

FOREMOST APEX-100



TAKING VERSATILITY TO A NEW LEVEL

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Tilting Top Drive

- 6" ID Thru Bore Spindle Shaft
- Floating Spindle - 3" travel
- 6-5/8" API IF Box Thread
- Low Speed 1: 20,540 ft-lbs @ 67 RPM
- Low Speed 2: 13,690 ft-lbs @ 101 RPM
- High Speed 1: 10,270 ft-lbs @ 134 RPM
- High Speed 2: 6,850 ft-lbs @ 200 RPM
- 0 to 70 degree, 1,500 lb capacity

Mast and Feed System

- Mast Slide for Angle Drilling from Vertical to 45 degrees
- Patented Cylinder Gear Feed System - no cables or chains
- 100,000 lbs Pullback
- 25,000 lbs Pulldown
- 29' Top Drive Travel
- 150 ft/min Regen Speed (11.5 seconds for full stroke)

Split Table c/w Hands Free Breakout System

- Hydraulically retracting rear gate; Manual swing to open front gate
- Split Table operating range 3 1/2" to 14"
- Maximum Table Opening 28"
- Hydraulically Powered Make Up/ Breakout Wrench
- Hydraulically controlled Slot Wrench
- Gripping Range: 3 1/2" - 8 5/8"

Engine

- Cat C18 800 HP @ 1800 RPM
- Tier 4 - SCR, DOC, 30 gallon DEF tank
- Cooling rated to 50 deg C ambient
- Hydraulically actuated clutch - Compressor PTO

Compressor

- Sullair 1350 cfm @ 350 psi 1150 cfm @ 500 psi
- (2) Auxiliary Booster Inputs
- Air Service and Remote Operated Dump Valves
- Air Plumbing rated to 1,000 psi

Air Line Lubricator

- Graco Python Air Driven

Water Pump

- FMC L0618-HV Direct Hydraulic Drive
- 24 gpm @ 700 psi

Controls

- Parker IQAN PLC controlled electric over hydraulic for all functions
- Remote control console with single tether cable for Drill Control
- Radio Remote Control for Setup and Pipe Handling Controls

Hydraulic System

- Cooling rated to 50 deg C
- High Efficiency Cyclone Hydraulic Tank c/w clean outs and filters
- 6 Pad Pump Drive for Individual Pump Mounting - no piggy back
- Dedicated pumps for Top Drive, Feed, Cooling, and accessories.

Options

Hands Free Pipe Handling

- Failsafe clamping system
- Jaws accept 4"-8-5/8" OD pipe
- Radio Remote Controls

Pipe Storage & Dispensing System

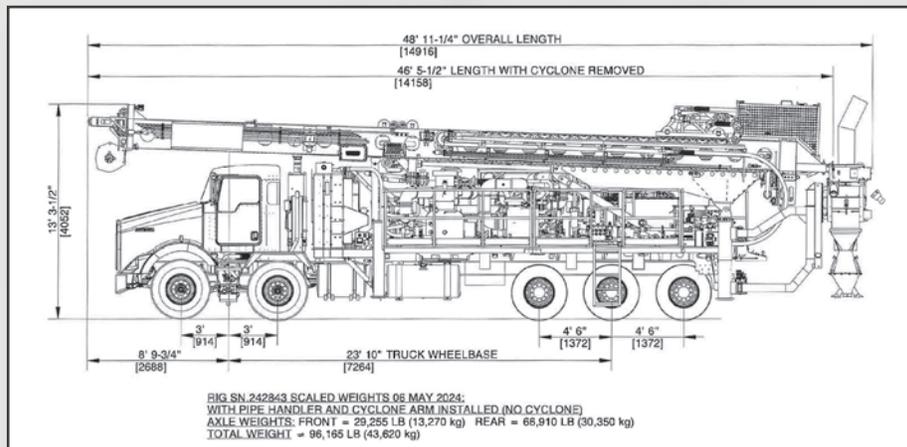
- Hands-free for loading from side of rig
- 20' Lengths of 4" to 7" RC pipe
- Capacity for 4-1/2" RC pipe - 600m
- Radio Remote Controls

Hose Minder Winch

Sandline Winch

Cyclone c/w Sampling System

Service Winch with Jib



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