Wall-mounted winch model SW-W

Capacity 80 - 750 kg

Wall-mounted rope winches of the SW-W model range are intended for fixed stationary mounting inside a building. The steel wire rope is guided to the required suspension point of the load by means of deflection sheaves.

Features

- Robust aluminium housing for models SW-W 80 and SW-W 125, proven steel plate design for models SW-W 300 - 750.
- Spur gear drive for optimal efficiency and comfortable handling. Direct drive for loads up to 125 kg.
- The low-noise safety spring brake safely holds the load in every position.
- Removable hand crank for models SW-W 80 and SW-W 125, foldable crank for models SW-W 300 - 750.
- Easy and quick mounting onto walls.



80 - 125 kg



300 - 750 kg

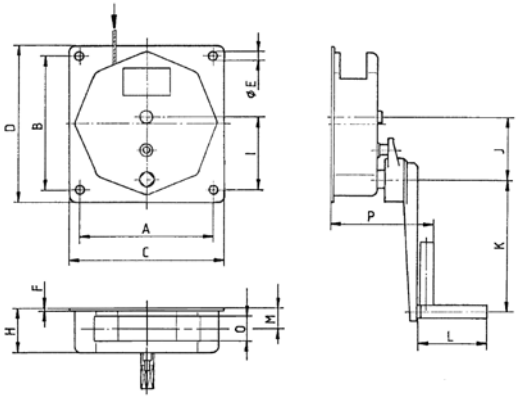
Technical data model SW-W

Model	EAN-No. 4025092*	Capacity 1st layer kg	Capacity top layer kg	Drum diameter mm	Rope diameter mm	Useable rope length 1st layer m	Useable rope length top layer m	Lift per crank rotation mm	Required crank effort daN	Weight without rope kg
SW-W 80	*984638	80	45	51	3 [1]	2.4	30	170	12	3
SW-W 125	*686235	125	65	40	4 [1]	2	12	138	13	3
SW-W 300	*990509	300	220	108	5 [2]	2.1	15	68	15	10
SW-W 500	*984669	500	350	108	6 [2]	2.4	15	35	13	11
SW-W 750	*984508	750	550	108	7 [2]	2	10	35	20	11

[1] recommended rope: DIN 3055 FE-znk 1770 sZ-spa
[2] recommended rope: DIN 3060 FE-znk 1770 sZ-spa

Dimensions model SW-W

Model	SW-W 80	SW-W 125	SW-W 300	SW-W 500	SW-W 750
EAN-No.	*984638	*686235	*990509	*984669	*984508
A, mm	110	110	250	250	250
B, mm	110	110	250	250	250
C, mm	130	130	290	290	290
D, mm	130	130	290	290	290
Ø E, mm	9	9	14.5	14.5	14.5
F, mm	15	15	2	2	2
H, mm	121	121	85	85	85
I, mm	55	55	138	138	138
J, mm	–	–	117	117	117
K, mm	250	250	250	250	250
L, mm	130	130	130	130	130
M, mm	68	68	39	39	39
O, mm	60	60	50	50	50
P, mm	275	275	192	192	192





Wall-mounted winch model SW-W ALPHA

Capacity 300 - 1000 kg

A versatile wall-mounted winch for an easy lifting of loads.

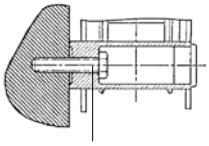
Features

- Light weight robust stamped steel housing and compact design.
- Spur gear drive for optimal efficiency and comfortable handling.
- Rope lead-offs to all directions.
- All parts are zinc-plated for increased corrosion protection, drum with additional special coating.
- Integrated crank with load pressure brake for safe holding of the load.
- Easy and quick mounting onto walls.

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.

View x
M 1:2.5



Fastening screws
to be fastened with M12
bolts quality class 8.8
(not included)

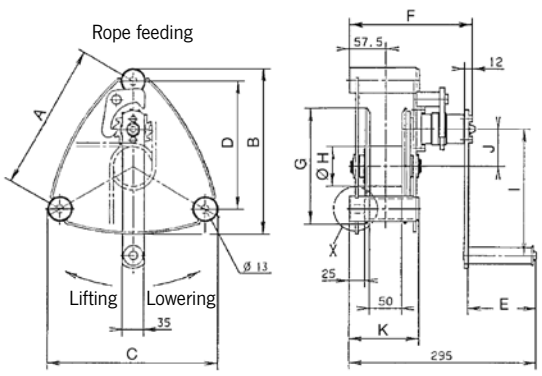
Technical data model SW-W ALPHA

Model	EAN-No. 4050939***	Capacity 1st layer kg	Capacity top layer kg	Drum length mm	Rope diameter mm	Useable rope length 1st layer m	Useable rope length top layer m	Lift per crank rotation mm	Required crank effort daN	Weight without rope kg
SW-W ALPHA 300	***050917	300	130	50	5 [2]	1.3	28	57	13	10
SW-W ALPHA 500	***051037	500	230	50	6 [2]	1	20	55	17	10
SW-W ALPHA 750	***051181	750	270	50	7 [2]	1	26	45	17	16
SW-W ALPHA 1000	***051228	1000	360	50	7 [2]	1	26	45	18	16

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

Dimensions model SW-W ALPHA

Model	SW-W ALPHA 300	SW-W ALPHA 500	SW-W ALPHA 750	SW-W ALPHA 1000
Art.-No.	***050917	***051037	***051181	***051228
A, mm	234	234	306	306
B, mm	262	262	337	337
C, mm	274	274	357	357
D, mm	203	203	265	265
E, mm	107	107	107	107
F, mm	194	194	194	194
G, mm	183	183	255	255
Ø H, mm	63	63	63.5	63.5
I, mm	200	250	250	320
J, mm	58.6	58.6	92.5	92.5
K, mm	109.5	109.5	107	107



Wall-mounted winch with worm gear drive model SW-W-SGO

Capacity 250 - 5000 kg

Wall-mounted winch with worm gear drive and load pressure brake for efficient lifting of heavy loads.

Features

- Housing and rope drums made out of robust steel plate.
- Worm gear drive with additional load pressure brake for safe holding of the load.
- Roller bearings ensure smooth running of the rope and increased lifetime of the winch.
- Second speed for fast lifting of smaller loads, resulting in lowest possible handle effort and rapid winding of the rope (for capacitites of 2000 kg and above).
- Wide rope drum for a large rope capacity with two rope attachment points.
- Easy and quick mounting.



