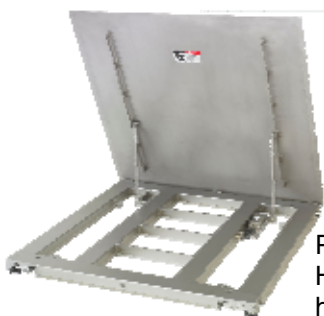


PFA579(x)lift
robust & reliable



PFA779lift
Hygienic &
hermetically sealed

Union between functionality & cleanability

These floor scales with hinged load plate have the certain something

- Elaborated and sophisticated design – the best solution for wash-down use
- A very convincing folding mechanism – concerning safety regulations, safe handling and healthy aspects (kind to your back)
- Hygienic and impermeable – for easy and residue-free cleaning (PFA779lift)
- Options and accessories – for high adaptability to the most different requirements
- High-grade material and components – for long and reliable use
- Rugged and solid – to withstand even hardest conditions
- Best metrology – high precision load cells with integrated overload stop

Standard Configuration / Base Model

Floor scales design	Platform with raisable load plate, smooth surface, full floating, mounted on fee						
Resolution	1 x 3000e Single Range						
Interface	analog						
Load cell	Stainless steel strain gauge load cell with overload protection						
Connection cable	5 m						
Protection level	IP68						
Range of application	<table border="0"> <tr> <td>PFA579lift</td> <td>heavy wash-down Safe area or zone 2/22</td> </tr> <tr> <td>PFA579xlift</td> <td>heavy wash-down zone 1/21</td> </tr> <tr> <td>PFA779lift</td> <td>heavy wash-down hygienic sensitive safe area or zone 2/22</td> </tr> </table>	PFA579lift	heavy wash-down Safe area or zone 2/22	PFA579xlift	heavy wash-down zone 1/21	PFA779lift	heavy wash-down hygienic sensitive safe area or zone 2/22
PFA579lift	heavy wash-down Safe area or zone 2/22						
PFA579xlift	heavy wash-down zone 1/21						
PFA779lift	heavy wash-down hygienic sensitive safe area or zone 2/22						
Material platform + load plate	V2A / AISI304						
Surface quality	<table border="0"> <tr> <td>Standard</td> <td>Ra < 5µm</td> </tr> <tr> <td>Optional*</td> <td>Ra < 1µm</td> </tr> </table>	Standard	Ra < 5µm	Optional*	Ra < 1µm		
Standard	Ra < 5µm						
Optional*	Ra < 1µm						

* only load plate

Approvals

Metrology	OIML Klasse III						
Temperature range	-10°C bis +40°C for verification class III						
IP protection	analog: IP68 IDNet: IP66 / 68						
Ex-approvals	<table border="0"> <tr> <td>PFA579lift</td> <td>categorie 3GD</td> </tr> <tr> <td>PFA579xlift</td> <td>categorie 2GD</td> </tr> <tr> <td>PFA779lift</td> <td>categorie 3GD</td> </tr> </table>	PFA579lift	categorie 3GD	PFA579xlift	categorie 2GD	PFA779lift	categorie 3GD
PFA579lift	categorie 3GD						
PFA579xlift	categorie 2GD						
PFA779lift	categorie 3GD						
Electromagn. compatibility	10V/m immunity						
GMP	Certified by Steinbeis Transfer Zentrum						

Portfolio

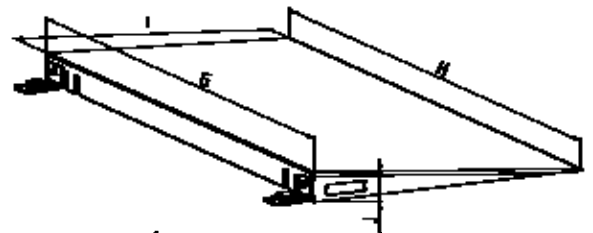
DS 1000x1000mm	300, 600, 1500 kg
D 1250x1000mm	300, 600, 1500, 3000 kg
E 1500x1250mm	300, 600, 1500, 3000 kg
ES 1500x1500mm	300, 600, 1500, 3000 kg
FL 800x800mm – 1000x1000mm	300, 600, 1500 kg
FM 800x800mm – 1500x1500mm	300, 600, 1500, 3000 kg

Dimensions [mm]

