards
- Top access

Specifications

Approvals:

NTEP CoC #96-092A2, Hazardous Area Protection Class I, II, & III; Division 1 & 2; Groups C, D, E, F, & G; Canadian Class Approval AM-4900 Temperature Code: T4

Operating temperature:

-10° C to 45° C (14° F to 113° F); 10 to 95% humidity, non-condensing

Deck plate thickness:

5/16"

Material type:

ASTM A-36

Capacity:

120,000 lb ($\leq 20'$), 200,000 lb ($> 20'$)

CLC:

80,000 lb

Side-by-side capacity:

240,000 lb ($< 20'$), 400,000 lb ($> 20'$)

Side-by-side CLC:

160,000 lb

Side-by-side design trucks:

Cat 773, Euclid R50

Profile:

17" (1/4" Shims Nominal)

Module lengths:

15', 17'-6" and 20'

Scale widths:

9'-9 1/2", 9'-11", 10', 11', 14' and 20'

Scale lengths:

15' to 140'

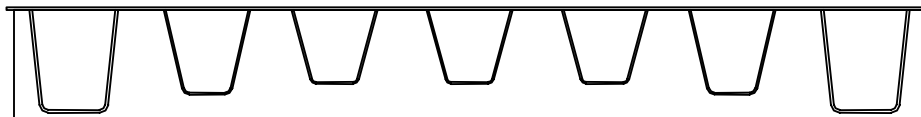
Foundation types:

Variable footer, beam slab, pit

eMin:

20 lb

7563 Cross Section



Truck/Vehicle Scales

7563 Model Configuration

7563 XX XX XX A X

Wiring	Length (ft.) ⁽¹⁾	Width (ft.) ⁽¹⁾	Revisions Level	Option Entry
MD	10'	10' or 11'	A	— (None)
MH	15'	10' or 11'		1 (2 manholes)
	17.5'	10' or 11'		3 (1 manhole)
	20'	10' or 11'		S (side rail brackets)
	30'	10' or 11'		
	35'	10' or 11'		
	40'	10' or 11'		
	52.5'	10' or 11'		
	60'	10' or 11'		
	70'	10' or 11'		
	80'	10' or 11'		
	90'	10' or 11'		
	100'	10' or 11'		
	110'	10' or 11'		
	120'	10' or 11'		

7563Off-Road Scales

MD	15'	14'	A	
MH*	17.5'	14'		
	30'	14'		
	35'	14'		
	45'	14'		
	52.5'	14'		
	60'	14'		
	70'	14'		
	75'	14'		
	87.5'	14'		
	90'	14'		
	105'	14'		

⁽¹⁾ Nominal length and width. Contact METTLER TOLEDO for dimensional reference drawing for exact specifications.



Truck/Vehicle Scales

7563 TRUCKMATE

Entry	Wiring	Size (ft./in.)	Load Cells	Modules	Shipping Weight (lb)	Options
MD	Standard Wiring, 45t MTX Load Cell H44 10kd	10' x 10' 10' x 11'	4	1	4300 lb	None
MH*	Hazardous Wiring and 1 intrinsic barrier box for 12 or less cells 45 t MTX, H44 10kd	15' x 10' 15' x 11'	4	1	6500 lb	2 Manholes (First & Term)
		17.5' x 10' 17.5' x 11'	4	1	7400 lb	1 Manhole (First Module)
MH*	Hazardous Wiring and 2 intrinsic barrier boxes for 13 or more cells 45 t MTX, H44 10kd	20' x 10' 20' x 11'	4	1	8300 lb	
		30' x 10' 30' x 11'	6	2	12,700 lb	Side Rail Brackets
		35' x 10' 35' x 11'	6	2	14,500 lb	
		40' x 10' 40' x 11'			16,300 lb	
		52.5' x 10' ¹ 52.5' x 11' ¹	8	3	21,600 lb	
		60' x 10' ¹ 60' x 11' ¹	8	3	24,300 lb	
		70' x 10' ¹ 70' x 11' ¹	10	4	28,700 lb	
		80' x 10' ¹ 80' x 11' ¹	10	4	32,300 lb	
		90' x 10' ² 90' x 11' ²	12	5	36,700 lb	
		100' x 10' ² 100' x 11' ²	12	5	40,300 lb	
		110' x 10' ² 110' x 11' ²	14	6	44,700 lb	
		120' x 10' ² 120' x 11' ²	14	6	48,300 lb	