Model SW-W-SGO
Capacity 1500 kg

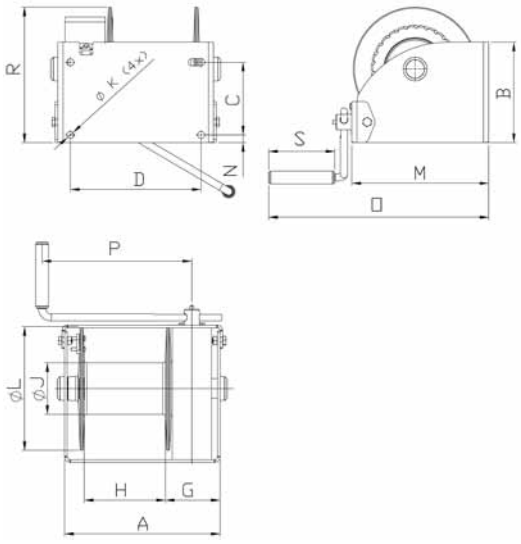
Technical data model SW-W-SGO

Model	EAN-No. 4050939***	Capacity 1st layer kg	Capacity top layer kg	Rope diameter mm	Useable rope length 1st layer m	Useable rope length top layer m	Lift per crank rotation mm	Required crank effort daN	Weight without rope kg
SGO 250	***049263	250	100	5 [2]	2.3	44	29	6	13
SGO 500	***049270	500	238	6 [2]	3.7	54	30	11	16
SGO 1000	***051464	1000	500	9 [2]	4.5	46	21	10,6	26
SGO 1500	***051563	1500	850	10 [2]	4.5	38	18	16	28
SGO 2000	***050443	2000	1100	13 [2]	4	37	8/16 [3]	9/18 [3]	60
SGO 3000	***050481	3000	2000	16 [2]	5	34.5	7/14 [3]	12/24 [3]	78
SGO 5000	***050818	5000	3300	20 [2]	4.5	33.8	8/16 [3]	25.2/50.4 [3]	105

[2] recommended rope: DIN 3060 FE-znk 1770 sZ-spa [3] 1st/2nd speed

Dimensions model SW-W-SGO

Model	SGO 250	SGO 500	SGO 1000	SGO 1500	SGO 2000	SGO 3000	SGO 5000
EAN-No.	***049263	***049270	***051464	***051563	***050443	***050481	***050818
A, mm	238	269	302	302	410	436	436
B, mm	145	160	195	250	310	365	460
C, mm	100	115	141	178	196	251	316
D, mm	192	223	254	254	360	386	386
G, mm	106	107	110	111	137	137	137
H, mm	102	131	160	160	176	204	200
Ø J, mm	48	70	102	102	133	165	219
Ø K, mm	14	14	17	17	25	25	25
Ø L, mm	160	190	240	240	312	376	437
M, mm	191	221	266	278	383	443	495
N, mm	15	15	15	15	45	47	60
O, mm	354	384	429	441	–	–	–
P, mm	280	325	350	350	380	380	380
R, mm	171	192	264	306	420	527	604
S, mm	130	130	130	130	220	220	220





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.

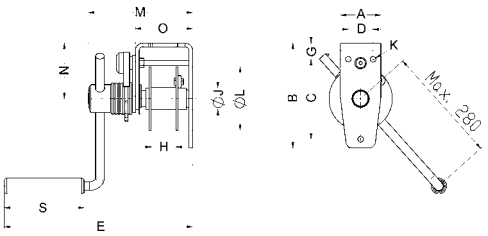
Technical data model MWS

Model	EAN-No. 4025092* 4053981**	Capacity 1st layer kg	Capacity top layer kg	Crank effort 1st layer daN	Lift per crank rotation 1st layer mm	Lift per crank rotation top layer mm	Weight without rope kg	Rope diameter mm	Useable rope length 1st layer m	Useable rope length max. m	Number of layers max.
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

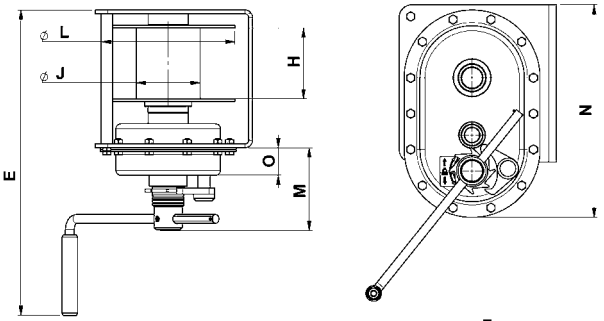
[2] recommended rope: DIN 3060 FE-znk 1770 sZ-spa

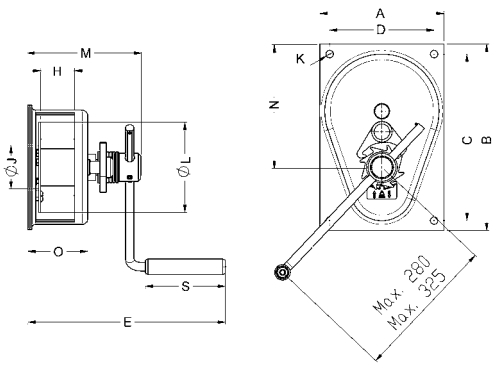
Dimensions model MWS

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

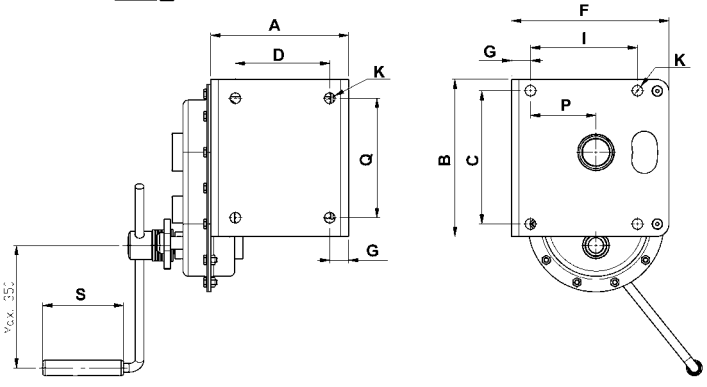


Model MWS, capacity 150 kg





Model MWS, capacity 300 - 600 kg



Model MWS, capacity 1000 - 1500 kg



Model LB,
zinc-plated version,
capacity 1200 kg



Model LB,
zinc-plated version,
capacity 350 kg

Console-mounted winch model LB

Capacity 150 - 1200 kg

Originally developed as offroad winch the console-mounted winch model LB is used today for a variety of lifting and pulling applications.

Features

- Light weight robust stamped steel housing.
- Spur gear drive for optimal efficiency and comfortable handling.
- Automatic load pressure brake for save holding of the load in any position. An unintentional brake release is prevented.
- All parts are zinc-plated for increased corrosion protection, drum with additional special coating.
- Easy and quick mounting to consoles, even under lifting conditions.

