PL.HRP HIGH RESOLUTION PLATFORMS

release date: 16-03-2018

PL.HRP, the series of professional high resolution weighing platforms, perfectly suits every single branch of industry requiring great weighing accuracy, precision and repeatability of measurement in challenging industrial environment. The PL.HRP series is your perfect workmate.

Data safety and archiving is assured by software dedicated for RADWAG terminals.

Features:

- ✓ Brand new design of an electromagnetic mechanism housed in a dustproof and waterproof casing
- ✓ Overload protection
- ✓ An in-built adjustment system equipped with an internal adjustment weight
- ✓ High IP rating for the platform, IP67
- ✓ Interfaces: RS 232 and Ethernet
- ✓ Cooperation with HY10, PUE 5.15, PUE 5.19 and PUE 7.1 terminal.

Technical specification:

	PL.16.HRP -	PL.32.HRP -	PL.60.HRP -	PL.120.HRP -
Max capacity [Max]	16 kg	32 kg	60 kg	120 kg
Minimum load [Min]	5 g	5 g	25 g	50 g
Reading unit [d]	0,1 g	0,1 g	0,5 g	1 g
Tare range	-16 kg	-32 kg	-60 kg	-120 kg
Preload range	4 kg	4 kg	30 kg	10 kg
Repeatability *	0,1 g	0,1 g	0,3 g	0,6 g
Linearity	± 0,1 g	± 0,3 g	± 1 g	± 1 g
Weighing pan	360 × 280 mm	360 × 280 mm	500×500 mm	500×500 mm
Working temperature	+10° ÷ +40 °C			
Relative humidity **	40% ÷ 80%			
IP rate	IP 66/67 construction			
Housing	Balance base: powder-coated aluminium, weighing pan: stainless steel		Construction: Plastic-coated steel, Weighing pan: stainless steel	
Stabilization time ***	~ 2 s		~ 3 s	
Sensitivity drift	2 ppm/°C in temperature +10° ÷ +40°C			
Standard interfaces	RS232, Ethernet, 2×IN, 2×OUT			
Optional interfaces	PROFIBUS**** lub RS485, 4×IN, 4×OUT****			
Communication procotols	RADWAG, Text ASCII, MODBUS			
Power supply	100÷240 V AC 50÷60 Hz			
Adjustment	internal			
Net weight / Gross weight	14,6 kg / 18,5 kg		37 kg / 47 kg	
Platform dimensions	365×312×138,5 mm		513×500×150 mm	
Platform packaging dimensions	550×463×350 mm		700×700×295 mm	

* - Repeatability is expressed as a standard deviation from 10 weighing cycles

** - Non-condensing conditions

*** - Optimal ambient conditions

**** - Interface installed instead of Ethernet and IN/OUT interfaces (optional configuration: RS232 + PROFIBUS or RS232 + RS485 + 4xIN + 4xOUT)

Technical specification:

	PL.150.HRP	PL.300.HRP	PL.300.1.HRP	PL.600.HRP	PL.1100.HRP
	-	-	-	-	-
Max capacity [Max]	150 kg	300 kg	300 kg	600 kg	1100 kg
Minimum load [Min]	50 g	100 g	100 g	250 g	500 g
Reading unit [d]	1 g	2 g	2 g	5 g	10 g
Tare range	-150 kg	-300 kg	-300 kg	-600 kg	-1100 kg
Preload range	30 kg	60 kg	60 kg	60 kg	100 kg
Repeatability *	1,5 g	3 g	3 g	7,5 g	15 g
Linearity	± 3 g	± 6 g	± 6 g	± 15 g	± 30 g
Weighing pan	800 × 600 mm	800 × 600 mm	1000 × 800 mm	1000 × 800 mm	1000 × 800 mm
Working temperature	+10° ÷ +40 °C				
Relative humidity **	40% ÷ 80%				
IP rate	IP 66/67 construction				
Housing	Construction: Plastic-coated steel, Weighing pan: stainless steel				
Stabilization time ***	~ 3 s				
Sensitivity drift	2 ppm/°C in temperature +10° ÷ +40°C				
Standard interfaces	RS232, Ethernet, 2×IN, 2×OUT				
Optional interfaces	PROFIBUS**** lub RS485, 4×IN, 4×OUT****				
Communication procotols	RADWAG, Text ASCII, MODBUS				
Power supply	100÷240 V AC 50÷60 Hz				
Adjustment	internal				
Net weight / Gross weight	71,5 kg / 119 kg		126 kg / 160 kg		
Platform dimensions	808×600×173 mm		1011×800×175 mm		
Platform packaging dimensions	1000×800×307 mm		1200×1000×328 mm		

* - Repeatability is expressed as a standard deviation from 10 weighing cycles

** - Non-condensing conditions

*** - Optimal ambient conditions

**** - Interface installed instead of Ethernet and IN/OUT interfaces (optional configuration: RS232 + PROFIBUS or RS232 + RS485 + 4xIN + 4xOUT)