7563 Off-Road Scales

MD	Standard Wiring, 25t MTX Load Cell H44 10kd	15 x 14' ¹ 17.5 x 14' ¹	8	2	10,800 lb 12,000 lb	None
MH*	Hazardous Wiring and 1 intrinsic barrier boxes for 13 or more cells 25 t MTX, H44 10kd	30 x 14' ¹ 35 x 14' ¹	12	4	23,000 lb 26,200 lb	2 Manholes (First & Term)
MH*	Hazardous Wiring and 2 intrinsic barrier boxes for 13-24 or more cells	45 x 14' ² 52.5 x 14' ²	16	6	30,600 lb 34,800 lb	Side Rail Brackets
MH*	Hazardous Wiring and 3 intrinsic barrier boxes for 24 or more cells	60 x 14' ³ 70 x 14' ³	20	8	40,600 lb 46,200 lb	
		75 x 14' ³	24	10	50,600 lb	
		87.5 x 14' ³	24	10	57,600 lb	
		90 x 14' ⁴	28	12	60,600 lb	
		105 x 14' ⁴	28	12	69,000 lb	

* Includes Intrinsic safe barrier box(es) model # 0917-0198 and when used with JAGXTREME, power supply part # TA100590

Notes:

- 1 These scales will require two (2) home run cables when used in hazardous applications.
- 2 These scales will require three (3) home run cables when used in hazardous applications.
- 3 These scales will require four (4) home run cables when used in hazardous applications.
- 4 These scales will require five (5) home run cables when used in hazardous applications.
- 5 Scales with more than 24 cells require two (2) indicators with custom summing program (consult factory)
- 6 Maximum home run cable length for Hazardous Area is 400 ft.
- 7 Maximum home run cable length from Safe Area is 900 ft.

7563 Options

Description

Riser/Base Plate 3" Riser/Base Plate (Part Number determined at time of order)

Riser/Base Plate 6" Riser/Base Plate (Part Number determined at time of order)

9'-9 1/2" or 9'-11" Width

11' - 10" Width

16' Width



7566



7566 TRUCKMATE®

ORTHOTROPIC STEEL DECK SCALE

The METTLER TOLEDO 7566 orthotropic steel deck truck scale is designed for extreme duty applications. This version of the orthotropic steel deck vehicle scale is designed to weigh heavy off-road vehicles. This scale is particularly well suited for mining, forestry, steel mills, and power plants. It can be configured as either a single width (11'-10") or side-by-side (19'-9") scale. The 7566 comes equipped with most of the features that are required in extreme duty applications. If you require additional clearance under the scale to improve access for clean out, an additional 6" of clearance can be added by ordering the high riser option.

Applications

- Mining
- Heavy duty off road vehicle weighing

Standard Features

- Five (5) Year No Risk Guarantee with StrikeShield™
- 100,000 lb (45 t) MTX load cell
- Steel deck
- Factory assembled module(s)—pre-wired with stainless steel sheathed cable
- Base plates, installation KOP, and anchor bolts

Specifications

Approvals:

NTEP Approval CoC #00-077A2 Hazardous Area Protection Class I, II, & III, Division 1 & 2, Groups C, D, E, F & G, Canadian Class Approval AM-4900 Temperature Code: T4

Operating temperature:

-10° C to 45° C (14° F to 113° F); 10 to 95% humidity, non-condensing

Material type:

ASTM A-36

Capacity:

190,000 lb (≤15'), 300,000 lb (>15')

CLC:

130,000 lb

Side-by-side capacity:

350,000 lb (≤15') and 500,000 lb (>15')

Side-by-side CLC:

250,000 lb

Side-by-side design trucks:

Cat 777, Euclid R90, Komatsu 330M

Profile:

29 7/8" (1/4" Shims Nominal)

Under scale clearance:

12" Minimum

Module lengths:

15', 17'-6" and 20'

Scale widths:

11'-10", 19'-9"

Scale lengths:

15' to 120'

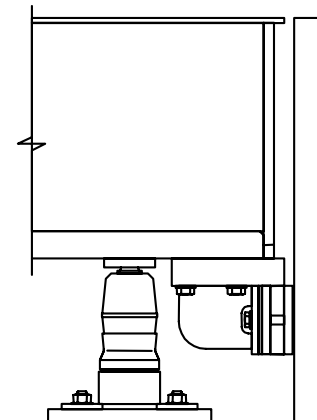
Foundation types:

