

# PowerDeck™ Floor Platforms

## True Performance, Every Time

### Maximize Productivity and Yields



#### Operator Guidance

Real-time guidance alerts operators to optimal placement of goods on the scale to guarantee repeatability. Proactive warnings, such as overload, shock load or debris under the scale, eliminates errors before they become critical.



#### Rugged & Precise

Tough enough to handle your largest loads, accurate enough to weigh the smallest. With new accuracy classes, 6,000e/10,000e, self-monitoring smart load cells continually monitor and compensate for measurement deviations and ensure accuracy.



#### Half the Maintenance

By eliminating the junction box, the POWERCELL® digital load-cell network completely prevents moisture ingress. Smart electronics within the load cell automatically adjust to environmental conditions and eliminate interference.



#### Visibility Through Diagnostics

What if you could proactively correct an issue before the scale stops working properly? PowerDeck™ monitors data from all four corners of the scale to assist you in finding and correcting most issues while also monitoring usage patterns.



### PFD7\_ POWERCELL Floor Scale Platforms

What is True Performance? True Performance is defined as "the fulfillment of a request in accordance with fact or reality." In the world of weights and measures, this term is used to describe a scale that is calibrated to read as close as possible to the actual weight of what is being measured. With the introduction of POWERCELL® technology to the new PowerDeck™ floor scale line, True Performance is finally possible for bulk weighments.

Only PowerDeck™ continuously monitors every component and overall status of the scale. Operators are immediately alerted to any deviations, meaning your critical measurements will be True every time. PowerDeck™ offers an increased level of Performance that allows you greater confidence in your production process knowing that your scale is verifying every measurement every time.

**METTLER** **TOLEDO**

## PowerDeck™ Floor Platforms Model Specific Data

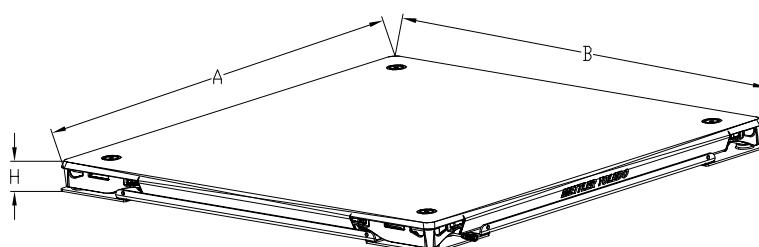
Maximum Capacity	kg	300	600	1200	1500	3000	6000	3000	6000	12000
Height	mm	78	78	78	78	78	78	104	104	104
<b>Sizes B x A (See below Dimensional Drawing)</b>										
1.0 x 1.0	[m]	●	●	●	●	●				
1.25 x 1.00	[m]	●	●	●	●	●				
1.5 x 1.25	[m]	●	●	●	●	●	●			
1.5 x 1.5	[m]	●	●	●	●	●	●	■	■	■
2.0 x 1.5	[m]	●	●	●	●	●	●	■	■	■
2.0 x 2.0	[m]							■	■	■
2.5 x 2.0	[m]							■	■	■
<b>Approved Accuracy Readability Class III Single Range</b>										
3,000e	[g]	100	200		500	1000	2000	1000	2000	5000
6,000e	[g]	50	100	200		500	1000	500	1000	2000
<b>Approved Accuracy Readability Class III Multi Range</b>										
2 x 3,000e	Max1 / e1 [kg/g]	150/50	300/100		600/200	1500/500	3000/1000		3000/1000	6000/2000
	Max2 / e2 [kg/g]	300/100	600/200		1500/500	3000/1000	6000/2000		6000/2000	12000/5000
2 x 6,000e	Max1 / e1 [kg/g]	120/20	300/50	600/100		1200/200	3000/500		3000/500	6000/1000
	Max2 / e2 [kg/g]	300/50	600/100	1200/200		3000/500	6000/1000		6000/1000	12000/2000
2 x 10,000e	Max1 / e1 [kg/g]	200/20	500/50		1000/100	2000/200	5000/500			
	Max2 / e2 [kg/g]	300/50	600/100		1500/200	3000/500	6000/1000			
<b>Recommended Readability Single Range</b>										
15,000d	[g]	20	50		100	200	500	200	500	1000
30,000d	[g]	10	20		50	100	200	100	200	500
60,000d	[g]	5	10	20		50	100			
<b>Maximum Permissible Error at Maximum Load (Limit Values, approved platforms only)</b>										
3,000e	[g]	150	300		750	1500	3000	1500	3000	7500
6,000e	[g]	75	150	300		750	1500	750	1500	3000
2 x 3,000e	[g]	150	300		750	1500	3000		3000	7500
2 x 6,000e	[g]	75	150	300		750	1500		1500	3000
2 x 10,000e	[g]	75	150		300	750	1500			
<b>Minimum Capacities (approved platforms only)</b>										
3,000e	[kg]	2	4		10	20	40	20	40	100
6,000e	[kg]	1	2	4		10	20	10	20	40
2 x 3,000e	[kg]	1	4		5	10	20		20	40
2 x 6,000e	[kg]	0.4	1	2		4	10		10	20
2 x 10,000e	[kg]	0.4	1		2	4	10			
<b>Minimum Weight Typ.*</b>	[kg]	2	2	4	8	8	40	60	60	60
<b>Typical Values **</b>										
Repeatability (at max. load)	[g]	10	10	20	40	40	200	300	300	300
Linearity Deviation (at half load)	[g]	10	10	20	30	30	300	300	300	300
Linearity Deviation (at full load)	[g]	10	10	50	80	80	100	300	300	300
<b>Maximum Static Safe Load(kg)</b>										
Central Load	[kg]	750	750	2000	2000	4000	7500	15000	15000	15000
Side Load	[kg]	400	400	1000	1000	2000	4000	7000	7000	7000
Corner Load	[kg]	200	200	500	500	1000	2000	4000	4000	4000

