



Manual winch with spur gear drive model MWS

Capacity 150 - 1500 kg

For the operation where no electricity is available or in a dirty environment.

Recommended rope diameter according to DIN 3060 FE-znk 1770 sZ-spa.

Features

- Enclosed gear drive for protection of internal parts, even under tough working conditions.
- Spur gears on roller bearings, rope drum on plain bearings.
- Compact design.
- Easy and quick mounting onto walls, poles etc.
- They have a self-locking, anti-kickback and adjustable crank handle for fast lifting of smaller loads, resulting in lowest possible handle effort and rapid winding of the rope.
- Automatic load pressure brake for safe holding and extremely sensitive lowering of the load. Unintentional brake release is prevented even with swinging loads.
- They are suitable for operation in ambient temperatures of -20 °C up to +40 °C.

Option

- Corrosion resistant version.

INFO

For a better guiding of the rope to the suspension point we recommend the use of sheaves or sheave blocks, please see page 79.

Pfaff winches are not designed for passenger elevation applications and must not be used for this purpose.

Technical data model MWS

Model	EAN-No. 4025092* 4053981**	Capacity 1 st layer	Capacity top layer	Crank effort 1 st layer	Lift per crank rotation 1 st layer mm	Lift per crank rotation top layer mm	Weight without rope	Rope diameter	Useable rope length 1 st layer m	Useable rope length max. m	Number of layers max.
		kg	kg	daN	mm	mm	kg	mm	m	m	
MWS 150	*635356	150	68	11	122	210	4	4 ²	0.8	13	8
MWS 300	*635363	300	166	6	32	44	10	5 ²	1.8	21	7
MWS 600	*635370	600	308	10	28	41	11	6 ²	1.2	12	6
MWS 1000	**790718	1000	587	11	20	27	27	9 ²	3.0	25	5
MWS 1500	**790732	1500	844	12	14	19	27.5	10 ²	2.7	21	5

²recommended rope: DIN 3060 FE-znk 1770 sZ-spa

Dimensions model MWS

Model	MWS 150	MWS 300	MWS 600	MWS 1000	MWS 1500
A, mm	65	200	200	219	219
B, mm	168	300	300	250	250
C, mm	128	268	268	212	212
D, mm	40	168	168	150	150
E, mm	303	318	318	484	484
F, mm	-	-	-	250	250
G, mm	26	-	-	30	30
H, mm	41	55	55	113	113
I, mm	-	-	-	170	170
Ø J, mm	35	70	60	102	102
K, mm	9	12	12	17	17
Ø L, mm	102	145	145	212	212
M, mm	168	182	182	130	130
N, mm	89	199	199	338	338
O, mm	92	96	96	44	44
P, mm	-	-	-	104	104
Q, mm	-	-	-	190	190
S, mm	129	129	129	129	129

