Electric rope winch



MADE IN GERMANY

Available at short notice

ELECTRIC ROPE WINCH | **PFW-C**

With four load capacities of 250, 500, 1,000 and 2,000 kg, this electric rope winch is one of the most modern devices for pulling, lifting and moving loads. It is approved as a lifting and pulling winch for material transport in accordance with DGUV regulation 54 (D8). Its extensive basic equipment makes it suitable for almost any application. The high duty cycle enables almost uninterrupted use under the toughest conditions.

Standard equipment:

- Disk brake and spur gear motor
- Grooveddrum
- Safety contactor control with low control voltages
- Electric overload protection (over 1,000 kg load capacity)
- Pendant remote control with 3 m cable
- Power supply cable with 3 m cable
- Documentation in German or English
- Test certificate and EC installation declaration

Technical data:

- Operating voltage 3 Phases / 400 Volt / 50 Hz or 1 Phases / 230 Volt / 50 Hz (alternating current)
- Duty cycle 60% (reference cycle 10 min.)
- Up to 150 starts per hour
- Protection class: IP 55 (jet-water from all sides)
- FEM classification: M3 (1Bm) (e.g. 10 years one hour daily with medium loads)

Winch control system

The contactor control with a control voltage of 24 VAC combines a lot of safety devices in a compact housing. The use of an extra-low contactor voltage provides protection against dangerous contact voltage in the event of a fault (e.g. damage to the control cable to the control cylinder). Mains monitoring prevents unsafe conditions in the unsafe conditions in the event of a power supply fault.

Optional equipment:

- Lifting- or pulling rope with security hook
- Operational limit switch
- Protective drum cover
- Drum pressure roller
- CE-Label by full equipment

info

Made in Germany.

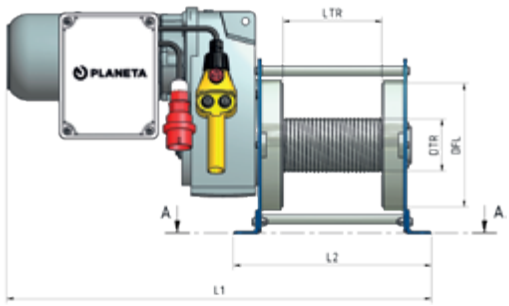
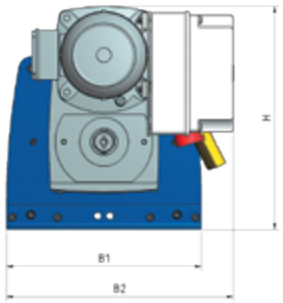
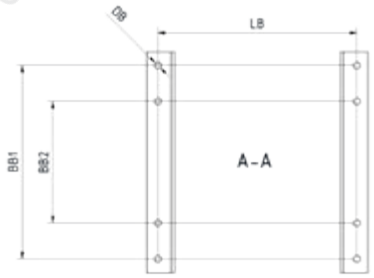
The PFW range combines a modern design, innovative technology and superlative components, which are produced exclusively in Germany. Prior to shipping, each winch is tested dynamically with 125% of the nominal load and leaves our factory with a 24 month guarantee.

PRO-LIFT SOLUTIONS

Basic design

TYPE	PFW-C ...	250	500	990	2000
Lifting capacity in 1st rope layer to max. hoisting-/pulling distance	kg/m	250/7	500/7	990/6	2.000/5
Lifting capacity in 2nd rope layer to max. hoisting-/pulling distance	kg/m	220/16	440/16	865/16	1,750/14
Lifting capacity in 3rd rope layer to max. hoisting-/pulling distance	kg/m	195/27	390/27	770/26	1,550/24
Lifting capacity in 4th rope layer to max. hoisting-/pulling distance	kg/m	175/38	350/39	695/39	1,400/35
Lifting capacity in 5th rope layer to max. hoisting-/pulling distance	kg/m	160/51	320/52	630/51	1,270/48
Lifting capacity in 6th rope layer to max. hoisting-/pulling distance	kg/m	145/65	295/65	580/65	1,165/61
Lifting capacity in 7th rope layer to max. hoisting-/pulling distance	kg/m	135/81	270/81	535/80	1,075/75
Rope diameter	mm	5	6	8	12
Required rope length remaining on drum	m	1.0	1.2	1.6	2.4
Rope speed 1st rope layer	approx. m/min	8	8	8	8 (4)*
Rope speed 2nd rope layer	approx. m/min	9	9	9	9 (4)*
Rope speed 3rd rope layer	approx. m/min	10	10	10	10 (5)*
Rope speed 4th rope layer	approx. m/min	11	11	11	11 (5)*
Rope speed 5th rope layer	approx. m/min	12	12	12	12 (6)*
Rope speed 6th rope layer	approx. m/min	13	13	13	13 (6)*
Rope speed 7th rope layer	approx. m/min	14	14	14	14 (7)*
Motor power	kW	0.37	0.75	1.5	2.6 (1,5)*
PFW-C with 400 V	**Order No.**	**H62100**	**H62110**	**H62130**	**H62150**
PFW-C with 230 V (*)	**Order No.**	**H62109**	**H62119**	**H62139**	**H62159**
OPTIONS					
Protective drum cover	**Order No.**	**H62840**	**H62841**	**H62843**	**H62845**
Operational limit switch	**Order No.**	**H62861**	**H62861**	**H62862**	**H62863**
Drum pressure roller	**Order No.**	**H62850**	**H62851**	**H62853**	**H62855**
Pulling rope not rotation-resistant with eye hook 8 m**	**Order No.**	**C62101**	**C62111**	**C62131**	**C62151**
Additional pulling rope per m	**Order No.**	**C05619**	**C06619**	**C08619**	**C12636**
Hoisting rope rotation resistant with swivel hook 8 m**	**Order No.**	**C62102**	**C62112**	**C62132**	**C62152**
Additional hoisting rope per m	**Order No.**	**C05177**	**C06177**	**C08177**	**C12177**

Dimensions and weights of the standard designs (Special equipment may vary).

TYPE	PFW-C ...	250	500	990	2000
					
L1	mm	740	770	860	1,000 (1,050)*
L2	mm	360	360	400	470
B1	mm	270	320	400	550
B2	mm	380	420	470	550
H	mm	315	355	460	620
LTR	mm	200	200	200	200
DTR	mm	65	80	105	155
DFL	mm	155	190	250	370
LB	mm	330	330	360	420
BB1	mm	220	250	350	500
BB2	mm	-	-	220	320
DB	mm	11	12	12	16
Weight without accessories	approx. kg	40	65	110	240 (250)*

** Rope supplied loose as a coil