P20
Pulls up to 20,000 lbs.
**STANDARD FEATURES & SPECIFICATIONS**

**PULLING**
- 6,700 lbs. bare spool pull (Single Line)
- 13,400 lbs. bare spool pull (Double Line)
- 20,000 lbs. bare spool pull (Triple Line)

**PROPULSION**
- Direct-mount PTO - transmission

**HYDRAULICS**
- Direct-mount PTO, gear or vane pump, open system valving
- 25 GPM max @ 2,500 PSI hydraulics
- Hydraulic valve failsafe bypass protection

**MAIN WINCH**
- Self-contained, sealed oil bath planetary, hydraulic disc brake
- Low-speed approx. 70 FPM @ 2,500 PSI
- High-speed approx 140 FPM @ 2,500 PSI
- 9/16” HP wire rope with 7T and 11T swivel hook
- Inline weight standard

**TAILOUT WINCH**
- Sealed oil bath gear reducer drive
- Wire rope and swivel hook
- Tethered remote control optional

**REMOTE CONTROL**
- Tethered remote control available (optional)

**RIG MAIN FRAME**
- Pulstar-designed and engineered

**MAIN DERRICK & EXTENSION STINGER**
- 36’ standard height, 50’ max. extension height
- 8’ max. layback (increases with longer derrick)
- Windmill extension available

**CONTROL PANEL**
- Electronic and manual hydraulic controls
- Gauges, identifiers, and load rating plate

**LEVELING HYDRAULIC CYLINDERS / JACKS**
- (2) 24” stroke independently controlled / rear
- Holding lock valves standard

**MAST ELEVATING HYDRAULIC CYLINDERS**
- (2) 4” x 48” with holding lock valves standard

**OVERALL DIMENSIONS**
- 19’, 6” (L) x 6’ (W)
- Derrick Up Height (Mounted on Class 5 Carrier): 37’
- Derrick Down Height (Mounted on Class 5 Carrier): 10’

**OPTIONS (adds to overall cost)**

**CARRIER**
- Minimum: Dodge RAM 5500 DRW or Ford F-550 DRW

**SERVICE BODIES**
- 9’-11’ solid or top opening / various configurations

**FLATBEDS**
- 9’-11’ steel/alum. construction / various configurations

* Load tested & certified

**OPTIONS (continued)**

**REMOTE CONTROL**
- Tethered remote control, remote control adjustable response, wireless remote control

**AUXILIARY HYDRAULICS TO REAR**
- 0 - 25 GPM @ 2,500 PSI auxiliary hydraulics

**SANDLINE WINCH**
- Freefall or non-freefall style 2,750 lbs. (Bare drum)
- “Sandline Ready” option available

**CATHEAD**
- Multiple styles available
- (Requires auxiliary hydraulics to the rear)

**HYDRAULIC OIL COOLER**
- Auto ON/OFF with temperature setting variable

**FRONT HYDRAULIC OUTRIGGER**
- Recommended for supreme leveling
- Front spring suspension movement alleviate

**PIPE RACKS**
- 18’ closed front with straps (Conventional)
- Fully hydraulic lowering / raising available

**BREAKOUT SYSTEM**
- Hydraulic breakout cylinder and hardware
- (Requires auxiliary hydraulics to the rear)

**NIGHT LIGHTS**
- Derrick LED lights / guards
- Cargo bay LED lights

**WELL REHAB**
- Electronic spudder (Requires remote control response)

**TAILGATE**
- HD drop in style

**HYDRAULIC WIRE WINDERS**
- Automatically roll up submersible wire (Multiple models)

**SEALED ROLLER BEARING SHEAVES**
- ILO brass bushings

**HYDRAULIC WELDER**
- Welder/generator combo or generator only

**POLY-PIPE SPOOL**
- 53” / hydraulic / top-of-boom mounted
- (Requires auxiliary hydraulics to the rear)

**HIGH IDLE PARAMETER SETTING**
- Needed with all computer-controlled engines

**LONG OUTRIGGER JACKS**
- Recommended for all current truck models

**CUSTOM-BUILT TALLER RIG FRAME**
- Needed for trucks with taller cabs

**HEATED HYDRAULIC OIL RESERVOIR**
- Recommended when operating in extremely cold weather