KATIMEX®
CABLING ENABLED

Cable winches HSW-B 750 ZP

with pulling force measurement and recording

Strong - Innovative - Compact

HSW-B 750 is the universal cable winch. It can be used as a main cable winch to pull not heavy copper and fiber optic cables or as the support winch to pull heavy winch ropes of bigger winches with great pulling force into empty ducts or cable trays.
A reliable and powerful **HONDA 4-stroke petrol engine** drives the drum via v-belt. An interposed **wet clutch** ensures a smooth pull at all times. The wet clutch disconnects the power connection autonomously at idle, so that the v-belt does not need to be released. It insures a smooth powerful connection when the engine speed is increased. Depending on the model, the engine can be started electrically or with a pull starter. The mobile and compact design of the HSW-B winches offers various possible applications and a handling suitable for the construction site.

Katimex offers three versions of the HSW-B 750:

HSW-B 750	Support winch
HSW-B 750 Z	Cable winch with pulling force display via dynamometer and shutdown
HSW-B 750 ZP	Cable winch with pulling force recording and digital display of length, pulling force and speed and a shutdown function

HSW-B 750 Features:

- Compact, lightweight construction;
- Disengageable cable drum with high capacity;
- Pulling speed up to 70 m/min.;
- Pulling force up to 7.5 kN;
- Height-adjustable support feet;
- V-belt tensioner with clamping lever;
- Cable drum protection;
- Manual rope layering;
- Pulling force measurement with recording (ZP model only);
- New hinged handle for an easyer transport.

New control panel - At a glance:

For HSW-B 750 ZP model only

- Housing suitable for construction site (IP65);
- PDF pulling force protocol via USB port incl. GPS coordinates of winch;
- Multilingualism (English, German, French);
- Large colour display;
- Internal memory;
- USB port;
- Intuitive operation even without instruction

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Cable pulling winches HSW-B 750 product Information

Application

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

More details about the Cable winch HSW-B 750:

Video review of the Cable winch HSW-B 750:

Quality features

- The HSW-B 750 support winches are perfectly suited to pull heavy winch ropes of bigger winches with great pulling force in to empty ducts or cable trays.
- Due to the pulling force measurement even lighter power cables or telecommunication cables can be pulled with the HSW-B 750 Z (ZP) over long distances, without risk.
- The easily removable cable drum allows exchanging the reel even without tools on the construction site within seconds. Possible reasons for an exchange can be that the rope needs to be extended or to swap to another rope diameter.
- A protocol provides the required information for the clients.
- The current pulling force is monitored by a measuring device. Due to the electrical contact within the gauge the winch engine is cut off if the predefined pulling force is exceeded. The improved control panel is more intuitive, the housing is water-proof and equipped with connections suitable for construction sites, the display is even larger and in colour and the time is updated via GPS.

Technical information

Model	HSW-B 750 ZP	HSW-B 750 Z	HSW-B 750 *
Article:	105577	105576	105575
Pulling force display (dynamometer)		◆	
Pulling force recording and digital display of length, pulling force and speed	◆		
Shutdown function	◆	◆	
Pulling Force:	7.5 kN (765 kg)	7.5 kN (765 kg)	7.5 kN (765 kg)
Speed	up to 70 m/min	>70 m/min	>70 m/min
Engine power	6.5 kW	6.5 kW	6.5 kW
Type of Motor	Petrol	Petrol	Petrol
Dimensions	110 x 570 x 710 cm	110 x 570 x 710 cm	110 x 570 x 710 cm
Weight	139 kg	135 kg	120 kg

*without measuring device for pulling force

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Cable pulling winches HSW-B 750 options and accessories

Steel Rope

High load capacity, galvanized steel cable.
Katimex offers ropes in the range from 1100 m with Ø 4 mm via 700 m with Ø 5 mm to 500 m with 6 mm diameter. We recommend a steel rope with 6 mm diameter, to ensure the double safety of the maximum breaking load by horizontal cable pulls.

Further versions on request

Type	Length	Rope-Ø	Breaking load	Weight	Art.no.
Steel	1 100 m	4 mm	10.3 kN	80.0 kg	105674
Steel	700 m	5 mm	16.0 kN	127.0 kg	105675
Steel	500 m	6 mm	23.0 kN	80.0 kg	105676

Spare Reel

Spare reel (without cable), aluminum.
If different cable diameters are required or the cable needs to be extended, the drum can be exchanged easily. This way a complex recoiling is no longer required. Therefor we optionally offer spare reel.

Length	Width	Height	Art.no.
430 mm	410 mm	410 mm	105591

Reel Stand for Rope Reel

Reel stand for rope reel, aluminium (without spare reel).

