P20HD
Pulls up to 27,000 lbs.
STANDARD FEATURES & SPECIFICATIONS

PULLING
9,000 lbs. bare spool pull (Single Line)
18,000 lbs. bare spool pull (Double Line)
27,000 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. 55 FPM @ 2,500 PSI
High-speed approx 110 FPM @ 2,500 PSI
9/16” HP wire rope with 7T and 11T swivel hook
Inline weight standard
Electronic 2-speed shift on the fly available (optional)

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

REMOTE CONTROL
Tethered remote control (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; ** See “Additional Capacity Available” in optional section

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 alleviates

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)

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