\* The minimum weight achievable depends on the settings of the weighing device, the tare vessel as well as the environment. The minimum weight of your device in situ can therefore be smaller or larger than the typical values published, for which METTLER TOLEDO takes no responsibility. The determination of the minimum weight on site is documented in GWP® Verification. The minimum weight is calculated at the minimum recommended readability and a process tolerance of 1%.

\*\* At room temperature and stable environmental conditions without vibration and draft, with automated weight placement.

## Dimensional Drawing

Height (mm)	●	■
H	78	104



## PowerDeck™ Floor Platform Preload Range

Platform Sizes (B x A, m x m)	[kg]	Total Preload								
		300	600	1200	1500	3000	6000	3000***	6000***	12000***
1.0 x 1.0	[kg]	410	1370	2850	2490	690				
1.25 x 1.0	[kg]	380	1340	2820	2460	660				
1.5 x 1.25	[kg]	320	1280	2760	2400	600	1400			
1.5 x 1.5	[kg]	280	1240	2720	2360	560	1360	13690	10090	2890
2.0 x 1.5	[kg]	220	1180	2660	2300	500	1300	13690	10090	2890
2.0 x 2.0	[kg]							13690	10090	2890
2.5 x 2.0	[kg]							13690	10090	2890

\*\*\*Use for 104 mm platforms, which are marked with ■.



## PowerDeck™ Floor Scale General Specification

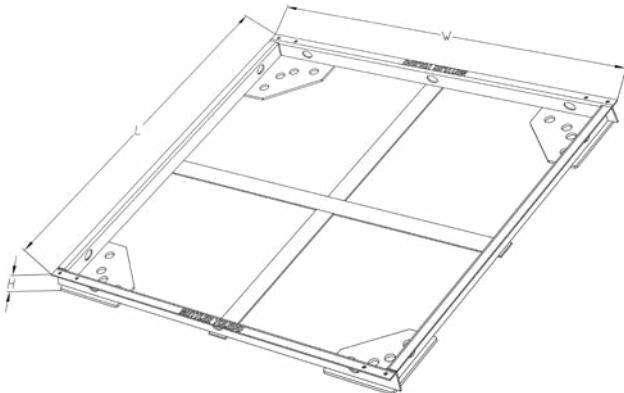
Model		PFD774	PFD779
Platform Material	Mild Steel painted, blue	▲	
	Stainless Steel AISI304L		▲
Platform surface	Smooth	▲	▲
	Pattern (up to max. 2.0 x 1.5m)	▲*	▲*
Compliance	Metrology		OIML Class III
	Safety		FM, UL
	EMC		10 V/m
Temperature Range	Compensated		-10°C – +40°C
	Operating		-20°C – +65°C
Home Run Cable/Length		Polyurethane / 3 m, 10 m, 20 m	
Load Cell		SLB615D, E-polish, IP68/IP69K	
Terminal		IND246PowerCell(246H5), IND570PowerCell(T57000H5), IND780PDX	
Ingress Protection		IP68 / IP69K	
Scale Interfaces		POWERCELL® CanOpen Network	