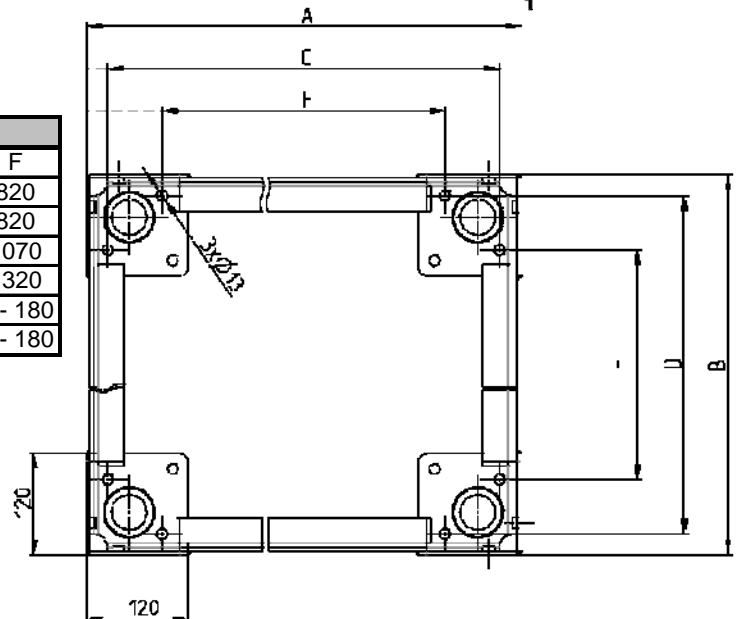
Platform						
	A	B	C	D	E	F
DS	1000	1000	899	899	∅ 40	80
D	1250	1000	1149	899	∅ 40	80
E	1500	1250	1399	1149	∅ 40	80
ES	1500	1500	1399	1399	∅ 40	80
FL	800-1000	800-1000	A - 101	B - 101	∅ 40	80
FM	800-1500	800-1500	A - 101	B - 101	∅ 40	80



Ramps				
	G	H	I	J
Ramp 1000	1000	1150	830	85
Ramp 1250	1250	1400	830	85
Ramp 1500	1500	1650	830	85
Ramp up to 1000	800 -1000	G + 150	830	85
Ramp up to 1500	1001-1500	G + 150	830	85



Installation frame and QuickPit PFA						
	A	B	C	D	E	F
DS	1000	1000	950	950	820	820
D	1250	1000	1200	950	1070	820
E	1500	1250	1450	1200	1320	1070
ES	1500	1500	1450	1450	1320	1320
FL	700-1000	400-1000	A - 50	B - 50	A - 180	B - 180
FM	1000-1500	1000-1500	A - 50	B - 50	A - 180	B - 180



Shipping weight [kg]

	DS	D	E	ES
	1000x1000mm	1250x1000mm	1500x1250mm	1500x1500mm
	gross / net [kg]	gross / net [kg]	gross / net [kg]	gross / net [kg]
PFA579(x)lift*	112/100	135/120	189/172	225/205
PFA779lift*	121/109	144/129	207/190	238/218
installation frame	-/11	-/15	-/17	-/20

*smooth load plate

Metrological Characteristics

		PFA57. DS/D/E/E/ES/FL/FM					
Maximum capacity		kg	300	600	1500	3000	
e1/Max1		kg	0,1/300	0,2/600	0,5/1500	1,0/3000	
Minimum Capacity		kg	2	4	10	20	
Zero Setting Range		kg	+/- 6	+/- 12	+/- 30	+/- 60	
Preload Range		kg	-6...+54	-12...+108	-30...+270	-60...+540	
Taring Range		kg	0 - Höchstlast				
max Preload		kg	400	1400 ¹	2500 ²	1200	
Max. Static Safe Load							
	Central	kg	3500	3500	4500	4500	
	Side	kg	2300	2300	3000	3000	
	Corner	kg	1150	1150	1500	1500	
Weighing Accuracy							
	Repeatability (s)	1x3000e	kg	0,04	0,06	0,15	0,3
		1x6000e SR 2x3000e MI 3x3000e MR	kg	0,02	0,03	0,07	0,15
	Linearity (typ)	1x3000e	kg	0,05	0,1	0,2	0,4
		1x6000e SR 2x3000e MI 3x3000e MR	kg	0,03	0,05	0,1	0,2
	corner load (1/3 max.) (typ.) +/-	1x3000e	kg	0,07	0,14	0,35	0,7
		1x6000e SR 2x3000e MI 3x3000e MR	kg	0,04	0,07	0,14	0,4
Protection Class	PFA574		IP68				

1 3x3000eMR reduces the preload to 120kg

2 3x3000eMR reduces the preload to 500kg

Options

	DS	D	E	ES	FL	FM	
	all in mm 1000x1000		1250x1000	1500x1250	1500x1500	800x800- 1000x1000	800x800- 1500x1500
Capacity							
	300kg	•	•	•	•	•	
	600kg	•	•	•	•	•	
	1500kg	•	•	•	•	•	
	3000kg	•	•	•	•	•	
Surface load plate							
	smooth			Standard			
	pattern			•			
	grind			•			
Material load plate							
	stainless steel (AISI304)			Standard			
	stainless steel (AISI316)			•			
Material paltform frame							
	stainless steel (AISI304)			Standard			
	stainless steel (AISI316)			•			
Installation options							
	platform directly on feet			Standard			
	with installation frame			•			
Resolution							
	1x3000e			Standard			
	2x3000e MR			•			
	2x3000e MI			•			
	1x6000e			•			
	3x3000e MR			• ¹			
Interface							
	analog			Standard			
	digital (IDNet first step approved)			•			
	digital (IDNet second step approved)			•			
Connecting cable							
	5 m			Standard			
	10 m			•			
	20 m ²			•			

