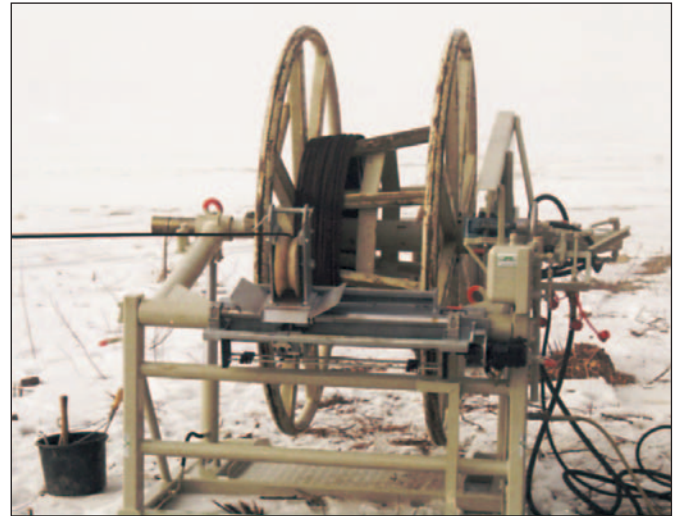


- Hydraulic reel winder for reels up to Ø 1.800 mm / 3.500 kg
- All-purpose, as:
 - hydraulic reel winder behind a Puller-Tensioner
 - mechanically tensioned unwinding unit for pull out of rope (also for helicopter operation)
 - hydraulic Puller for direct pull in of rope
- Manual hydraulic for loading reels independently
- Changing the reel can be carried out very quickly by a single operator without tools
- Hydraulic rope guiding device can be indefinitely adjusted to all rope diameters and reel widths
- Disc-brake system for a controlled pull out of the rope without hydraulic drive ; HTB/D also for helicopter operation



Reel drive unit:

- Drive torque: 1.100 Nm
- Speed continuously adjustable: 0 - 100 m/min (6 km/h)
- With planetary gear and hydraulic motor as enclosed drive system => high reliability and minimal maintenance
- Free wheel device allows a simple pull out of the rope
- With hydraulic quick couplings for connection to a Puller-Tensioner or other drive units (e.g. truck hydraulic)
- In connection with ZECK machines, rope pull in/out is fully automatic hydraulically controlled

Mechanical disc-brake system:

- For usage without hydraulic supply, the disc-brake system allows a controlled pull out of the rope
- Model HTB/D with large disc-brake system (1.900 Nm) for usage as continuous brake ; e.g. pulling rope installation via helicopter

Reel holding fixture:

- Manual hydraulic to lift and lower the reel-holding fixture
- Universal reel-holding fixture can be adjusted to various reel widths
- Available in 2 models:
 - "Zeck" for reels H0, H1, H2, H3, H0/T, H1/T, H2/T and HT
 - "IT" for simple reels with Ø 1.100/ 1.400 mm (1.800 on request)
- Special plug-in axle with quick locking device for simple reels allows a fast change of reels => no tool is necessary
- Reel weight: max. 3.500 kg ;
- Reel diameter: 1.100 - 1.800 mm

Weight and dimensions:

- Weight: approx. 470 kg
- Length x width x height: approx. 1.650 x 1.750 x 1.200 mm

Frame:

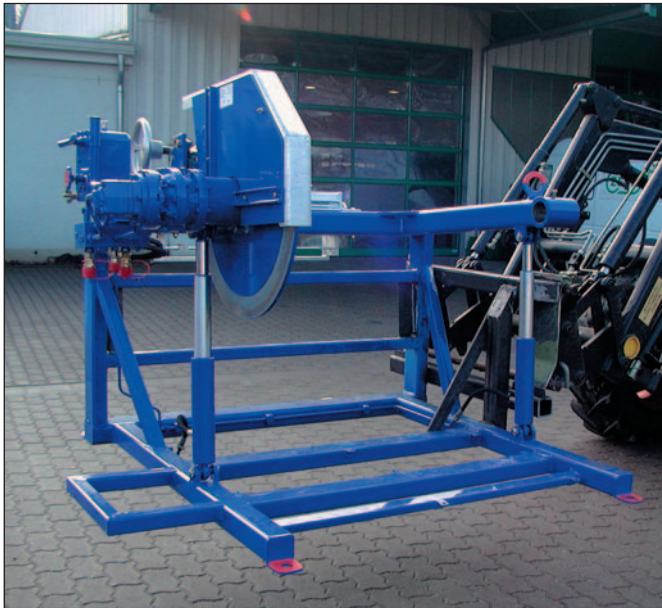
- Stable steel frame with anchoring eyes
- Lifting rings for a simple loading by crane

Rope guiding device (Optional):

- Continuously adjustable to all rope diameters and reel widths – simple adjustment via hand wheel => no tool is necessary !
- With gear unit and hydraulic motor as enclosed drive system => high reliability and minimal maintenance
- With hot galvanized frame and shafts made of rust-free steel
- Subsequent mounting on Zeck reel winders HTB and HTB/D possible

Optional equipment:

- Hose set with quick couplings for connection to the drive unit (standard length: 15 m; or according to customer requirements)
- Grounding plate with holding device
- Special equipment (e.g. mounted or separate engine aggregate or mounting supports for transportation with a front loader) or special models 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.