Options

- Stainless steel version (mat. 1.4301) for increased corrosion protection.
- Free wheeling device for a quick manual unrolling of the unloaded rope.



Model LB-VA,
stainless steel version,
capacity 900 kg

Technical data model LB

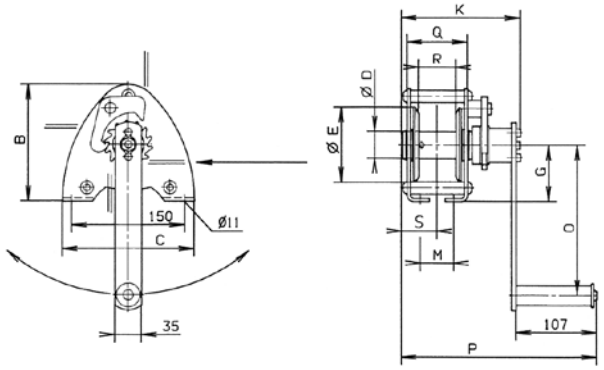
Model	EAN-No. 4025092* 4050939*** Zinc-plated version	EAN-No. 4025092* 4050939*** Free wheeling device	EAN-No. 4025092* 4050939*** Stainless steel version	Capacity 1st layer kg	Capacity top layer kg	Rope diameter mm	Useable rope length 1st layer m	Useable rope length top layer m	Lift per crank rotation mm	Required crank effort daN	Weight without rope kg
LB 150 VZ	***050542	–	–	150	75	4 [2]	0.8	11	125	17	4.2
LB 350 VZ	***050559	–	–	350	170	4 [2]	1.8	20	125	25	4.8
LB 650 VZ	*994736	–	–	650	290	6 [2]	1	20	55	22	7.3
LB 900 VZ/ARA	*994859	*992251	–	900	400	7 [2]	0.8	14	58	24	10
LB 1200 VZ/ARA	*561655	***049249	–	1200	430	7 [3]	1	26	45	24	12.1
LB 250 VA	–	–	*441964	250	125	4 [2]	1.8	19.5	125	20	4.8
LB 650 VA	–	–	*284875	650	290	6 [2]	1	20	55	22	7.6
LB 900 VA	–	–	*562461	900	320	7 [2]	1	26	45	24	12.1

[2] recommended rope: DIN 3060 FE-znk 1770 sZ-spa [3] recommended rope: DIN 3069 SE-znk 2160 sZ-spa

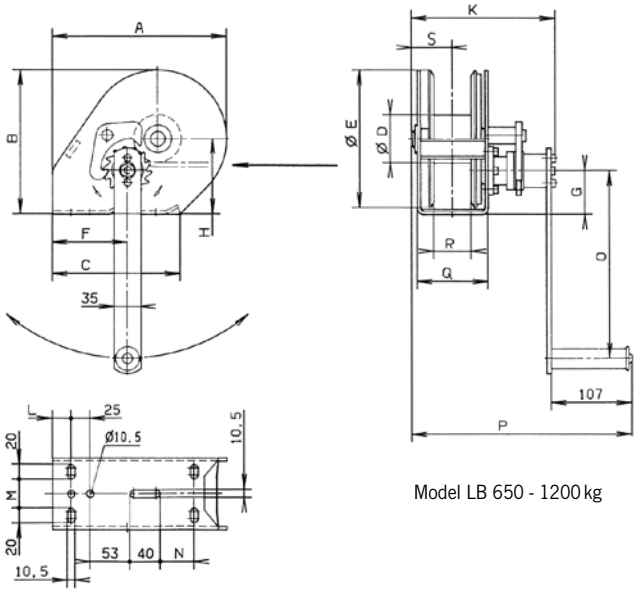
Dimensions model LB

Model	LB 150 VZ	LB 350 VZ	LB 650 VZ	LB 900 VZ LB 900 ARA	LB 1200 VZ LB 1200 ARA	LB 250 VA	LB 650 VA	LB 900 VA
EAN-No. Zinc-plated version	***050542	***050559	*994736	*994859	*561655	–	–	–
EAN-No. Free wheeling device	–	–	–	*992251	***049249	–	–	–
EAN-No. Stainless steel version	–	–	–	–	–	*441964	*284875	*562461
A, mm	–	–	232	232	273	–	232	273
B, mm	155	155	192	192	266	155	192	266
C, mm	175	175	210	210	240	175	210	240
Ø D, mm	36	36	63.5	63.5	63.5	36	63.5	63.5
Ø E, mm	100	100	183	183	255	100	183	255
F, mm	–	–	100	100	78	–	100	78
G, mm	75	75	58	58	75	75	58	75
H, mm	–	–	100	100	138	–	100	138
K, mm	159	189	192	192/226*	192/226*	191.5	190	190
L, mm	–	–	25	25	35	–	25	35
M, mm	45	75	38	38	30	75	38	30
N, mm	–	–	–	–	53	–	–	53
O, mm	200	320	250	320	320	320	250	250
P, mm	260	290	293	293/303*	293/303*	292.5	291	291
Q, mm	81	111	95	95	95	111	95	95
R, mm	50	80	50	50	50	80	50	50
S, mm	48	63	55	55	55	65.5	55	55

*Free wheeling device



Model LB 150 - 350 kg



Model LB 650 - 1200 kg



Model SW-K GAMMA
capacity 800 kg



Model SW-K GAMMA
capacity 500 kg

Console-mounted aluminium rope winch model SW-K GAMMA

Capacity 200 - 800 kg

Due to its rugged design, the aluminium rope winch is suitable for operation outdoors.

Features

- Compact aluminium housing and enclosed sprocket wheel drive. From a capacity of 500 kg with speed increasing ratio for small loads and quicker winding and unwinding of the unloaded rope.
- Spur gear drive for optimal efficiency and comfortable handling.
- Enclosed gear for the protection of parts inside, also for arduous applications.
- Low-friction shaft sliding bearings for improved rope lead-off and a longer service life of the winch.
- Wide rope drum for a large rope capacity with two rope attachment points.
- Easy and quick mounting.
- With integrated safety spring brake system and removable crank. The winches can be operated from either side.

