

SPW 13-19 Z448

SPW 13 Z448

ENGINE

Max. 147 kW (200 hp)

PERFORMANCE IN PULLING MODE

Max. pulling force 130 kN
 Max. speed 4.2 km/h
 Speed at max. pulling force 1.9 km/h

CAPSTAN

Number 2
 Diameter 620 mm
 Groove Ø 60 mm

DIMENSIONS | WEIGHT

Length x Width x Height approx. 4.8 x 2.3 x 2.5 m
 Weight (without rope) approx. 5000 kg

SPW 16 Z448

ENGINE

Max. 147 kW (200 hp)

PERFORMANCE IN PULLING MODE

Max. pulling force 160 kN
 Max. speed 6 km/h
 Speed at max. pulling force 2 km/h

CAPSTAN

Number 2
 Diameter 620 mm
 Groove Ø 60 mm

DIMENSIONS | WEIGHT

Length x Width x Height approx. 4.8 x 2.3 x 2.5 m
 Weight (without rope) approx. 5000 kg

SPW 19 Z448

ENGINE

Max. 200 kW (272 hp)

PERFORMANCE IN PULLING MODE

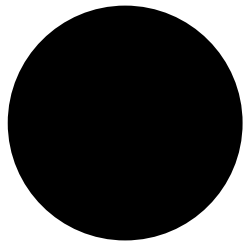
Max. pulling force 190 kN
 Max. speed 6 km/h
 Speed at max. pulling force 2.2 km/h

CAPSTAN

Number 2
 Diameter 620 mm
 Groove Ø 60 mm

DIMENSIONS | WEIGHT

Length x Width x Height approx. 4.8 x 2.3 x 2.5 m
 Weight (without rope) approx. 5400 kg



KEY FACTS

- Completely electronically controlled puller with large capstans (Ø 620 mm) made from hardened steel with a groove diameter of 60 mm

ENGINE

- Liquid-cooled diesel engine with electronic rpm-control
- 24-V system with high capacity battery

DRIVING SYSTEM

- Each capstan with planetary gear and hydraulic motor as completely enclosed drive unit (highly efficient, minimal maintenance)
- Each capstan with an automatically activated safety brake
- Hydraulic reel drive with planetary gear and hydraulic motor (minimal maintenance)

CONTROL SYSTEM

- Control of rope direction and rope speed (infinitely) by joystick
- PLC control for optimized productivity and safety
- Clearly arranged control panel with color display for supervision of pulling force as well as hydraulic, drive, and electric system with an intelligent diagnosis and fault recognition system
- ZECK Stringing Data Record System with USB port
- Automatic hydraulic oil cooling system
- Adjustable overload protection

EQUIPMENT

- 1-axle chassis with rigid axle and parking brake for up to 30 km/h (construction site operation without official approval for road service)
- Lockable aluminum cover (chequer plate)
- Back support via robust mechanical support legs
- Front support via robust hydraulic sprag
- Automatic rope guiding device
- Automatic rope clamping with grounding device
- Hydraulic reel lifting device for reels with Ø 1100 – 1400 mm
- Plug-in axle with quick locking for reel IT (quick change of reel without tools)

OPTIONAL EQUIPMENT

- Precleaner for engine air filter
- ZECK Connect remote diagnosis system
- Automatic rope clamping system
- Brake, lighting and mudguard (for rigid chassis)
- 2-axle chassis with spring-mounted axles, brake, lighting and mudguard for up to 80 km/h (with official approval and homologation for road service)
- Back support via robust hydraulic support legs
- Cable or radio remote control
- Synchronization system for connecting several machines to one another
- Acoustic insulation
- Arctic kit with preheating system for up to -30 °C
- Biodegradable hydraulic oil
- Special wire direction guiding device for use as underground cable winch
- Aluminum cover, color as per RAL color table
- Adjustable rope guidance, hydraulically driven

Special designs on request