Variable footer, beam slab

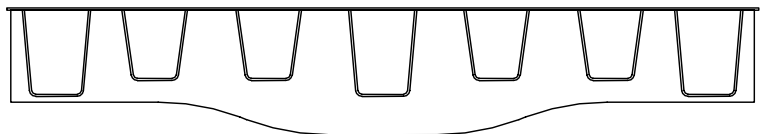
eMin:

20 lb

Load Cell View



7566 Cross Section



Truck/Vehicle Scales

7566 Model Configuration

7566 XX XX X

Length & Width (ft./in.) ⁽¹⁾	Revisions Level
20' x 11' 10"	M
40' x 11' 10"	X*
60' x 11' 10"	X*
70' x 11'-10"	
80' x 11'-10"	
90' x 11'-10"	
100' x 11'-10"	
110' x 11'-10"	
120' x 11'-10"	
30' x 19'-9"	
35' x 19'-9"	
45' x 19'-9"	
60' x 19'-9"	
75' x 19'-9"	

⁽¹⁾ Nominal length and width. Contact METTLER TOLEDO for dimensional reference drawing for exact specifications.

7566 TRUCKMATE

Size (ft./in.)	Load Cells	Modules	Shipping Weight (lb)
20' x 11' 10"	4	1	12,500 lb
40' x 11' 10"	6	2	22,900 lb
60' x 11' 10" ¹	8	3	34,500 lb
70' x 11'-10" ¹	10	4	42,800 lb
80' x 11'-10" ¹	10	4	48,000 lb
90' x 11'-10" ¹	12	5	53,500 lb
100' x 11'-10" ¹	12	5	60,000 lb
110' x 11'-10" ²	14	6	65,500 lb
120' x 11'-10" ²	14	6	71,500 lb
30' x 19'-9" ¹	12	4	36,800 lb
35' x 19'-9" ¹	12	4	43,000 lb
45' x 19'-9" ²	16	6	54,700 lb
60' x 19'-9" ³	20	8	72,200 lb
75' x 19'-9" ³	24	10	89,500 lb

* Includes Intrinsic safe barrier box(es) model # 0917-0198 and when used with JAGXTREME, power supply part # TA100590

Notes:

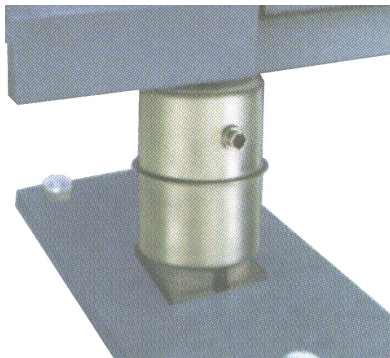
- 1 These scales will require two (2) home run cables when used in hazardous applications.
- 2 These scales will require three (3) home run cables when used in hazardous applications.
- 3 These scales will require four (4) home run cables when used in hazardous applications.
- 4 Maximum home run cable length for Hazardous Area is 400 ft.
- 5 Maximum home run cable length from Safe Area is 900 ft.

7566 Options

Description

High-Riser Base Plate—Adds 6" of Clearance Under Load Cell (Add one per Load Cell)

Note: The model 7566 scale is not offered with manholes.



760DC



POWERCELL® LOAD CELLS

The METTLER TOLEDO 760DC DigiTOL CONVERSION KIT is a system of DigiTOL POWERCELLS designed to be installed under your existing scale weighbridge. Easily installed to replace your costly analog load cells or high maintenance lever system, the 760DC provides all the benefits of modern METTLER TOLEDO DigiTOL technology... the same field-proven weighing principles used in all METTLER TOLEDO vehicle scales. METTLER TOLEDO's exclusive stainless steel, hermetically sealed DigiTOL POWERCELLS make up the heart of the 760DC. Each cell contains its own microprocessor to ensure peak accuracy. The rugged DigiTOL Power Cells transform analog signals into a stronger, more useful digital output. Scale setup and calibration are performed quickly and easily via the scale instrument, eliminating the need for costly in-pit scale adjustments.