\* Specify when ordering

## Options / Accessories

### Quick-Pit Frame

With our Quick-Pit frame, installing a PowerDeck™ floor scale in a pit is an easy, trouble-free process. Just level the frame in the pit and pour concrete to complete pit. After the concrete has cured, install the scale and anchor it. The result is a pit scale that is square and flush with the floor.



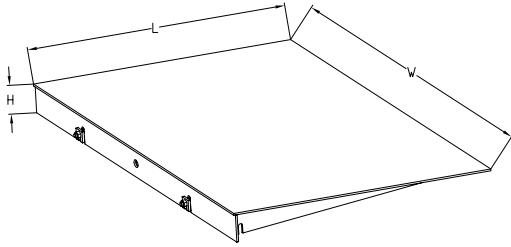
Model	Quick-Pit Frame 1000 x 1000	Quick-Pit Frame 1250 x 1000	Quick-Pit Frame 1500 x 1250	Quick-Pit Frame 1500 x 1500	Quick-Pit Frame 2000 x 1500	Quick-Pit Frame * 1500 x 1500	Quick-Pit Frame * 2000 x 1500	Quick-Pit Frame * 2000 x 2000	Quick-Pit Frame * 2500 x 2000
Dimensions	W (mm)	1096	1096	1346	1596	1596	1596	2096	2096
	L (mm)	1096	1346	1596	1596	2096	1596	2096	2596
	H (mm)	88				114			
Material	Painted carbon steel / Glass blast 304 Stainless steel								

\* Use for 104 mm platforms

## Options / Accessories

### Ramps

Ramps allow easy access from any side of a scale, eliminating the need to lift heavy loads onto the platform.

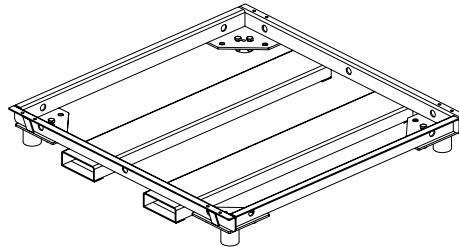


Model	Ramp 1000	Ramp 1250	Ramp 1500	Ramp 2000	*Ramp 1500	*Ramp 2000
Dimensions	W (mm)	1000	1250	1500	2000	2000
	H (mm)		78		104	
	L (mm)		745		1000	
Material	Painted Carbon Steel / Glass Blast Stainless Steel					
Top Plate	Smooth plate ( Carbon Steel ) / Smooth plate ( Stainless Steel )					

\* Use for 104 mm platforms

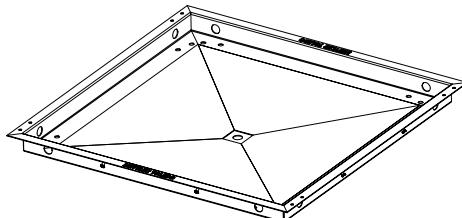
### Forklift Channel Frame

This frame makes it easy to move the scale with a forklift. Simply slide the forks into the channels and lift. The heavy-duty frame protects the scale from damage.



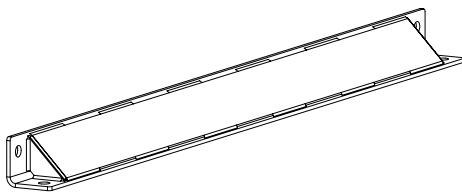
### Pit Liner

A Pit Liner keeps the pit cleaner and more sanitary.



### Scale Guard

Protect your scale from side-impact damage with scale guards. When a forklift hits the side of a scale, the impact can bend the scale's frame or damage its load cells. The angled guard prevents damage by deflecting the impact upward. Scale guards can be used on any or all sides of a floor scale.



#### METTLER TOLEDO Group

Industrial Division

Local contact: [www.mt.com/contacts](http://www.mt.com/contacts)



[www.mt.com/PowerDeck](http://www.mt.com/PowerDeck)

For more information

Subject to technical changes

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