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
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.