SHERMAN+REILLY

PULLER-TENSIONER
WB 1800/14+7 Z366

PERFORMANCE IN PULLING MODE

Max. pulling force	2 x 15,750 lbf OR 1 x 31,500 lbf
Max. speed	4 mph
Max. speed with max. pulling force	1.75 mph

PERFORMANCE IN TENSIONING MODE

Max. tensioning force	2 x 15,750 lbf OR 1 x 31,500 lbf
Max. speed with max. tensioning force	4 mph
Min. tensioning force ATS | SLTS approx.	3,300 lbf 450 lbf (31,500 lbf bull wheels)" 1,574 lbf 330 lbf (15,750 lbf bull wheels)"

BULL WHEEL

Number	4 (2 x 2)
Diameter	71 in
Groove Ø	2.36 in
Number of conductors	up to 2 (1 + 1)

DIMENSIONS | WEIGHT

Length x width x height approx.	297 x 94 x 134 in
Weight approx.	29,700 lbs

KEY FACTS
- Completely electronically controlled puller-tensioner for up to 2 (1 + 1) conductors with 4 (2 x 2) bull wheels (71 in), with groove diameter 2,36 in and max. pulling and tensioning force of 2 x 15,750 lbf or 1x 31,500 lbf
- Each bull wheel can be controlled individually

ENGINE
- Max. 136 hp, Tier 4f
- Liquid-cooled diesel engine with electronic rpm-control
- 24-V system with high capacity battery

DRIVING SYSTEM
- Each bull wheel with planetary gear and hydraulic motor as completely enclosed drive unit (highly efficient, minimal maintenance)
- Each bull wheel with an automatically activated safety brake
- Hydraulic system with quick-action screw couplings to individually control 2 drum stands

CONTROL SYSTEM
- Radio remote control with display
- ATS, Automatic Tensioning System
- PLC control for optimized productivity and safety
- Clearly arranged control panel with color display for supervision of pulling and tensioning 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
- 2-axle chassis with suspended axle, air brake, lighting and mudguard; DOT trailer
- Working platform with railing
- Lockable aluminum cover (chequer plate)
- Acoustic insulation
- Back support via robust hydraulic sprag
- Front support via robust hydraulic support
- Automatic rope/conductor clamping

OPTIONAL EQUIPMENT
- Precleaner for engine air filter
- Printer for ZECK Stringing Data Record System
- Remote diagnosis via GSM network with GPS modem
- Hydraulic system (700/1,000 bar) to power the press tool
- Synchronisation system (multi machine operation)
- SLTS, Smart Low Tensioning System (machine can be used in stringing operations with low tensioning force, e.g. OPGW)
- Arctic Kit with preheating system for up to -22°F
- Biodegradable hydraulic oil
- Aluminum cover, color as per RAL color table

Special designs on request

09|2019

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Subject to modifications and errors. Illustrations my include optional equipment. Technical data can deviate depending upon the machine types. Performance data apply to 20 °C and sea level.