1) 300kg/3 x 3000 eMR is not possible, 600kg/3 x 3000 eMR up to 1250 x 1000mm only;

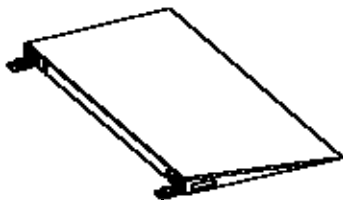
2) not available for PFA579xlift

Accessories

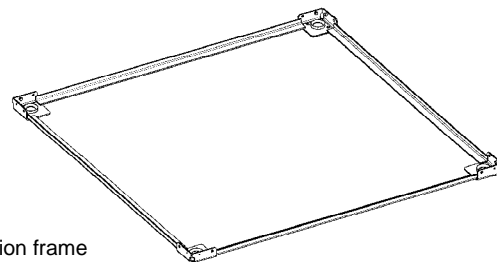
Ramp, stainless steel (AISI304 / V2A), smooth surface	
Width 1000mm	22016731
Width 1250mm	22016732
Width 1500mm	22016733
Ramp F, Width < 1000mm	22016734
Ramp F, Width > 1000mm	22016735
Option: pattern surface	22016736
Option: ground surface	22019491
Ramp, stainless steel (AISI316 / V4A), smooth surface	
Width 1000mm	22019481
Width 1250mm	22019482
Width 1500mm	22019483
Ramp F, Width < 1000mm	22019484
Ramp F, Width > 1000mm	22019485
Option: pattern surface	22016736
Option: ground surface	22019491
Installation frame stainless steel (AISI304 / V2A)	
Size DS (1000x1000mm)	22019457
Size D (1250x1000mm)	22019458
Size E (1500x1250mm)	22019459
Size ES (1500x1500mm)	22019460
Size FL (800x800m - 1000x1000mm)	22019462
Size FM (800x800mm - 1500x1500mm)	22019463
Installation frame stainless steel (AISI316 / V4A)	
Size DS (1000x1000mm)	22019465
Size D (1250x1000mm)	22019466
Size E (1500x1250mm)	22019467
Size ES (1500x1500mm)	22019468
Size FL (800x800m - 1000x1000mm)	22019470
Size FM (800x800mm - 1500x1500mm)	22019471

Pit frame, stainless steel (AISI304 / V2A), completely installed	
Size DS (1000x1000mm)	22016693
Size D (1250x1000mm)	22016694
Size E (1500x1250mm)	22016695
Size ES (1500x1500mm)	22016696
Size FL (800x800m - 1000x1000mm)	22016698
Size FM (800x800mm - 1500x1500mm)	22016699
Pit frame, stainless steel (AISI316 / V4A), completely installed	
Size DS (1000x1000mm)	22019473
Size D (1250x1000mm)	22019474
Size E (1500x1250mm)	22019475
Size ES (1500x1500mm)	22019476
Size FL (800x800m - 1000x1000mm)	22019478
Size FM (800x800mm - 1500x1500mm)	22019479
Corner plates, set consisting of 2 pieces	
Stainless steel (AISI304)	22016703
Stainless steel (AISI316)	22019492

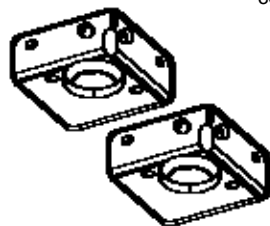
IDNet accessories	
Connection cable extension , 10 m long, pluggable at both ends, for remote positioning of the IDNet terminal	00504134
Connector set , for continuous extension of the connecting cable to 100 m, with two terminal boxes. Box at terminal end with connecting cable 2. 5 m long	00504133
Special cable from the spool , in combination with the connector set for continuous extension of the connecting cable for IDNet-Terminals.	00504177



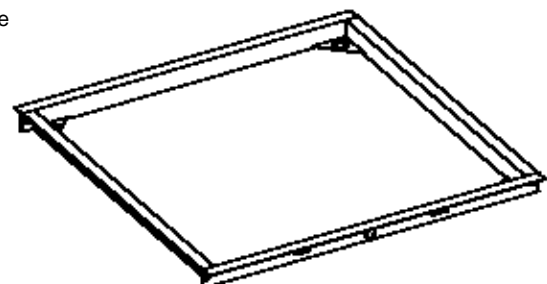
ramp



installation frame



corner plates



pit frame