

MINIFOR™ SY series electric kernmantle rope hoists for material handling

MINIFOR™ SY SERIES WITH WIRED CONTROL PENDANT

The Minifor® hoist has an extremely reliable drive system for a high speed feed-through (30 m/min) of the loaded or unloaded rope.

The kernmantle rope is made of polyester and has a 9.4 mm diameter. Maximum length 200 m.

This rope has been developed especially for excellent performance, even if the rope shows signs of wear. The rope can be identified by a blue braided cable. The rope core has a ribbon with a Tractel® marking.

Operated by a control pendant (2.5 m cable, Up/Down/Emergency Stop), which is supplied as standard. Power supply cable length 1 metre, with CEE Form connector.

- Unique lifting capacity/self-weight ratio
- High speed (30 m/min)
- Kernmantle rope version
- Reliable and easy to use
- Working load can be increased by using sheaving kit
- Up and down limit switches
- Strong, robust and versatile (IP55)



model	WLL (kg)	lifting speed (m/min)	power (f / VAC / Hz / A)	duty cycle (%)	weight (kg)	code
TR125 SY	125	30	3 / 690 / 50 / 1.3	100	22	245199
TR125 SY	125	30	3 / 400 / 50 / 2.25	100	20	245189
TR125 SY	125	30	1 / 230 / 50 / 6.2	30	20	245169
TR125 SY	125	15	1 / 230 / 50 / 3.9	30	20	245179
TR125 SY	125	15	1 / 115 / 50 / 9	20	21	245159
TR125 SY	125	15	1 / 115 / 60 / 9	20	21	243999

Excluding kernmantle rope. See page 20 and 21 for wire ropes and other accessories.

MINIFOR™ SY series electric kernmantle rope hoists for material handling

MINIFOR™ SY SERIES FOR PLUG-IN CONTROL PENDANT

The control cable length can be flexibly adapted by using the version with connector.
The system must be assembled with a removable plug-in control pendant (to be ordered separately) and an optional extension cable.

model	WLL (kg)	lifting speed (m/min)	power (f / VAC / Hz / A)	duty cycle (%)	weight (kg)	code
TR125 SY	125	30	3 / 690 / 50 / 1.3	100	22	245259
TR125 SY	125	30	3 / 400 / 50 / 2.25	100	20	245249
TR125 SY	125	30	1 / 230 / 50 / 6.2	30	20	245229
TR125 SY	125	15	1 / 230 / 50 / 3.9	30	20	245239
TR125 SY	125	15	1 / 115 / 50 / 9	20	21	245219
TR125 SY	125	15	1 / 115 / 60 / 9	20	21	245209

Excluding kernmantle rope. See page 20 and 21 for ropes and other accessories.

ACCESSORIES

model	description	code
pendant extension	cable length 10 m, with Harting connector	463340
pendant extension	cable length 20 m, with Harting connector	463250
pendant extension	cable length 30 m, with Harting connector	463330

MINIFOR™ SY SERIES WITH RADIO REMOTE CONTROL

The Minifor™ has an integrated radio remote control.
Default range 70 m.

model	WLL (kg)	lifting speed (m/min)	power (f / VAC / Hz / A)	duty cycle (%)	weight (kg)	code
TR125 SY	125	30	3 / 400 / 50 / 2.25	100	20	245299
TR125 SY	125	30	1 / 230 / 50 / 6.2	30	20	245289
TR125 SY	125	15	1 / 230 / 50 / 3.9	30	20	245279
TR125 SY	125	15	1 / 115 / 50 / 9	20	21	245269

Excluding kernmantle rope. See page 20 and 21 for ropes and other accessories.

ACCESSORIES

model	description	code
Relay antenna	increasing the transmission range to 150 m	184756

MINIFOR™ TR series wire rope

MAXIFLEX WIRE ROPE

The Maxiflex wire rope has been developed especially for optimal use guaranteed by Tractel®, in combination with the electric Minifor™ hoists, and can be used under the most extreme circumstances. Supplied on a transport reel. Upon request also available on a drum reel and in different lengths. The wire rope (Ø 6,5 mm) has a hook with safety catch on one side and a tip on the other side.

Minimum breaking load: 2800 daN.

- Supplied on a transport reel.
- Including certificate
- Standard version with tip and hook
- Hook with safety catch
- Different lengths available



length (m)	code
10	108749
20	060999
30	061009
40	061989
50	061019
60	061029
100	061049

MINIFOR™ SY series kernmantle rope

KERNMANTLE ROPE WITH HOOK

The kernmantle rope has been developed especially for optimal use guaranteed by Tractel®, in combination with the electric Minifor™ SY hoists, and can be used under the most extreme circumstances.

The kernmantle rope is made of durable polyester and has a 9.4 mm diameter.

Maximum length 200 m.

The rope can be identified by a blue braided cable. The rope core has a ribbon with a Tractel® marking.

- Durable
- Available in various lengths



description	code
Ø 9.4 mm rope, length 20 m, hook with safety catch	187228
Ø 9.4 mm rope, length 20 m, self-locking hook	187268
Ø 9.4 mm rope, length 20 m, self-locking swivel hook	187248
additional Ø 9.4 mm rope, length 1 metre	217107