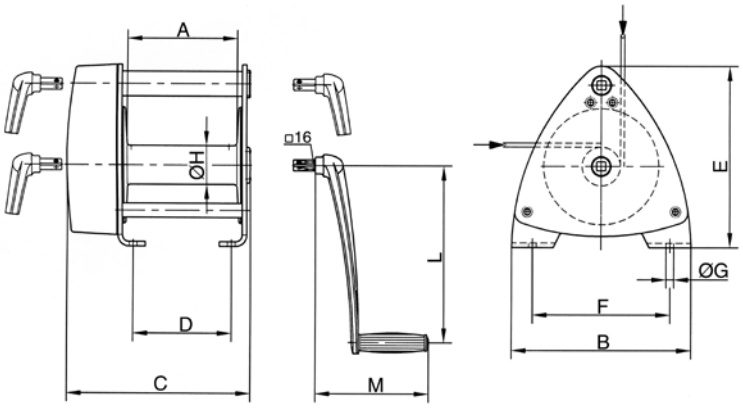
Technical data model SW-K GAMMA

Model	EAN-No. 4025092*	Capacity 1st layer kg	Capacity top layer kg	Rope diameter mm	Useable rope length 1st layer m	Useable rope length top layer m	Lift per crank rotation mm	Required crank effort daN	Ratio	Weight without rope kg
GAMMA 200	*984690	200	110	4 [2]	3.6	40	195	19	–	6
GAMMA 500	*983808	500	200	6 [2]	4.2	50	60/400 [3]	12	6.57:1	14
GAMMA 800	*441346	800	350	7 [2]	5.3	78	36/280 [3]	18	7.57:1	16

[2] recommended rope: DIN 3060 FE-znk 1770 sZ-spa [3] load/speed increasing ratio

Dimensions model SW-K GAMMA

Model	GAMMA 200	GAMMA 500	GAMMA 800
EAN-No.	*984690	*983808	*441346
A, mm	120	120	200
B, mm	160	220	326
C, mm	192	330	336
D, mm	152	100	180
E, mm	165	267	327
F, mm	135	125	250
Ø G, mm	9.5	11	14
Ø H, mm	50	60	70
L, mm	320	250	320
M, mm	207	165	207



Compact aluminium rope winch with free-wheeling device model SW-KAL

Capacity 750 - 1120 kg

Console-mounted rope winches are used for super-structures on vehicles and trailers and when lifting and lowering loads.

Features

- Self-locking worm gear, free-wheeling device for ease of operation.
- Enclosed gear for the protection of internal parts, also for arduous applications.
- Low-friction shaft bearings for a longer service life of the winch.
- Easy and quick mounting.



INFO

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

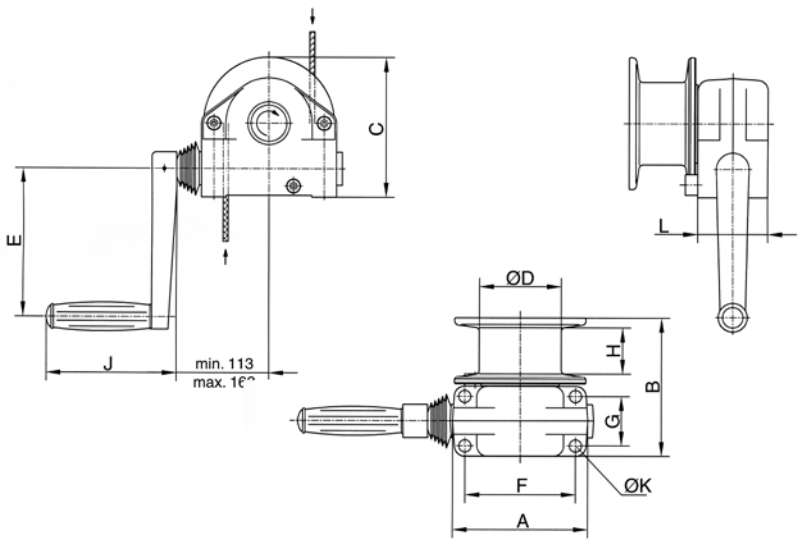
Technical data model SW-KAL

Model	EAN-No. 4050939***	Capacity 1st layer kg	Capacity top layer kg	Drum diameter mm	Rope diameter mm	Useable rope length 1st layer m	Useable rope length max. m	Lift per crank rotation mm	Lift per crank rotation top layer mm	Required crank effort daN	Weight without rope kg
KAL 750	***051242	750	600	100	6 [2]	1.3	10	15	17	20	7
KAL 1120	***051389	1120	600	63	7 [2]	0.5	10	11	16	22	7

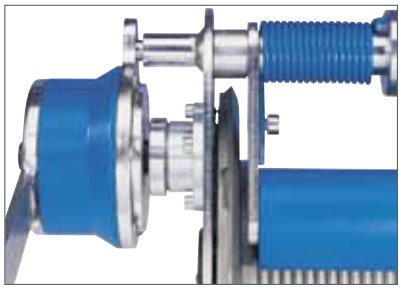
[2] recommended rope: DIN 3060 SE-znk 1770 sZ-spa

Dimensions model SW-KAL

Model	KAL 750	KAL 1120
Art.-No.	030207004	030208000
A, mm	165	165
B, mm	168	168
C, mm	170	170
Ø D, mm	100	63
E, mm	180	180
F, mm	135	135
G, mm	60	60
H, mm	56	50
J, mm	160	160
Ø K, mm	13	13
L, mm	85	85







INFO

Certified by the German committee for lifting equipment (GS-approval-tested safety).

Console-mounted rope winch model SW-K LAMBDA (DGUV Vorschrift 17 [BGV C1])

Capacity 300 kg

The compact rope winch for applications on stages, in studios, theatres, etc.

Features

- State-of-the-art design with galvanized side sections for easy handling.
- Grooved drum for single-layer winding of the steel rope. An 18:1 ratio between drum and rope diameter increases the service life of the rope substantially.
- With spring-loaded rope pressure roller to prevent the unloaded rope from jumping off the drum.
- Gear rated for twice the nominal load.
- Spur gear drive for optimal efficiency and comfortable handling.
- The fitted safety crank with two spring brakes acting independently of each other for safe holding of the load in any position.
- Complies with DGUV Vorschrift 17 (BGV C1) and DIN 56925-1.

