

- Machine is specially designed for highly efficient scrapping of old conductors / old transmission lines
- Even conductor spacers can be winded up on the drum
- Drum winch with 7 to pulling force at inner diameter and 2,4 to at outside diameter of the drum
- Drum flanges can be opened hydraulically => easily handling of the old conductor package
- Cable remote control for safe and comfortable controlling of all important functions of the machine
- Drum is designed for example for 3.100 m rope-Ø 19 mm (optional according to customer requirements)



Technical data in pulling mode:

- Max. pull force and rope speed:
 - Inner rope layer-Ø (460 mm): 7.000 daN up to 46 m/min
 - Middle rope layer-Ø (880 mm): 3.600 daN up to 88 m/min
 - Outside rope layer-Ø (1.300 mm): 2.400 daN up to 130m/min
- Speed continuously adjustable: 0 - 7,8 km/h (130 m/min)

Control of the machine:

- Cable remote control with 10 m cable to operate the machine:
 - pulling the rope in/out is controlled via a joystick
 - control lever to operate the rope guiding system
 - control lever to open/close the drum flanges
 - emergency stop button
- Emergency operation for controlling the machine by hand
- Control panel with display of the pull force and all instruments to control engine, hydraulic and electrical systems
- Pull force switch off system (inductive system for highest safety of operation)

Cover:

- Lockable cover made of thick-walled aluminium sheet, protects the diesel engine, the hydraulic and the electrical systems => increases the reliability of the machine and is noise reducing

Weight, dimensions and noise level:

- Weight: approx. 1.900 kg
- Length x width x height: approx. 5.300 x 2.400 x 2.520 mm
- Low noise level: approx. 81 dB (A)

Drum Unit:

- The 2 drum flanges can be hydraulically opened - controlled by the remote control => the conductor package then falls automatically on the ground behind the machine (controlled by a guidance device) => and can be easily loaded on a truck
- Width: 850 mm; Outside-Ø: 1.360 mm; Inner-Ø: 460 mm
- Capacity: 1103100 : rope-Ø² = max. rope length (with rope-Ø 19 mm => 3.100 m; with Ø 25 mm => 1.800 m)

Rope guidance system:

- Hydraulic rope guidance ; controlled by the cable remote control
- Can be deactivated by lifting it up hydraulically
- The rope guidance rollers can be adjusted to various positions. In widest position (dimension according to customer requirements) 2-bundle conductors can be winded up together with spacers

Hydraulic drive system:

- Integrated in the drum unit is a complete driving unit consisting of planetary gear, brake and hydraulic motor => fully enclosed and therefore requiring minimal maintenance
- With emergency multiple-disc brake, automatically activated
- High quality control technique enables inching even under maximum load
- Highly effective oil cooling system, electrically activated and controlled via thermostat ; designed for extreme operating conditions
- Hydraulic hoses and screw connections with a special sealing system

Engine:

- Water-cooled diesel engine with 54 kW (73 HP) at 2.000 rpm
- Low speed => long life cycle and low noise level
- 12 V system with high capacity battery for a safe start also at cold temperatures

Frame and support:

- Stable steel frame with anchoring eyes
- Central lifting ring for easy loading by crane
- Back support via 2 robust mechanical supporting winches (with load and idle speed)
- Front support via robust mechanical supporting winches (with load and idle speed)

Standard chassis:

- 1-axle chassis with rigid axle
Optional: air brake system, lighting system, mudguards and
- Stable towing bar with height-adjustable towing eye with \varnothing 40 mm (optional according to customer requirements)

Optionales Fahrwerk:

- 2-axle chassis with spring-mounted axles, pneumatic-hydraulic brake system (with integrated brake cylinders), parking brake, lighting system, mudguards and registration (in Germany up to 80 km/h)

Optional equipment:

- Special Reel for pulling ropes => machine can be used as puller for normal stringing operations with very high rope capacity
- 700 bar hydraulic system with quick couplings => for example to power a hydraulic cutter
- Noise reduction kit for cover
- Front support via hydraulic support cylinder
- Biodegradable hydraulic oil
- Crawler chains to reduce the ground pressure (only for 2 axle chassis)
- Radio remote control (additional functions => ignition; engine starting)
- Special equipment or special models (for example with higher rope capacity or pulling force) 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.