

- Tensioner (basic type without engine) for 1 or 2 conductors up to Ø 45 mm and a tension force of max. 8 to
- Tensioning mode via hydraulically controlled ATS (Automatic Tensioning System)
- Robust machine constructed for highest reliability, easy operation and minimal maintenance
- Optional with chassis and without chassis



#### Technical data in tensioning mode:

- Continuous tension force: 8.000 daN
- Continuously adjustable speed: 0 - 5 km/h (83 m/min)

#### Control of the machine:

- The tension force can be continuously regulated at the control panel; the machine then functions independently via the hydraulic ATS. This system guarantees a constant sag of the conductor.
- Stopping of the machine (= activating the bull wheel brake system) and restarting of the machine (= deactivating the bull wheel brake system) can be controlled manually by the operator
- Control panel with display of the tension force
- Optional with meter counter

#### Bull wheels:

- 2 bull wheels with a diameter of 1.300 mm
- 8 grooves per bull wheel for up to 2 conductors simultaneously
- Designed for max. conductor Ø 45 mm / max. connector Ø 60 mm
- High tensile elastic groove linings (easily replaceable)
- Automatic conductor clamping with integrated grounding device => conductor anchoring not necessary during change of drum

#### Hydraulic drive system:

- In both bull wheels a complete driving unit consisting of planetary gear, brake and hydraulic motor is integrated => fully enclosed and therefore requiring minimal maintenance
- 2 emergency multiple-disc brakes, automatically activated
- Hydraulic activated oil cooling system
- Hydraulic hoses and screw connections with a special sealing system for a long service life without leakage
- Hydraulic differential system for the bull wheel drives => low stress for conductors and planetary gears

#### Version with chassis:

- 1-axle chassis with rigid axle  
Optional: parking brake, lighting system, mudguards and registration
- Stable towing bar; towing eye with Ø 40 mm (optional: Ø of towing eye according to customer requirement)
- Central lifting ring for easy loading by crane
- Back and front support by mechanical parking jacks

#### Version without chassis:

- Stable ground frame without axle and without front/back supports
- Central lifting ring for easy loading by crane

#### Weight and dimensions:

- Weight: 2.000 kg (with chassis); 1.800 kg (without chassis)
- Length x width x height: approx. 3.400 x 2.100 x 2.280 mm (dimensions can be reduced for shipment)

#### Optional equipment:

- lockable cover made of aluminium sheets
- tarpaulin cover
- meter counter
- lockable tool box
- Bull wheels and rope guiding devices with regulating possibilities for „right“ and „left“ conductors
- Special equipment 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.