



ELECTRIC TROLLEY | **PMFR**

Corrosion-resistant motorised trolley for steel beams,
Load capacities: up to 1,250 kg

Features:

- Load capacity: 630 - 1,250 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 IP65
- Ergonomic 4-button control switch with emergency stop
- Control switch with external strain relief
- Insulation class F (motor)
- DC spring-applied brake
- Cataphoresis-coated side plates, resistant to water, oils, weak alkalis and acids, with fall and climbing protection
- Corrosion-resistant steel castors
- Corrosion-resistant support pins
- Flange width infinitely adjustable
- Control box cataphoresis-coated with easily accessible connections
- Gear grease suitable for foodstuffs

Accessories and options:

- Trolleys in ATEX design
- Direct control, special control
- Radio control
- Ideal control
- Frequency inverter
- Operating and control voltages for worldwide use
- Special speeds on request
- Support rollers for cornering
- Crowned rollers made of corrosion-resistant steel
- Plastic rollers
- Special support pins for special flange width ranges
- Temperature monitoring to prevent the motor from overheating
- Counterweight can be extended modularly

TYPE	Capacity in kg according to 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 width size mm	Order No.**
	A4/ M4	A5/ M5	A6/ M6	A7/ M7	A7/ M7									
PMFR 1250/NF	630	500	400	320	250	12/4	1,200	0.15/0.045	0.65/0.75	30	70 - 140	H21402	70 - 240	H21410
PMFR 1250/SF	630	500	400	320	250	24/6	1,200	0.3/0.075	1.0/0.9	30	70 - 140	H21403	70 - 240	H21410
PMFR 1250/N	630	500	400	320	250	12	1,200	0.25	0.8	30	70 - 140	H21404	70 - 240	H21410
PMFR 1250/N 1Ph	630	500	400	320	250	12	1,200	0.25	1.0 (1x 230 V)	30	70 - 140	H21405	70 - 240	H21410
PMFR 2500/NF	1,250	1,000	800	630	500	12/4	1,500	0.15/0.045	0.65/0.75	38	88 - 200	H21406	88 - 300	H21411
PMFR 2500/SF	1,250	1,000	800	630	500	24/6	1,500	0.3/0.075	1.0/0.9	38	88 - 200	H21407	88 - 300	H21411
PMFR 2500/N	1,250	1,000	800	630	500	12	1,500	0.25	0.8	38	88 - 200	H21408	88 - 300	H21411
PMFR 2500/N 1Ph	1,250	1,000	800	630	500	12	1,500	0.25	1.0 (1x 230 V)	38	88 - 200	H21409	88 - 300	H21411

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

** Bolt sets without trolley

