



Cable pulling winches KSW-E

with two capstans

Compact, powerful and versatile



When cable laying either in ducts or industrial buildings, KATIMEX[®] capstan winches offer a **compact** and powerful unit which is **economical and hard wearing**.

Usage is simple, safe and practical even when used under limited working space such as an industrial plant.

KATIMEX[®] electric capstan winches are specifically designed to be fixed and used in different working positions to give different pulling directions.

The capstan winches are available with pulling forces from 2.5 kN up to 20 kN.

By several slings of the rope around the capstan head and a light pre-stress at the open end of the rope, the full pulling force can be used.

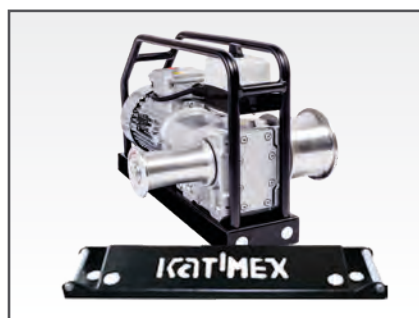
All winches feature **two capstans of large and smaller diameters**. Pulling speed and force can be altered by choice of capstan used. This enables a quick adaption to **changing circumstances** whilst cable laying.

Using the well designed KATIMEX[®] capstan winches **reduces time and man-power**, as well as onerous, physical work, that may result in a high risk of injury.

Low power consumption: possibility of power supply from 230V mains or not big petrol generator.

Easy to transport:

- compact dimensions and not big weight;
- the side extension plates are field removable;
- additional accessories for the possibility of transporting alone (optional)





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Application

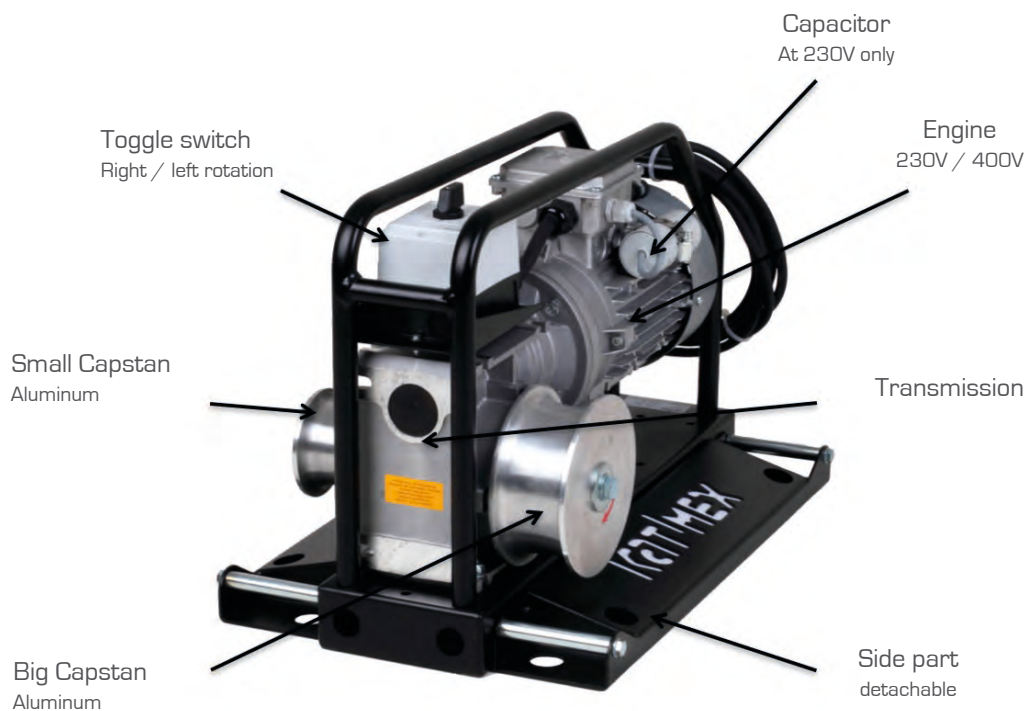


- Electrical installers
- Telecommunication companies
- Integrators and contractors for cable installing
- Industrial plants
- FTTx installers

Watch our
product video:



Component designation



Technical information

Model	KSW-E-2000	KSW-E-1200	KSW-E-800	KSW-E-500
Article:	105512	105513	105511	105510
Pulling Force:	10 / 20 kN (up to 2000 kg)	6,0 / 12,0 kN	4,0 / 8,0 kN	2,5 / 5,0 kN
Speed:	4 / 8 m/min	4 / 8 m/min	4 / 8 m/min	4 / 8 m/min
Engine power:	1,50 kW/230V	1,10 kW/400V	1,10 kW/230V	0,55 kW/230V
Type of Motor:	Electric	Electric	Electric	Electric
Dimensions:	61 x 41 x 41 cm	60 x 40 x 38 cm	61 x 41 x 41 cm	60 x 40 x 38 cm
Weight:	58 kg	42 kg	39 kg	35 kg



Accessories for cable pulling winches KSW-E

Polyester Ropes



High load capacity, ductile polyester ropes, 16-times woven. Eyelets on both sides.

