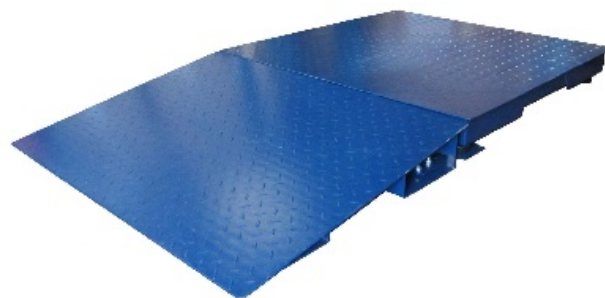


- European Build Quality For Additional Reliability And Longevity
- Low Height & Compact – Easily fits where space is limited
- Contain Dust Tight, Immersion Protected Shear Beam Load Cells
- Sand Blasted, Power Coated Platform Ensures Long Lasting Corrosion Protection
- Platforms Measuring 600mm By 600mm And Larger, Available



- Capacities: 0-150kg up to 0-3000kg
- Output: 2mV/V nominal
- Environmental Protection: IP66
- High Accuracy: $< \pm 0.1\% / RC$
- Stainless Steel Junction Box
- Durable 80mm High Rubber Feet

DESCRIPTION

The WP industrial weighing platform has been designed specifically for use in heavy workload, industrial environments and features high integrity IP67 stainless steel shear beam load cells, which offer superb accuracy. The decision to incorporate only the highest quality components and corrosion protection standards, ensures that the WP platform is suitable for frequent, 24 hour daily use. The weighing platform has an overall environmental protection rating of IP66.

Capacities from 0-150kg to 0-3000kg are available as standard in a number of platform sizes. Any WP industrial weighing platform can be supplied calibrated with a signal conditioner or digital display from our range of instrumentation to provide a complete weighing system.

TECHNICAL SPECIFICATIONS

Rated Capacity (RC)	kgf	0-150, 0-3000
Operating Modes	Compression Only	
Sensitivity (RO)	mV/V	2.0 nominal
Accuracy	$\pm\% / \text{Rated Output}$	< 0.1
Temperature Effect on Zero	$\pm\% / \text{Rated Output} / ^\circ\text{C}$	< 0.003
Temperature Effect on Sensitivity	$\pm\% / \text{Applied Load} / ^\circ\text{C}$	< 0.015
Bridge Resistance	Ohms	85 nominal
Excitation Voltage	Volts AC or DC	2 to 15 (10 recommended)
Operating Temperature Range	$^\circ\text{C}$	-10 to +60
Compensated Temperature Range	$^\circ\text{C}$	0 to +50
Storage Temperature Range	$^\circ\text{C}$	-10 to +60
Safe Overload	% of Rated Capacity	150
Ultimate Overload	% of Rated Capacity	300
IP Rating (Environmental Protection)		IP66
Cable Length (as standard)	metres	5
Cable Type		4-core screened
Construction Material		Powder-Coated Mild Steel

Standard Weighing Platform Sizes	Capacity Options x Resolution
600mm x 600mm	150kg x 0.05kg increments 300kg x 0.1kg increments 600kg x 0.2kg increments 1500kg x 0.5kg increments 3000kg x 1kg increments
800mm x 800mm	
1000mm x 1000mm	
1000mm x 1250mm	
1250mm x 1250mm	
1500mm x 1250mm	
1500mm x 1500mm	

ORDERING CODES & OPTIONS

Core Product	Platform Size (mm)	Capacity Options	Cable Length (m)	Specials Code	Example Result
WP	600 x 600	0-150, 0-300, 0-600, 0-1500, 0-3000	5	000	WP600-150kg-005-000
WP	800 x 800	0-150, 0-300, 0-600, 0-1500, 0-3000	5	000	WP800-150kg-005-000
WP	1000 x 1000	0-150, 0-300, 0-600, 0-1500, 0-3000	5	000	WP1000-150kg-005-000
WP	1250 x 1000	0-150, 0-300, 0-600, 0-1500, 0-3000	5	000	WP1210-150kg-005-000
WP	1250 x 1250	0-150, 0-300, 0-600, 0-1500, 0-3000	5	000	WP1212-150kg-005-000
WP	1500 x 1250	0-150, 0-300, 0-600, 0-1500, 0-3000	5	000	WP1512-150kg-005-000
WP	1500 x 1500	0-150, 0-300, 0-600, 0-1500, 0-3000	5	000	WP1500-150kg-005-000

RELATED PRODUCTS



Load Cell Digital Indicator | High Accuracy | Intuitive4-L
Highly configurable, modular construction



Load Cell Amplifier | Load Cell Signal Conditioner | SGA
Inputs from 0.06mV/V



USB Load Cell Interface | DSCUSB
100 Readings/Second max.



Miniature Load Cell Amplifier | In-Cell Amplifier | ICA



Handheld Load Cell Indicator | Digital Display | TR150



Large Digit Load Cell Display



T24 Wireless Telemetry

For pricing or any further information, please contact Omni Instruments Ltd.