Options

- Drum extension for a larger rope capacity.
- Special grooves (several layers)

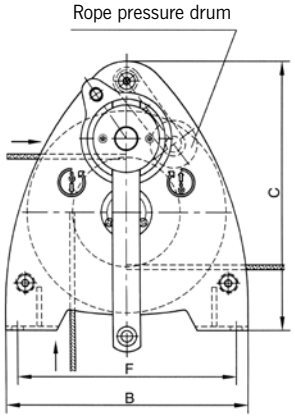
Technical data model SW-K LAMBDA (DGUV Vorschrift 17 [BGV C1])

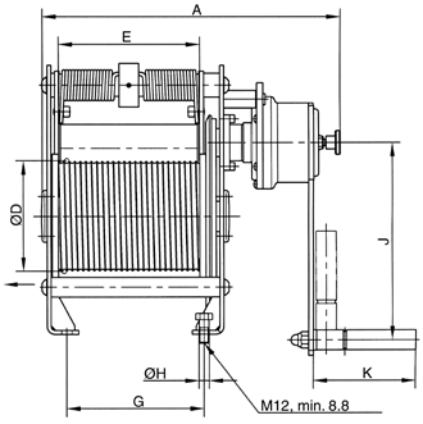
Model	EAN-No. 4050939***	Capacity kg	Rope diameter mm	Useable rope length max. 1st layer m	Lift per crank rotation mm	Required crank effort daN	Ratio	Weight without rope kg
SW-K LAMBDA	***050382	300	6 [4]	10	50	18	8.83:1	30
SW-K LAMBDA	***050405	300	6 [4]	15	50	18	8.83:1	36

[4] recommended steel rope: 6 DIN 3069 SE-znk 1960 sZ-spa (breaking load of the rope min. 30.4 kN)

Dimensions model SW-K LAMBDA (DGUV Vorschrift 17 [BGV C1])

EAN-No.	***050382	***050405
A, mm	379	469
B, mm	310	310
C, mm	340	340
Ø D, mm	139.4	139.4
E, mm	180	270
F, mm	280	280
G, mm	175	265
Ø H, mm	13	13
J, mm	250	250
K, mm	130	130





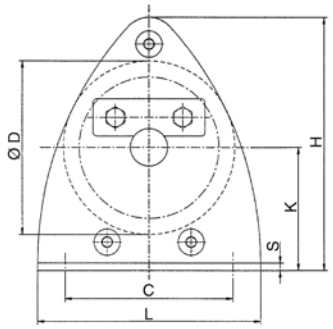
Sheave block for rope guidance, equipped with ball bearings model DSRB S



Technical data model DSRB

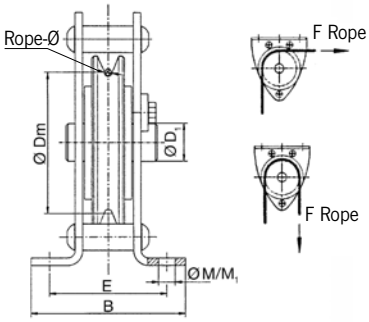
Model	EAN-No. 4025092* 4050939***	Classification FEM/ISO	Pulling force in kg at deflection 90°	Pulling force in kg at deflection 180°	Rope diameter mm
DSRB S 90/4	***066062	2m/M5	700	500	3-4
DSRB S 90/6	***066123	1Dm/M1	700	500	5-6
DSRB S 145/7	*990424	1 Am/M4	1100	800	7
DSRB S 185/8	***065843	2m/M5	2300	1630	8
DSRB S 270/12	***065980	2m/M5	2500	1800	9-12
DSRB S 400/16	***066130	3m/M6	5000	3800	13-16
DSRB S 490/20	***065751	3m/M6	8000	6000	20

All sheaves are available as an individual component on request.



Dimensions model DSRB

Model	DSRB S 90/4	DSRB S 90/6	DSRB S 145/7	DSRB S 185/8	DSRB S 270/12	DSRB S 400/16	DSRB S 490/20
EAN-No.	***066062	***066123	*990424	***065843	***065980	***066130	***065751
B, mm	85	85	125	138	191	302	313
C, mm	90	90	160	195	290	430	580
Ø D, mm	90	90	145	185	270	400	490
Ø D1, mm	20	25	25	30	40	50	65
Ø Dm, mm	80	78	126	160	246	368	450
E, mm	62	62	88	106	138	212	220
H, mm	134	134	224	273	407	612	694
K, mm	65	65	110	135	202	310	340
L, mm	120	120	200	245	360	530	650
Ø M/M1, mm	9/9	9/9	11.5/13	13.5/15	18/20	26/30	34/40
S, mm	4	6	6	8	10	15	16



Available in explosion proof version (please see page 465).

Standard ropes for Pfaff-silberblau manual winches

According to DIN 3060

INFO

Additional accessories available on request.

EAN-order number

Rope diameter	Breaking load of rope min. kN	Useable rope length 5 m	Useable rope length 10 m	Useable rope length 15 m	Useable rope length 20 m	Capacity clevis end kg
4 mm - DIN 3060	10.1	4050939 050924	4050939 050962	4050939 051075	4050939 051204	500
5 mm - DIN 3060	15.8	4050939 050955	4050939 050993	4050939 051143	4050939 051235	1000
6 mm - DIN 3060	22.8	4050939 050986	4050939 051167	4050939 051266	4050939 051358	1000
7 mm - DIN 3060	31.0	4025092 990585	4050939 051211	4050939 051365	4050939051549	1000
7 mm - DIN 3069 [1]	43.9	–	–	4050939 051624	–	1600

[1] Rope with increased breaking load for LB 1200 kg





Option:
Eye sling hook
with safety latch



Option:
Yaletrac storage box made from steel plate,
approx. 74 x 26 x 45 cm

Cable puller model Yaletrac ST

Pulling force 1000 - 3200 daN

Cable pullers model Yaletrac ST feature a housing of dimensionally stable deep-drawn steel plates ensuring a compact, robust design in combination with optimised weight.
The benefits of the previous Yaletrac range have been maintained and supplemented to the needs of the market. The hand operating forces have been noticeably optimised for the user by the application of axial ball bearings.

Features

- Stable upright positioning of the unit due to the combination of handle and foot.
- Space-saving telescopic hand lever that can be safely attached to the unit by means of a hook-and-pile fastener.
- Increased service life of the unit due to the use of rubber sleeves which prevent dirt and dust from penetrating into the mechanical equipment of the unit.
- Positioning of the forward and reversing levers in tandem provides a slim design and ensures optimal power transfer.
- Overload protection is provided by a shearing pin. Spare shear pins are conveniently located in the carrying handle. A broken pin can be replaced without removing the load.
- A lever disengages the rope clamp system allowing easy and smooth installation of the rope.
- Yaletrac ST uses a special flexible rope. It has six strands with a steel core and is identified by an orange strand. The rope is tapered at one end for easy threading and is fitted with an eye sling hook with safety latch on the other end.
- The parallel arrangement of the clamping system protects the rope by distributing the clamping forces evenly. A long rope advance per each lever stroke increases the working speed.
- The large opening in the top of the unit allows easy cleaning: simply flush the unit with water and apply motor oil for lubrication and the Yaletrac ST is again ready for use.