Applications

- Conversion of mechanical scales
- Upgrade to analog systems

Standard Features

- Two (2) year warranty with StrikeShield™
- POWERCELL load cell
- Top and bottom receivers
- Top and bottom epoxy painted base plates
- Installation KOP
- 35' Stainless steel sheathed POWERCELL cables
- Stainless steel j-box(es)

Options

- 50K and 100K CapCheck conversion
- Type "S" lever conversion

Specifications

Approvals:

NTEP CoC #98-031, Hazardous Area Protection Class I, II, & III, Division 1 & 2, Groups C, D, E, F & G, Canadian Class Approval AM-4900
Temperature Code: T4

Operating temperature:

-10° C to 45° C (14° F to 113° F); 10 to 95% humidity, non-condensing

Height:

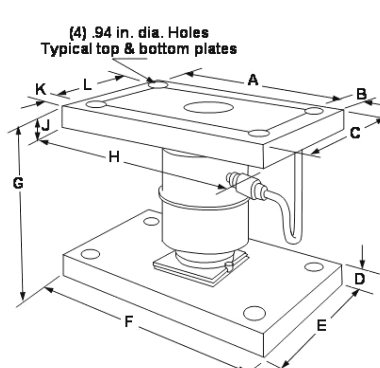
10-1/4" (No Shims)

Power cells/kit:

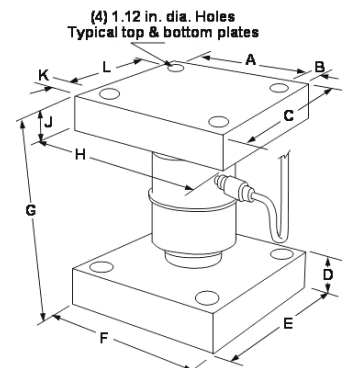
4, 6, 8, or 10

Dimensions (in inches)

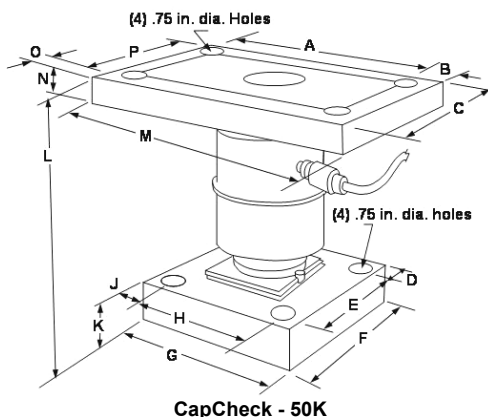
	POWERCELL 22.5 t and 45 t	POWERCELL 200,000 lb	CapCheck 50K	CapCheck 100K
A	12."	8."	7.5"	10."
B	2."	2."	1.25"	1.25"
C	8."	12."	5.75"	7.5"
D	1."	2.5"	1."	1."
E	8."	12."	4."	5."
F	16."	12."	6."	8."
G	10.25" (no shims) 11" (max. shims)	14" (no shims) 14.75" (max. shims)	6."	8."
H	16."	12."	4."	6."
J	1."	2.5"	1."	1."
K	1.5"	2."	.75"	3.88"
L	5."	8."	10.03"	13.12"
M	—	—	10."	12.5"
N	—	—	1."	1.25"
O	—	—	.88"	1."
P	—	—	4."	5.50"