Further versions on request

Type	Length	Rope-Ø	Breaking load	Weight	Art.-No.
PFS 8-150	150 m	8 mm	14.3 kN	8.0 kg	105650
PFS 8-200	200 m	8 mm	14.3 kN	10.2 kg	105651
PFS 8-250	250 m	8 mm	14.3 kN	12.2 kg	105652
PFS 12-150	150 m	12 mm	30.0 kN	16.1 kg	105654
PFS 12-200	200 m	12 mm	30.0 kN	21.0 kg	105655
PFS 12-250	250 m	12 mm	30.0 kN	25.2 kg	105656
PFS 16-150	150 m	16 mm	48.0 kN	29.3 kg	105657
PFS 16-200	200 m	16 mm	48.0 kN	39.2 kg	105658
PFS 16-250	250 m	16 mm	48.0 kN	48.4 kg	105659

Rope Winding Device



Rope Winding Device designed for easy coiling and decoiling of ropes for winches.

Capacity: 200 m for Rope-Ø 16 mm and 250 m for Rope-Ø 12 mm

Dimensions: 600 x 570 x 590 mm

Type	Load capacity	Weight	Art.-No.
SW200	50 kg	8 kg	107128

On / Off Pedal for KSW-E



To improve convenience and the safety upon the cable laying either in ducts or industrial buildings.

The foot switch is optional for electrical capstan winches types KSW-E 500, 800, 2000. It is simply switched between power socket and winch. Protection type IP65.

Type	Protection	Weight	Art.-No.
OPT-2	IP65	1,7 kg	105515

Trolley for all KSW-E



The trolley designed for the safe and comfortable transport of KATIMEX[®] capstan winches. It has powder coated steel tube frame.

Dimensions: 1150 mm x 410 mm x 340 mm

Type	Height	Width	Weight	Art.-No.
OPT-01	1150 mm	410 mm	4,3 kg	105516

Glit[®] F200



Glit[®] F200 high performance cable lubricant for underground cabling

for heavy cables and long pulls, friction can be reduced more than 50 %

silicone-free, skin-friendly, non-flammable

Content	Packaging*	Weight	Art.-No.
10 L	canister	10,40 kg	101376
20 L	canister	20,70 kg	101377
30 L	canister	31,30 kg	101378

* find more packaging sizes in our **Glit[®] Prospect** or at www.katimex.com

Accessories for cable pulling winches KSW-E

Pulling Guide for KSW-E



It is a support tool for safe and fast cable laying either in ducts or industrial buildings. It allows to make form-fitting connection of the winch and the cable outlet. The pulling guide includes 2 swivels and has a telescopic height of 3.20 meters and a maximum manhole depth of 1 meter. Conduit mounting between 40 and 160 mm is possible.

Dimensions: 366 cm x 138 cm x 151 cm

Length max	Shaft depth max	Pulling load max	Tube-Ø	Weight	Art.-No.
3,2 m	1 m	20 kN	40 - 160 mm	50 kg	105530

Ground Nails for winches



Ground nails designed for easy fixing the winches on loose ground or where a fixing with tension belts is not possible.

Type	Length	Diameter	Weight	Art.-No.
OPT-03	365 mm	16 mm	0.75 kg	105517

Tension Belts



Tension Belts with Ratchet are suited best as a safety element on cable trays and everywhere, where the usage of ground nails is prohibited.

Fits to the side plates of the winches.

Type	Length	Width	Pulling Force	Weight	Art.-No.
OPT-04	500 cm	25 mm	8,0 kN	0,34 kg	105518
OPT-05	800 cm	50 mm	40,0 kN	1,85 kg	105519

Single Eye



galvanized steel
handwoven
available in stainless steel

Cable-Ø (mm)	Breaking load (kN)	Pulling force (kN)	Weight* (kg)	W 600 mm Art.-No.	W 900 mm Art.-No.
10 - 20 mm	18.8	9.4	0.22	109001	108000
20 - 30 mm	22.6	11.3	0.35	109002	108001
30 - 40 mm	37.0	18.5	0.50	109003	108002
40 - 50 mm	55.0	27.5	0.80	109004	108003
50 - 65 mm	55.0	27.5	0.85	109005	108004
65 - 80 mm	73.2	36.6	1.08	109006	108005
80 - 95 mm	73.2	36.6	1.24	109007	108006
95 - 110 mm	85.0	42.5	1.73	109008	108007
110 - 130 mm	106.0	53.0	1.79	109009	108008
130 - 150 mm	106.0	53.0	1.94		108009
150 - 180 mm	127.0	63.5	2.09		108010

max. permitted load with a safety factor of 2

find more Cable Grips in our Prospect **Cable Grips for Underground Cabling** or at www.katimex.com

* for W 900 mm only

Swivel



Diameter (mm)	A (mm)	Length (mm)	Max. tension (kN)	breaking load* (kN)	Weight (kg)	Art.-No.
22	9.5	86	10.0	30.0	0.15	107174
25	10.3	98	15.6	47.0	0.23	107175
32	13.5	121	22.2	67.0	0.45	107176
35	14.3	130	31.1	93.0	0.63	107177
38	15.1	143	40.0	120.0	0.77	107184
41	17.5	152	44.5	133.0	0.95	107181
51	18.9	178	66.7	200.0	1.70	107178

*max. tension with a safety factor of 3 for horizontal tension

* find more models in our "Cable grips" Prospect or at www.katimex.com