Length	Width	Height	Weight	Art.no.
350 mm	370 mm	440 mm	25 kg	105590

Cable Pusher VSG-H 400

The Katimex cable pusher, VSG-H 400 is used to reduce the pulling force during the cable pull and thereby protects the cable. The VSG-H 400 is mainly used when the required pulling force is higher than the recommended maximum pulling force given by the manufacturer.
Due to its extremely compact design and small dimensions the VSG-H 400 can be used in narrow spaces i.e. cable trenches or ducts, within buildings, in industrial plants or within bigger machines and ships.

Art.-No.	**105940**
Thrust [kg] ~dN	max 400
Feeding speed [m/min]	0 - 40
Cable diameters (mm)	9 - 70
Hydraulic pressure [bar] / Volume flow rate [l/min]	150 / 0 - 30
Feeding speed (in the middle range of the traction wheel - Ø 7mm) at 5 [l/min] / at 25 [l/min]	8 / 40 m/min
Pulling force at the capstan [kg]	Max. 350
Dimensions [mm] / Weight [kg]	455x290x330 / 25

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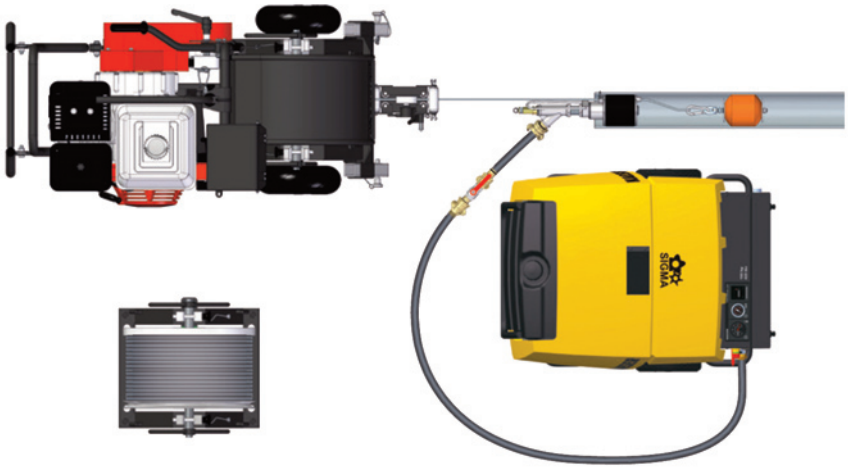
Rope Blowing Technique

The ideal addition to support winch HSW-B750 series

Application



More details about the
Rope Blowing Technique

Video review of the
Rope blowing technique:

With the cable blowing technique via air compression, a steel cable is blown into a conduit by using a Sponge ball piston.

When steel cables have to be laid over long distances i.e. more than 250 meters it is advisable to blow in the cable into an empty conduit than pulling it in with an ordinary cable pulling system.
With the blow in technique, a sponge ball piston with an attached steel cable, are blown into the empty conduit by using compressed air. Distances of up to 1000 meters can be reached effectively and quickly without great effort.

Conduit Plug Plus

Article	Subduct - Ø	Plug - Ø	Weight	Art.no.
Conduit plug P50	38 - 45 mm	38 mm	1,2 kg	105770
Conduit plug P63	50 - 55 mm	50 mm	1,4 kg	105771
Conduit plug P75	60 - 70 mm	60 mm	1,5 kg	105772
Conduit plug P90	74 - 82 mm	74 mm	2,0 kg	105773
Conduit plug P110	93 - 100 mm	93 mm	2,8 kg	105774
Conduit plug P120	97 - 108 mm	97 mm	3,5 kg	105775
Conduit plug P125	105 - 112 mm	105 mm	3,7 kg	105776
Conduit plug P145	123 - 131 mm	123 mm	4,3 kg	105777
Conduit plug P160	136 - 147 mm	136 mm	4,8 kg	105778
Conduit plug P175	147 - 158 mm	147 mm	5,2 kg	105779

Suitable for support winches with free-wheeling rope drum and with drum brake.

Dimensions [LxWxH]: max. 340 x 170 x 150 mm depending on the conduit plug diameter

Conduit plug with offset cable entry, and safety valve with locking lever, that can be tensioned without further tools. Slotted sleeve is not included. Please order according to the rope diameter. Air pressure max. 2 bar. For distances of up to approx. 1000 m. Galvanized steel.

Slotted sleeve

Galvanized steel. Dimensions [LxWxH]: 230 x 60 x 40 mm

Slotted sleeve for Conduit plugs. For blowing in steel cables and plastic ropes from Ø 4 to 8 mm. Divisible slot sleeve to protect the rubber piston during the blowing process. Slotted sleeve has to match the rope diameter to avoid unnecessary air leakage.

Article	Inner - Ø	Weight	Art.no.
Slotted sleeve 4	4 mm	0,2 kg	105780
Slotted sleeve 5	5 mm	0,2 kg	105781
Slotted sleeve 6	6 mm	0,2 kg	105782
Slotted sleeve 7	7 mm	0,2 kg	105783
Slotted sleeve 8	8 mm	0,2 kg	105784

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