

Pulstar[™]

Hand Built by People Who Care

A Division of Preferred Pump & Equipment, LP

P100

Pulls up to 100,000 lbs.



PULSTAR P100 PULLS UP TO 100,000 LBS.

STANDARD FEATURES & SPECIFICATIONS

PULLING

- 100,000 lbs. hook load accomplished by primary mainline and 6-part traveling block
- Roller bearing sheaves
- Inner stinger may be fully extended and locked mechanically
- Mast is self-supporting and does not require guy cables in most operating conditions (additional tower heights, if selected, have individual load ratings and restrictions)
- We provide highly compacted, high-performance wire rope and also provide a tapered roller bearing eye and hook swivel, Pulstar-engineered 6-part traveling block with roller bearing sheaves, and documented certification

MAST & MAIN FRAME

- Pulstar-engineered and fabricated
- Load tested and proven
- Documented certification

DERRICK ASSEMBLY

- Pulstar engineered rectangular tubing
- Alloy tubing incorporated into stinger
- (8) elevating and holding hydraulic cylinders incorporated into elevation and holdback
- Once in the layback position, we can maintain 475,000 lbs. of holdback automatically, making our derrick truly self-supporting
- Documented certification

WIRE ROPE

- Highly compacted and rotation-resistant
- High-performance configuration for state-of-the-art durability
- Documented certification

PRIMARY MAINLINE

- Pulstar-engineered winch drum and drives
- Planetary reduction
- Failsafe hydraulic disc brakes
- Lebus grooving sleeves installed
- Heavy hoist option
- 2-speed option
- Electronic shift on the fly
- 6-line traveling block reeved at all times
- Eye and hook swivel and high-performance wire rope
- Documented certification

TAILOUT WINCH

- Pulstar-engineered drum and drives
- Planetary driven
- Hydraulic failsafe brake
- Lebus grooving sleeve
- 140 FPM bare spool line speed
- 8,500 lbs. bare spool pull
- High-performance wire rope and swivel hook provided
- Documented certification

HYDRAULIC SYSTEM

- Pressure-compensated, load-sensing pump
- Independed stacker control valves
- Remotes provided where noted

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STANDARD FEATURES & SPECIFICATIONS (continued)

HYDRAULIC SYSTEM (continued)

- Hydraulic reservoir heater
- Hydraulic oil cooler with auto ON/OFF thermostat
- Auxiliary hydraulics can be provided to the rear of rig with pressure compensation to provide power to power tongs and/or spinners

LOAD INDICATOR

- Hydraulic compression style
- Readout gauge at operator's console shows **actual** hook load on 6-part traveling block eye and hook swivel
- Documented certification

ADDITIONAL SAFETY ITEMS

- Hydraulic bypass valve will not allow over-pulling
- Hydraulic valving automatically puts system into standby pressure when derrick is lowered
- Electronic E-Kill technology incorporated into rig/truck system
- (2) E-Kill electronic switches located at rear of rig
- Documented certification

OPTIONS (at additional cost)

- Lebus split sleeve grooving on any winch
- Secondary mainline
- Proportional remote control (tethered) on any winch
- Wireless remote control on any winch
- Cathead(s) with rollers
- Basic breakout wrench and hardware
- Dual breakout system with cables and fairleads
- Hydraulic jib boom
- Additional mast height (44' standard; 64' max)
- Rig complete lighting package (LED)
- Auxiliary hydraulics to the rear (basic)
- Hydraulic source for power tongs (intricate)
- Electronic spudder - well rehab
- Dual front outriggers (behind cab) with lock valves
- Cummins deck engine package
- Utility pneumatics plumbed to rear with outlet(s)

SANDLINE OPTIONS

1. Direct drive / 400 FPM / 4,000 lbs. bare spool pull / Will hold 900' of 5/8" max
2. Planetary drive / 300 FPM / 8,000 lbs. bare spool pull / Will hold 900' of 5/8" max
3. Direct drive / 400 FPM / 4,000 lbs. bare spool pull / Will hold 2,000' of 5/8" max
4. Planetary drive / 300 FPM / 8,000 lbs. bare spool pull / Will hold 2,000' of 5/8" max
5. Direct drive / 400 FPM / 4,000 lbs. bare spool pull / Will hold 3,200' of 5/8" max
6. Planetary drive / 300 FPM / 8,000 lbs. bare spool pull / Will hold 3,200' of 5/8" max
7. Planetary drive / 200 FPM / 15,000 lbs. bare spool pull / Will hold 2,500' of 5/8" max

FLATBED & OPTIONS

- 20' minimum length
- Under-body toolboxes (steel skeleton frame, aluminum boxes)
- Above-body toolboxes / aluminum boxes with tray kits
- EXHD non-towing bumper
- Headache rack
- Banding rail package (Deck width increases to 102")

It is highly recommended that you allow Pulstar to supply a class 8 truck - tandem rear axles, heavy-duty front axle, diesel engine, heavy ON/OFF road specs. Pulstar is FET Exempt.