

- **Drum winch to mount on a tractor (or similar construction site vehicle) with a pull force of 3,4 to (ST 280) or max. 1,55 to for various usages (mast equipping, tower erection, regulating...)**
- **Other pull forces / bigger rope drums on request**
- **Optional with inductive slack-rope safety system**
- **Robust machine constructed for highest reliability, simple operation and minimal maintenance**
- **Optional operation of the machine via cable or radio remote control from a safe distance => good overview, low noise level and safe position for the operator**
- **High quality control technique enables inching even under maximum load**

Technical data of both rope drums:

(depending on the hydraulic of the driving vehicle

– Data e.g. for 44 l/min and 230 bar)

- Max. pull force and speed:

Type: ST 280

- Middle rope layer: 2.800 daN with 32 m/min
- Inner rope layer: 3.400 daN with 24 m/min
- Speed continuously adjustable: 0 - 39 m/min

Type: ST 140

- Middle rope layer: 1.400 daN with 32 m/min
- Inner rope layer: 1.550 daN with 24 m/min
- Speed continuously adjustable: 0 - 39 m/min

- With free wheel device to pull out ropes by hand (without engine)
- Stable rope guiding device with hardened rope rollers
- Optional with no contact slack-rope safety system (functions only with steel ropes) => prevents rope from getting loose and crossed over
- Large rope drum (=> few rope layers => rope preserving) with stable pressure roller for fixing the rope
- Max. rope capacity: K=44816 => e.g. 440 m with rope Ø 10 mm or 300 m with rope Ø 12 mm

Control of the machine:

- The rope can be indefinitely controlled in/out via a hand lever
- Optional with cable remote control with a 10m cable (functions: continuous control of rope in/out; emergency stop)
- Optional with radio remote control (additional functions: ignition; engine starting)

Hydraulic driving system:

- A complete driving unit consisting of planetary gear, brake and hydraulic motor is integrated in each rope drum => fully enclosed and therefore requiring minimal maintenance
- With automatically activated safety-disc brakes
- High quality control technique enables inching even under maximum load
- Hydraulic hoses and screw connections with special sealing system for a long service life without leakage



Weight and dimensions:

- Weight: approx. 300 kg (without rope)
- Length x width x height: approx. 800 x 1.050 x 630 mm

Frame:

- The frame is adjusted for attachment to the vehicle

Ropes (Optional):

- ST 280:
 - High quality steel hoisting rope Ø 10 mm; Breaking load: 10.100 daN; anti-twist, galvanized; standard length: 300 m
- ST 140:
 - High quality steel hoisting rope Ø 7 mm; breaking load: 5.000 daN; anti-twist, galvanized; standard length: 300 m
 - High quality braided synthetic fibre ropes Ø 12 mm; breaking load: 7.500 daN; anti-twist; standard length: 300 m
- Other steel or synthetic fibre ropes on request

Optional equipment:

- Electrical valve version and socket in the control panel => enables the connection of a cable/radio remote control (manual control remains possible as emergency control)
- Cable remote control
- Radio remote control
- No contact slack-rope safety system
- Special equipment or special models (with different pull forces or bigger rope capacity) on request

Modifications and errors excepted. Illustrations show in part optional equipment. Technical data varied according to model. Machine performance is calculated at sea level at 20°C.