Options

- Eye sling hook with safety latch
- Longer ropes
- Drum reel
- Storage box



Technical data model Yaletrac ST

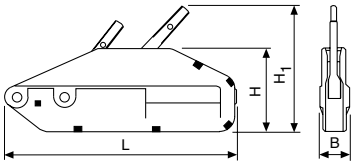
Model	EAN-No. 4025092*	Capacity WLL kg	Rope advance per double stroke mm	Lever pull at WLL daN	Lever length mm	Rope diameter mm	Weight without rope kg	Rope weight kg/m
Y 10 ST	*422901	1000	60	23	800	8.4	8.5	0.29
Y 16 ST	*422925	1600	60	28	790/1190	11.5	15.8	0.53
Y 32 ST	*422963	3200	40	46	790/1190	16	27.2	1.0

Dimensions model Yaletrac ST

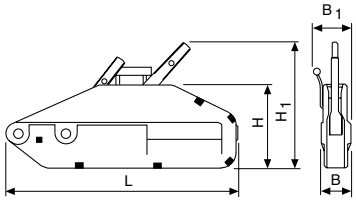
Model	Y 10 ST	Y 16 ST	Y 32 ST
L, mm	435	560	664
H, mm	178	205	240
H1, mm	235	280	350
B, mm	61	86	96
B1, mm	94	125	123

INFO

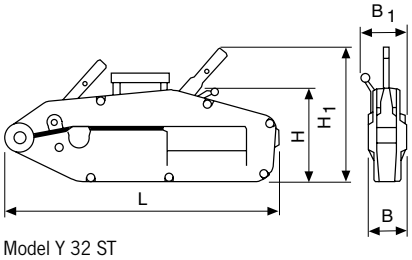
Yale hoists and trolleys are not designed for passenger elevation applications and must not be used for this purpose.



