

WB 1800/14+7 Z366

Performance in Pulling Mode

Max. Pulling Force	2 x 15,750 lbf. or 1 x 31,500 lbf.
Max. Pulling Speed	4 mph
Max. Speed w/ Max. Pulling Force	1.75 mph

Performance in Tensioning Mode

Max. Tensioning Force	2 x 15,750 lbf. or 31,500 lbf
Max. Speed w/ Max. Tensioning Force	4 mph
Min. Tensioning Force ATS SLTS Approx.	3,300 lbf. / 1,574 lbf. 450 lbf. / 330 lbf. 31,500 lbf. bullwheels / 15,750 lbf. bullwheels



Bullwheel

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

Dimensions

L x W x H (inches)	297 x 94 x 134
Weight	29,700 lb.



Key Facts

- Completely electronically-controlled puller tensioner for (2; 1+1) conductor with (4; 2+2) bullwheels (71 in.) with a groove dia. of 2.36 in. and a max. pulling and tensioning force of 2x15,750 lbf. or 31,500 lbf.
- Each bullwheel can be controlled independently

Engine

- Max. 275 HP (205 kW), Tier-4 final
- Liquid-cooled diesel engine w/ electronic rpm-control
- 24V system w/ high-capacity battery

Driving System

- Each bullwheel has a planetary gear and hydraulic motor as completely enclosed drive unit (highly efficient, minimal maintenance)
- Each bullwheel has an automatically-activated safety brake
- Hydraulic system w/ quick-action screw couplings to control (2) drum stands

Control System

- Radio remote control w/ display
- Automatic Tensioning System (ATS)
- PLC control for optimized productivity and safety
- Clearly-arranged control panel, w/ color display, for monitoring pulling and tensioning force, hydraulic drive and electric systems w/ an intelligent diagnostic and fault-recognition system
- Zeck stringing data record system w/ USB port
- Automatic hydraulic oil cooling system
- Adjustable overload protection

Equipment

- 2-axle chassis w/ suspended axle, electric brake, lighting and mudguard; DOT trailer
- Lockable aluminum cover (chequer plate)
- Acoustic insulation
- Back support via robust mechanical support legs
- Front support via robust mechanical support winch
- Automatic rope/conductor clamping

Options

- Precleaner for engine air filter
- Printer for stringing data
- Remote diagnosis via GSM network w/ GPS modem
- Hydraulic system (700/1,000 bar) to power pressing tool
- Synchronization system for multi-unit operation
- Smart load tensioning system (SLTS); machine can be used in stringing operations with low tensioning force, e.g. OPGW
- Arctic kit w/ preheating system for up to -22°F
- Biodegradable hydraulic oil
- Aluminum cover, color as per RAL color table
- Special designs upon request