Technical specification:

	PL.2000.HRP
	-
Max capacity [Max]	2000 kg
Minimum load [Min]	1000 g
Reading unit [d]	20 g
Tare range	-2000 kg
Preload range	200 kg
Repeatability *	30 g
Linearity	± 60 g
Weighing pan	1250 × 1000 mm
Working temperature	+10° ÷ +40 °C
Relative humidity **	40% ÷ 80%
IP rate	IP 66/67 construction
Housing	Construction: Plastic-coated steel, Weighing pan: stainless steel
Stabilization time ***	~ 3 s
Sensitivity drift	2 ppm/°C in temperature +10° ÷ +40°C
Standard interfaces	RS232, Ethernet, 2×IN, 2×OUT
Optional interfaces	PROFIBUS**** lub RS485, 4×IN, 4×OUT****
Communication procotols	RADWAG, Text ASCII, MODBUS
Power supply	100÷240 V AC 50÷60 Hz
Adjustment	internal
Net weight / Gross weight	290 kg / 415 kg
Platform dimensions	1250×1000×235 mm
Platform packaging dimensions	1500×1250×613 mm

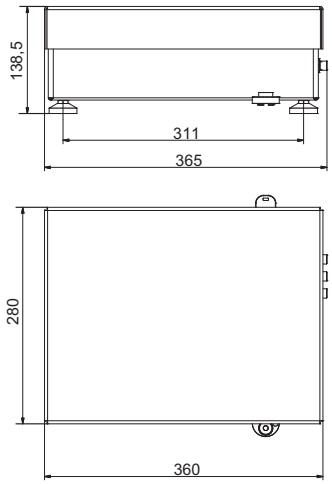
* - Repeatability is expressed as a standard deviation from 10 weighing cycles

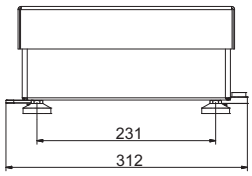
** - Non-condensing conditions

*** - Optimal ambient conditions

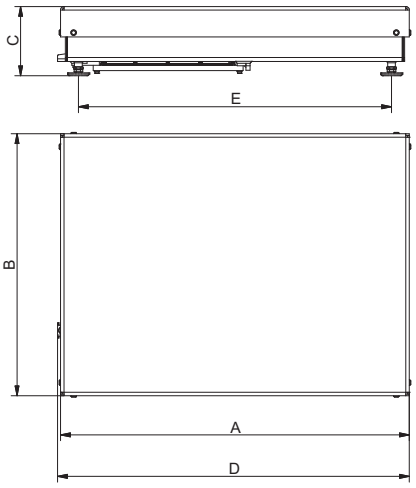
**** - Interface installed instead of Ethernet and IN/OUT interfaces (optional configuration: RS232 + PROFIBUS or RS232 + RS485 + 4xIN + 4xOUT)

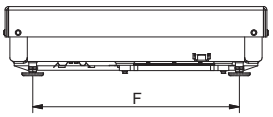
Dimensions:





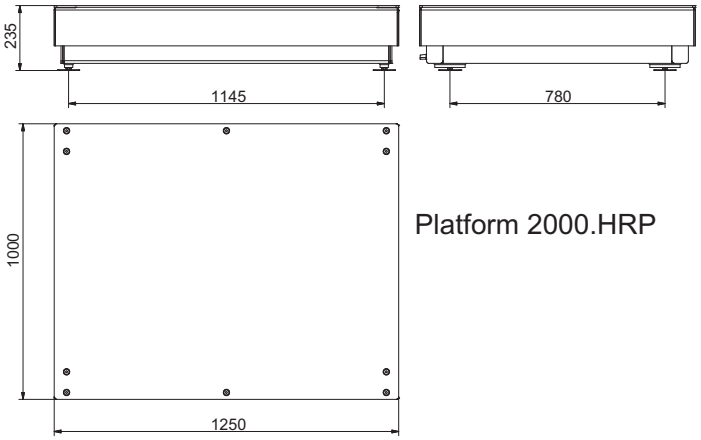
Platforms:
PL.16.HRP
- PL.32.HRP





Platforms:
PL.60.HRP
- PL.1100.HRP

Model	A	B	C	D	E	F
PL.60.HRP	500	500	147	513	448	400
PL.120.HRP	500	500	147	513	448	400
PL.150.HRP	800	600	159	809	720	475
PL.300.HRP	800	600	164	809	720	475
PL.300.1.HRP	1000	800	176	1011	926	611
PL.600.HRP	1000	800	176	1011	926	611
PL.1100.HRP	1000	800	176	1011	926	611



Platform 2000.HRP

Additional equipment:

Terminal HY10 / PUE 5 / PUE 7.1	Adjustment Weight
"MWMH Manager" PC Software	RS 232 cable (balance - computer) "P0259"
Mass Standard	