

PMF
1250PMF
6300

Option: Guide castors

ELECTRIC TROLLEY | **PMF**

Motorised trolleys for steel girders,
load capacities: up to 6,300 kg

- 3 × 400 V / 50 Hz, 3 × 230 V / 50 Hz
- 1 × 115 V / 50 Hz, 1 × 230 V / 50 Hz
- Control 42 V low voltage
- 3-phase motor (3 Ph): 1 or 2 speeds
- 1-phase motor (1 Ph): 1 speed
- Protection class IP54
- Side plates and castors made of grey cast iron
- Castors for flat running surface (IPE/HEA/HEB)
- Flange width infinitely adjustable
- Galvanised support bolt
- Fall and climbing protection
- Ergonomic 4-button control switch with emergency stop
- Control switch with external strain relief
- Isolation class F (Motor)
- DC spring-applied brake
- Optionally with travelling limit switch
- Optionally with radio control
- Optionally available with crowned rollers
- Optional food grade grease
- Optional guide rollers

TYPE	Capacities in kg acc. ISO (FEM)*					Driving speed m/min. 50 Hz	Min, Curve radius mm	Motor power kW	3 × 400 V 50 Hz A	Weight kg	Flange width mm	Order No.	Flange size width mm	Order No.**
	A3/ M3	A4/ M4	A5/ M5	A6/ M6	A6/ M6									
PMF 1250/NF	1,250	1,000	800	630	500	12/4	1,000	0.15/0.045	0.65/0.75	30	70 - 140	H20804	70 - 240	H20745
PMF 1250/SF	1,250	1,000	800	630	500	24/6	1,000	0.3/0.075	1.0/0.9	30	70 - 140	H20805	70 - 240	H20745
PMF 1250/N	1,250	1,000	800	630	500	12	1,000	0.25	0.8	30	70 - 140	H20806	70 - 240	H20745
PMF 1250/N 1Ph	1,250	1,000	800	630	500	12	1,000	0.25	1.0 (1x230 V)	30	70 - 140	H20807	70 - 240	H20745
PMF 2500/NF	2,500	2,000	1,600	1,250	1,000	12/4	1,500	0.15/0.045	0.65/0.75	38	88 - 200	H20809	88 - 300	H20746
PMF 2500/SF	2,500	2,000	1,600	1,250	1,000	24/6	1,500	0.3/0.075	1.0/0.9	38	88 - 200	H20810	88 - 300	H20746
PMF 2500/N	2,500	2,000	1,600	1,250	1,000	12	1,500	0.25	0.8	38	88 - 200	H20811	88 - 300	H20746
PMF 2500/N 1Ph	2,500	2,000	1,600	1,250	1,000	12	1,500	0.25	1.0 (1x230 V)	38	88 - 200	H20812	88 - 300	H20746
PMF 4000/NF	4,000	3,200	2,500	-	-	12/4	1,800	0.15/0.045	0.65/0.75	55	91 - 300	H20814	-	-
PMF 4000/SF	4,000	3,200	2,500	-	-	24/6	1,800	0.3/0.075	1/0.9	55	91 - 300	H20815	-	-
PMF 5000/NF	5,000	4,000	3,200	2,500	2,000	12/4	1,800	2 × 0.15/0.045	2 × 0.65/0.75	63	91 - 300	H20816	-	-
PMF 5000/SF	5,000	4,000	3,200	2,500	2,000	24/6	1,800	2 × 0.3/0.075	2 × 1.0/0.9	63	91 - 300	H20817	-	-
PMF 6300/NF	6,300	5,000	4,000	3,200	2,500	12/4	1,800	2 × 0.15/0.045	2 × 0.65/0.75	78	91 - 300	H20818	-	-
PMF 6300/SF	6,300	5,000	4,000	3,200	2,500	24/6	1,800	2 × 0.3/0.075	2 × 0.3/0.075	78	91 - 300	H20819	-	-

* ISO (FEM) classification: Number of actuations on the control switch per hour: A3(M3) = 150 actuations per hour, 25 % duty cycle, A4(M4) = 180 actuations per hour, 30 % duty cycle
A5(M5) = 240 actuations per hour, 40 % ED, A6(M6) = 300 actuations per hour, 50 % ED, A7(M7) = 360 actuations per hour, 60 % ED

**Bolt sets without trolley