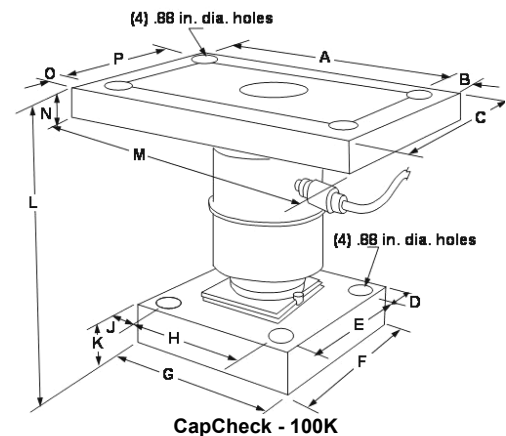
POWERCELL - 22.5t and 45t



POWERCELL - 200,000 lb



CapCheck - 50K



CapCheck - 100K

Truck/Vehicle Scales

760DC Model Configuration

760 XXX XX X X

Shipping Weight (lb)								
Kit Size	J-box(es)	Standard	Cap Check ²	Type 'S' ³	Entry	Revision	Entry	Kit Type
22.5t-4 Cell	1	400	480	900	050-006 or 05H-006	A	Blank	Standard Conversion, H44 10kd
22.5t-6 Cell	1	600	720	1350	050-008 or 05H-008			
22.5t-8 Cell ¹	2	800	960	1800	050-010 or 05H-010		C	50k Cap Check
22.5t-10 Cell ¹	2	1000	1200	2250	050-012 or 05H-012			Conversion, H44 10kd
22.5t-12 Cell ¹	3	1200	1440	2700	100-004 or 10H-004		C	100k Cap Check
45t-4 Cell	1	440	600	—	100-006 or 10H-006			Conversion, H44 10kd
45t-6 Cell	1	660	900	—	100-008 or 10H-008		S	Type 'S' Lever ³
45t-8 Cell ¹	2	880	1200	—	100-010 or 10H-010			Conversion, H44 10kd
45t-10 Cell ¹	2	1100	1500	—	100-012 or 10H-012			
45t-12 Cell ¹	3	1320	1800	—	200-004 or 20H-004			
90t-4 Cell	1	860	—	—	200-006 or 20H-006			
90t-6 Cell	1	1290	—	—	200-008 or 20H-008			
90t-8 Cell ¹	2	1720	—	—	200-010 or 20H-010			
90t-10 Cell ¹	2	2150	—	—	200-012 or 20H-012			
90t-12 Cell ¹	3	2580	—	—				
					↑	↑		
					Standard Applications	Hazardous Applications		

Notes:

- These scales will require two (2) home run cables when used in hazardous applications.
- These Cap Check Conversion kits are available in 22.5t and 45t capacities only.
- Type 'S' Lever Conversion kits are available in 22.5t capacity only.
- Maximum home run cable length for Hazardous Area is 400 ft.
- Maximum home run cable length from Safe Area is 900 ft.

760DC Options

Order Number	Description
TC600234	Bumper Checking Kit (Truck Scales only)
TC600263-1	Longitudinal Kit required/scale Check Rod Kit (50k or 100k cells)—Reference drawing #TC600263
TC600263-2	Lateral Kit required/section
TA200831	50k or 100K Locating Tool (1 required for each cell at installation)
TA2-03072	200k Locating Tool (1 required for each cell at installations)
Load Cell Upgrade from DigiTOL POWERCELL to MTX load cell (only for 22.5t and 45t POWERCELL)	
Riser/Base Plate 3"	Riser/Base Plate (Part Number determined at time of order)
Riser/Base Plate 6"	Riser/Base Plate (Part Number determined at time of order)
Hazardous Area 1	Intrinsic Barrier Box 09170198 and Power Supply TA100590 (<12 cells)
Hazardous Area 2	Intrinsic Barrier Boxes 09170198 and Power Supply TA100590 (≥13 cells)

Application Considerations:

1. DigiTOL POWERCELL Contract

A signed POWERCELL Contract must be on file at METTLER TOLEDO before conversion kits can be shipped.

2. Warranty Clarifications

This product is intended for use under existing in-ground "I-beam" Weighbridges. METTLER TOLEDO's warranty is void if the 760 DC POWERCELLs are incorporated into newly constructed Weighbridges.

3. Capacity

Gross, tandem axle, or CLC capacity ratings are not increased by incorporating 760DC POWERCELLs.

4. Weights and Measures Regulations

Conversions are not addressed in the NIST handbooks. Approval is the responsibility of local Weights and Measures officials. Please obtain written approval from local authorities prior to beginning a conversion project.

5. Responsibility

METTLER TOLEDO

Type approved components
Application documentation

Others

Suitability of Weighbridge
Suitability of foundation
Foundation modifications
Spacer plates (if required)
Checking considerations
Locating tools (TA200831)
Approvals



SIDE RAILS



Side Rails

FOR MODELS 7460, 7461, 7560, 7562, 7563

The METTLER TOLEDO side rails for models 7460, 7461, 7560, 7562, 7563 include the galvanized side rail tubes, galvanized mounting arms, polyurethane end caps and stainless steel mounting hardware. To accept these side rails, to scale must have the side rail brackets. The side rail brackets can be added to any new scale by adding the "S" option or field weld brackets are also available for existing scales.