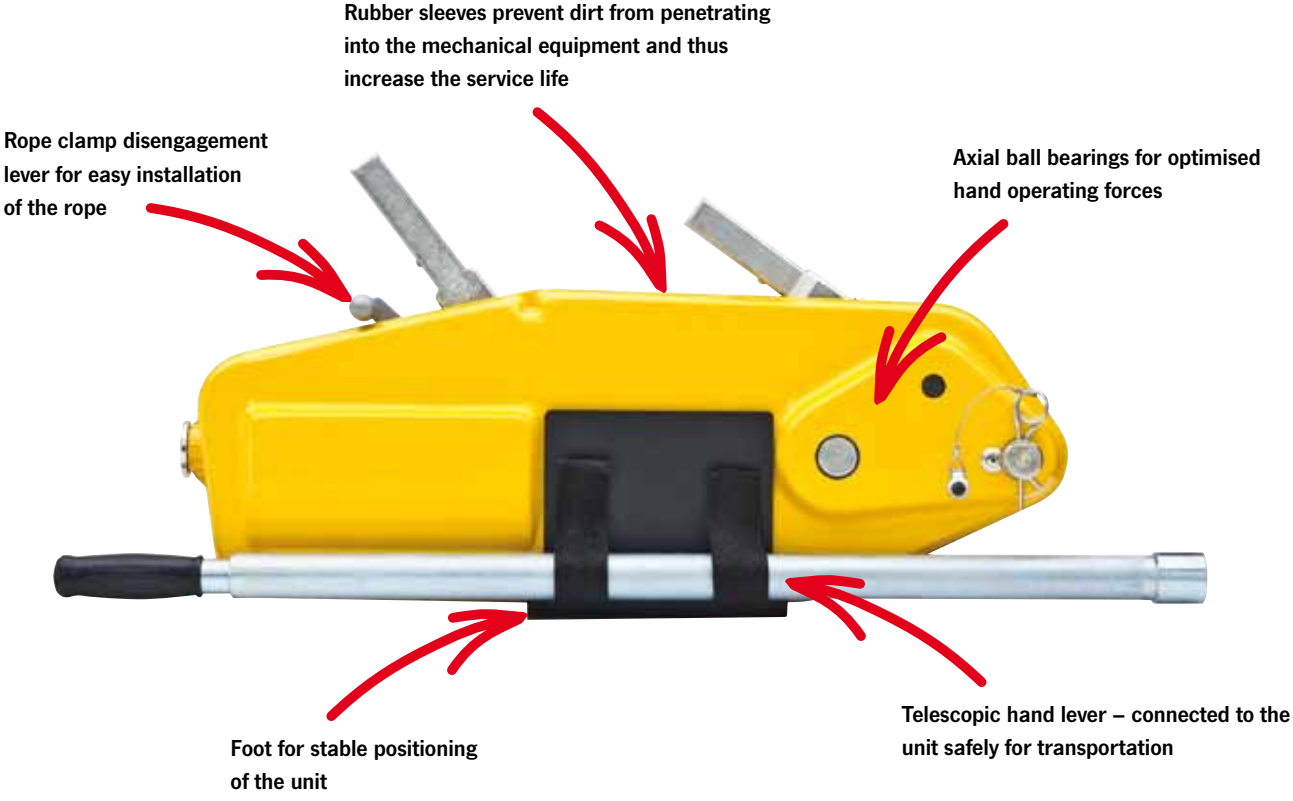
Model Y 10 ST

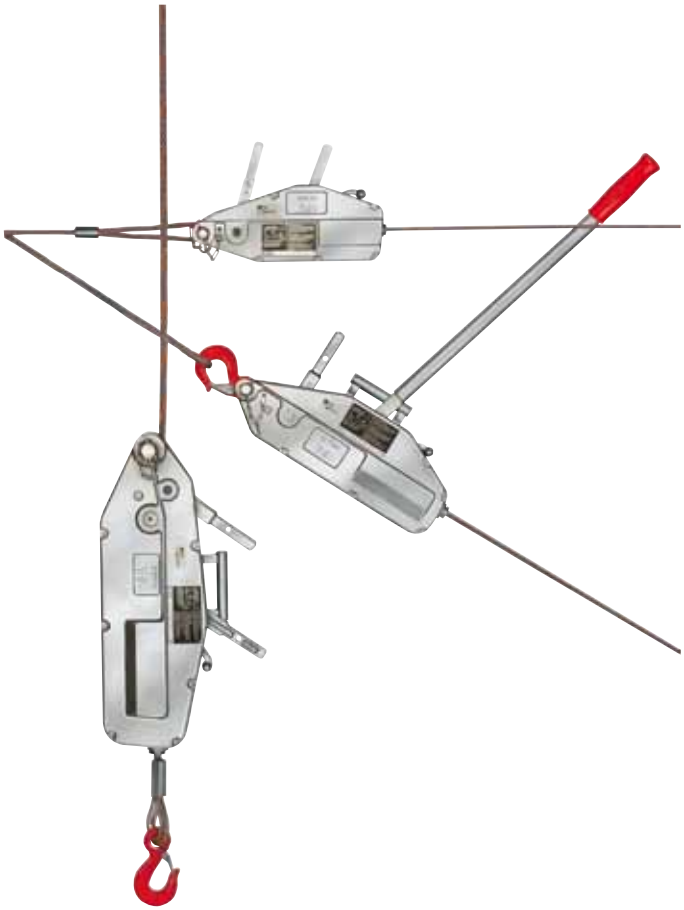


Model Y 16 ST



Model Y 32 ST





Cable puller model Yaletrac

Pulling force 800 - 3200 daN

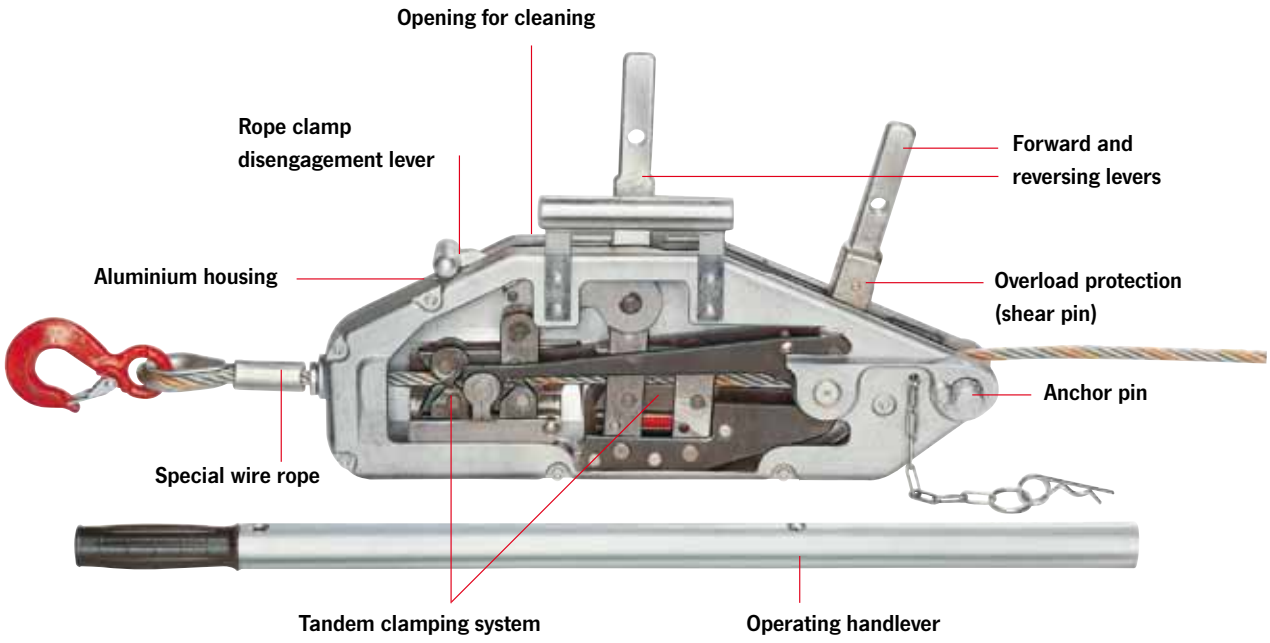
It has a light weight, compact, high tensile aluminium alloy housing with a large flat bottom surface for increased stability in horizontal as well as vertical working position.

Features

- Forward and reversing levers in tandem provide slim design and assure power transfer along the centre line.
- Overload protection is by a shearing pin in the forward lever. Spare shear pins are conveniently located in the carrying handle or operating lever. A broken pin can be replaced without removing the load.
- A lever disengages the rope clamp system allowing easy, smooth installation of the rope.
- Yaletrac uses a special flexible rope. It has six strands with a steel core and is identified by an orange strand. The rope is tapered at one end for easy threading and fitted with an eye sling hook with safety latch on the other end.
- The parallel arrangement of the clamping system protects the rope by distributing the clamping forces evenly. A long rope advance per each lever stroke increases the working speed.
- The large opening in the top of the unit allows easy cleaning: simply flush the unit with water, apply motor oil for lubrication and the Yaletrac is again ready for use.

Options

- Eye sling hook with safety latch
- Longer ropes
- Drum reel
- Storage box

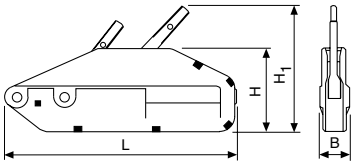


Technical data model Yaletrac

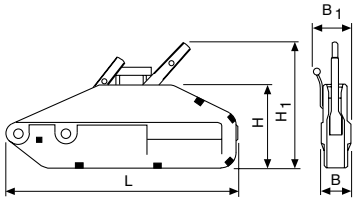
Model	EAN-No. 4025092*	Capacity WLL kg	Rope advance per double stroke mm	Lever pull at WLL daN	Lever length mm	Rope diameter mm	Weight without rope kg	Rope weight kg/m
Y 08	*051811	800	60	24	800	8.4	7	0.29
Y 16	*051828	1600	60	30	790/1190	11.5	14	0.53
Y 32	*078870	3200	40	50	790/1190	16	21	1

Dimensions model Yaletrac

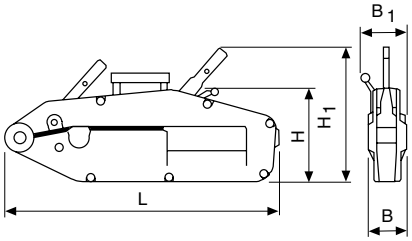
Model	Y 08	Y 16	Y 32
L, mm	430	545	680
H, mm	168	190	230
H1, mm	240	270	330
B, mm	60	72	91
B1, mm	–	97	110



Model Y 08



Model Y 16



Model Y 32









Option:
Yaletrac storage box made from steel plate, approx. 74x26x45 cm



Option:
Eye sling hook with safety latch

INFO

Yale hoists and trolleys are not designed for passenger elevation applications and must not be used for this purpose.

Complementary products available like cable grips (see page 87), pulley blocks (see page 86) and textile slings (see pages 232-235).



Cable puller model LP

Capacity 500 kg

A practical aid for pulling, lifting, tensioning and lowering in many applications in- and outdoors.
A compact, handy tool – ideal for service and assembly, for workshops and recreation.