Applications

- Vehicle scales

Standard Features

- Pipe: 3 1/2" schedule 40 pipe (3-1/2" ID)
- Support arm: made from 1/4" ASTM A-36 plate
- Galvanized: ASTM A123 (both the pipe and support)
- End caps: black polyethylene

Specifications

End caps:

Black polyethylene

Pipe:

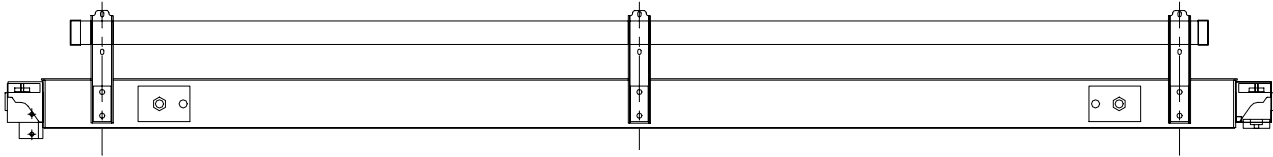
3 1/2" Schedule 40 pipe (3-1/2" ID)

Support arm:

Made from 1/4" ASTM A-36 plate

Galvanized:

ASTM A123 (both the pipe and support)



Side Rail

Order Number	Description
TC204907-15	Side Rail Kit for 15' Modules
TC204907-17	Side Rail Kit for 17.5' Modules
TC204907-20	Side Rail Kit for 20' Modules
TC204907-23	Side Rail Kit for 23' Modules

Side Rail Options

Order Number	Description
TC201160-1	Side Rail Brackets (for field welding) use with 7460, 7560 Note: Six Brackets per Module.
TC201160-13	Side Rail Brackets (for field welding) use with 7461, 7562, 7563 Note: Six brackets per module

Truck/Vehicle Scales



OVERDRIVE VEHICLE SCALE SOFTWARE

The METTLER TOLEDO OverDrive vehicle software is a cross-platform solution for managing your scale and weight data. It connects your scale to the equipment already in use. Whether installed on a single PC or computer network, OverDrive software controls multiple scales, traffic lights, gates, etc. Transactions can be processed from a scale house PC, an unattended weighing station, or a remote PC via web browser. The database stores information and uses it to create a detailed record of each transaction. Instant access to the information you need to track order, compile records, and comply with regulations.



OverDrive 24/7

Applications

- Vehicle scales

Standard Features

- Control of one scale plus manual scale
- Sybase Adaptive Server Anywhere 7.0 single user database
- Transaction screen
- Database tables for account, carrier, company, container, contract, driver, permit, product, remark 1, remark 2, surcharge, tax, trailer, vehicle and 25 additional extended tables
- Advanced pricing
- Presets and groups
- Security setup for assigning access rights to users
- Transaction maintenance
- Weights and Measures log
- Standard reports and tickets
- GUI editor
- Wizards for data conversion, database import/export, alarms, and pricing
- Two of the following languages: English, French, German, Spanish, Swedish, Norwegian, Italian, Dutch, Chinese

Optional Add On Modules

Internet package module:

- Enables you to process remote transactions via a web browser
- Enables installation on Windows NT Server with Microsoft Internet Information (IIS) (not included)

Synchronization module:

- Synchronizes master database to remote databases on a network
- Includes master database license and Sybase synchronization utility

Oracle® support module:

- Provides scripts to allow OverDrive software to be installed directly onto an Oracle database
- Oracle database and license not provided

Back office module:

- Sets up a work station with all the features of the OverDrive basic package except the transaction screen

Additional database user license:

- Enables an additional user to connect to the database

OVERDRIVE 24/7

The OverDrive 24/7 system is an ideal solution for around-the-clock weighing operations. Choose from several hardware options for use in remote locations or installations that are not staffed full time. You can reduce manpower and construction expenses by eliminating the need to have an operator on duty or a scale house on site.

Hardware options:

- Several options are available for entering data at the unattended driver station: Personal computer, touch screen, two-line display and JagHMI.

OverDrive 24/7 Standard Unattended

- Alphanumeric keyboard
- 2-line display or JXOI (optional)
- Bar code, proximity or RF card reader (optional)
- Thermal ticket printer (optional)
- Mounting pole/swivel arm assembly (optional)

OverDrive 24/7 Kiosk Unattended

- Alphanumeric keyboard
- Touch screen
- Bar code, proximity or RF card reader (optional)
- Thermal ticket printer (optional)

IND310drive



IND310drive



TRUCK SCALE TERMINAL

The METTLER TOLEDO IND310drive industrial terminal is a single- or multi-range, high-performance weighing terminal for use with METTLER TOLEDO® analog and/or POWERCELL®/ MTX® scale platforms. The terminal has permanent and temporary memory locations for storing vehicle weights that can be recalled to complete a transaction and print a ticket. User-definable database tables enable application and variable data to be stored permanently or temporarily and recalled on demand. This terminal also has variable printed report formats.

Applications

- Truck scales
- Grain receiver/dump through
- Legal compliance

Standard Features

- Stainless steel desk enclosure with adjustable angle stand
- Time and date
- Continuous mode output
- 12 key numeric keypad
- 4 Function keys
- 5 Softkeys (up to 10 softkeys available)
- TCP/IP 10Base-T Ethernet
- Predictive failure analysis
- Auto tare
- Auto Zero Maintenance (AZM)

Specifications

Approvals:

OIML R76, CE, 90/384/EU – Non-automatic Balances and Scales, European standards EN45501, 89/336/EU – EMC Directive

Enclosure type:

Stainless steel desk with adjustable angle stand

Environmental protection:

Washdown, IP69K

Operating temperature:

–20° to 60° C (–4° to 140° F) at 10 to 95% humidity, non-condensing

Display:

Monochrome, graphic LCD, 1/4 VGA (320 x 240 pixels)

Weight display:

Variable size Default: 24 mm (0.9 in)

Keypad:

- 0 – 9 Numeric, Decimal
- 10 Functional/Navigational keys
- 4 Application specific and 5 softkeys (optional 10 softkeys available)

External keyboard:

Supports Optional External Keyboard via PS/2 connector

Communication ports:

- Two serial ports:
 - COM1–RS232, 20mA CL
 - COM2–RS232, RS485/422
- TCP/IP 10Base-T Ethernet
- ISO8859-15 character table

Dimensions w x d x h:

11.8 x 10.6 x 7.5 in (300 x 270 x 190 mm)

Power:

Universal Internal AC Power Supply 87 - 264 VAC, 49 - 61 Hz, Fused at 1.6 amp, 250 volt

Load cells:

- 8 - 350Ω Analog load cells per channel, maximum of two channels
- 10 POWERCELLs or MTX load cells
- 24 POWERCELLs with optional external power supply

Number of scales:

Up to 2 platforms

Net weight:

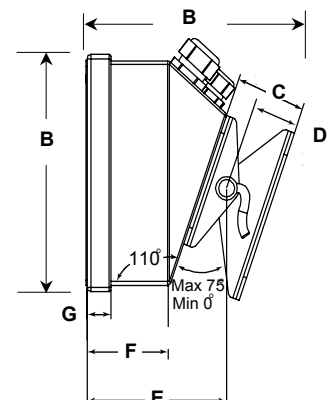
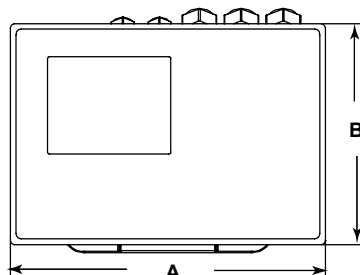
5.5 kg / 8.0 kg

Shipping weight:

12 lb / 17 lb

Dimensions (in inches)

A	11.80"
B	7.90"
C	2.60"
D	1.70"
E	5.10"
F	2.90"
G	0.90"



Vehicle and Rail Scales

IND310drive Parts

Order Number	Description
71207872	Display board
71207873	Display driver board
71207874	Power supply assembly
71207875	Main board
71207876	Sabre single analog channel board
71207877	Sabre POWERCELL board
71207878	Sabre dual analog channel board
71207879	US line cord
71207880	Schuko line cord
71207881	Swiss line cord
71207882	UK line cord
71207883	Australian line cord

IND310drive Kits

Order Number	Description
71207815	Kit 1: Front enclosure assembly (with standoffs, etc.) Front cover Keyboard and overlay Gasket (attached)
71207816	Kit 2: Back enclosure assembly Enclosure base (with clips, standoffs, etc.)
71207817	Kit 3: Connector kit (1) Connector, M25 x 1.5 (2) Connector, PG11 (2) Plastic insert, PG11 (1) PG Insert, big (2) PG Insert, small
71207818	Kit 4: Fastener and sealing kit (2) Nut, M3 x 16 (1) Sealing cover (1) Sealing insert (1) Sealing wire (1) Lead Wire, #14 (1) Screw, sealing, M3 x 10 (5) Screw, GB9074.4, M3 x 10 (5) Screw GB9074.4, M4 x 10
71207819	Kit 5: Connector kit (2) Connector, Terminal 7P, 3.81mm (2) Connector, Terminal, 1803617 (2) Connector, Terminal, 3P, 5.08mm