Features

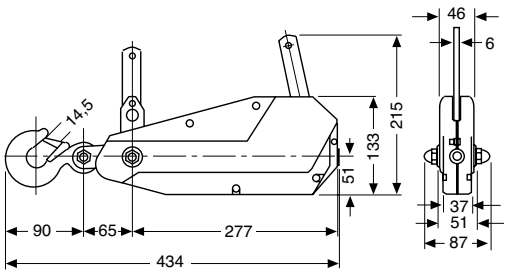
- The stamped steel housing is lightweight and resistant.
- The complete set comprises of a cable puller with anchor bolt and eye sling hook, telescopic operating lever, 10 metres of wire rope, carrying handle and a webbing sling of 1 metre length which can be used as a rigging point.

INFO

Yale hoists and trolleys are not designed for passenger elevation applications and must not be used for this purpose.

Technical data model LP

Model	EAN-No. 4025092*	Capacity WLL kg	Rope advance per double stroke mm	Lever pull at WLL daN	Lever length mm	Rope diameter mm	Weight without rope and lever kg
LP 500	*051804	500	35	15	600	8.3	4



Cable puller model LM

Pulling force 500 - 1800 daN

The use of aluminium alloy castings provide a lightweight, corrosion resistant unit for pulling and tensioning applications. The double interlocking pawl system ensures safe function, all load bearing shafts are mounted on prelubricated bearings to reduce wear.

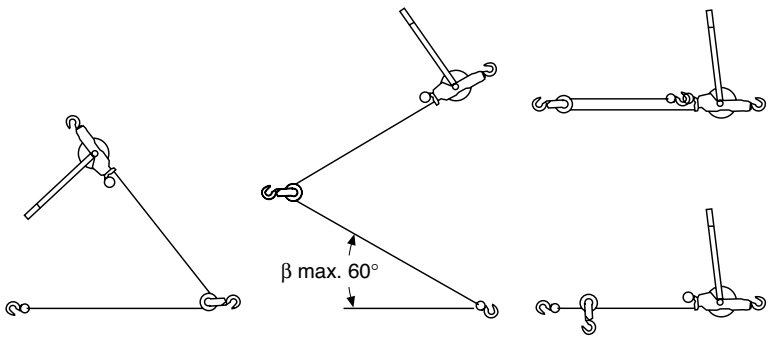
Features

- All springs and shafts are manufactured from stainless steel. The lifting medium is a non-twisting, galvanized, special steel wire rope.
- The hooks are fitted with safety latches and are free to rotate 360°.
- The cable puller LM can be used in single or double legged configuration. In double legged configuration the pulling force is doubled and the lifting height is halved.



Technical data model LM

Model	EAN-No. 4025092*	1 legged design			2 legged design			Weight	Lever length	Hook opening	Rope diameter
		pulling force daN	hook path m	headroom mm	pulling force daN	hook path m	headroom mm	kg	mm	mm	mm
115 DV-B	*077293	500	4.6	550	1000	2.3	700	4.5	420	22	4.8
202 WN-VB	*077309	500	6.0	525	1000	3.0	690	5.2	520	22	4.8
434 WN-VB	*077316	500	9.0	550	1000	4.5	710	5.8	530	22	4.8
S 434 WN-VB	*077491	700	6.0	565	1400	3.0	725	6.0	530	22	5.6
S 404 WN-VB	*077323	900	5.2	575	1800	2.6	720	5.9	635	22	6.4



Rigging configurations - Attention! reduced capacity!

INFO

Yale hoists and trolleys are not designed for passenger elevation applications and must not be used for this purpose.

The units may only be used for pulling and tensioning. Lifting and lowering of loads is not permitted.



Pulley blocks, hinged, with single steel sheave

Capacity 1000 - 6400 kg

One side of the Yale pulley blocks is hinged and can be opened for easy and quick positioning of the wire rope on the sheave. It can also provide a quick and versatile rigging point or redirect a wire rope.

Features

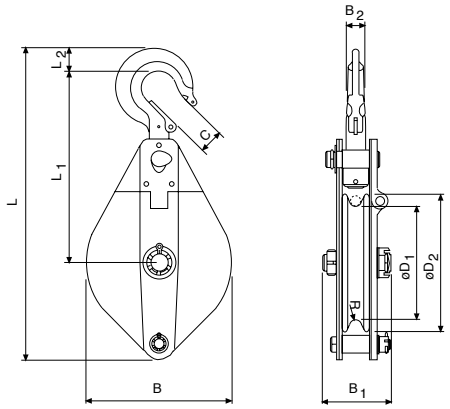
- Swinging the hook in the direction of pull securely locks the pulley block.
- The high quality cast steel sheaves have machined grooves and are fitted with Permaglide® bushes.
- When choosing and classifying pulley blocks, take the "Principles for Rope Drives" DIN 15020 into consideration.

Technical data pulley blocks

Model	EAN-No. 4025092*	Capacity kg	Rope diameter mm	Weight kg
Pulley blocks 1000	*455817	1000	7	3.3
Pulley blocks 2000	*455794	2000	13	8.9
Pulley blocks 3200	*455800	3200	15	15.5
Pulley blocks 6400	*455824	6400	18	26.5

Dimensions pulley blocks

Model	Kloben 1000	Kloben 2000	Kloben 3200	Kloben 6400
B, mm	118	199	230	270
B1, mm	76	92	108	116
B2, mm	17	24	28	35
C, mm	23	27	31	42
Ø D1, mm	85	150	180	210
Ø D2, mm	105	190	220	260
L, mm	305	425	496	655
L1, mm	200	263	295	375
L2, mm	23	30	40	47
R, mm	4	7	9	10



INFO

Yale hoists and trolleys are not designed for passenger elevation applications and must not be used for this purpose.



Cable grip model LMG

Pulling force 2000 - 5000 daN

The LITTLE MULE® cable grip is a device for gripping, pulling and tensioning uncoated wire ropes, cables and metal rods in all forms up to a tensile strength of 1770 N/mm² but is dependant on the diameter and surface condition.

The parallel jaws provide a firm, non-slip grip without causing damage to the wire rope. A special spring-loaded guide prevents the grip from dropping off the wire rope and allows instant release without jamming.

The model LMG II-X is supplied with grooved jaws and is suitable for wire ropes with a tensile strength of up to 1960 N/mm², but is dependant on the rope diameter and surface condition.



Technical data model LMG

Model	EAN-No. 4025092*	Pulling force daN	For rope diameter mm	Eye opening mm	Weight kg
LMG I	*052214	2000	5 - 15	31 x 44	1.6
LMG II	*052221	3000	8 - 20	31 x 44	2.9
LMG II-X	*052245	3000	8 - 20	31 x 44	2.9
LMG III	*052238	5000	18 - 32	66 x 93	9.5

INFO

Yale hoists and trolleys are not designed for passenger elevation applications and must not be used for this purpose.