

CompactRotoSonic Crawler

Type CRS-F-XL



Feel the sonic vibe!



CRS-F XL

CompactRotoSonic Crawler

CompactRotoSonic HT drill head

- Sonic vibration oscillator output force 100 kN @ 0-150 Hz / 22480 lbf @ 0-150 Hz
- 2 Eccentrics, mechanically synchronized
- Rotation torque: clockwise 2.5 kNm @ 185 bar / 1844 ft-lbf @ 2685 PSI, 0-120 rpm
- Rotation torque: counter clockwise 2.8 kNm @ 210 bar / 2065 ft-lbf @ 3045 PSI, 0-120 rpm

Rig

- John Deere 4 cylinder water cooled engine 104 kW /140 hp or 129 kW /173 hp
104 kW / 140 hp
- Dimensions folded (L x W x H) approx. 6000 x 2000 x 2890 mm / 19' 8" x 6' 7" x 9' 6"
- Height (when drilling) 6000 mm / 19' 8"
- Weight approx. 9000 kg / 19841 lbs
129 kW /173 hp
- Dimensions folded (L x W x H) approx. 6000 x 2100 x 2890 mm / 19' 8" x 6' 11" x 9' 6"
- Height (when drilling) 6000 mm / 19' 8"
- Weight approx. 10000 kg / 22046 lbs

- Fuel tank (diesel): 190 liter / 50 gallon
- Load sense hydraulic system
- Control panel on turning arm
- High pressure water pump 19 l/min @ 210 bar / 5 gpm @ 3045 PSI
- Large flow water pump 160 l/min @ 45 bar / 42 gpm @ 652 PSI
- Aluminum water tank: 500 liter / 132 gallon
- Rubber tracks
- Radio remote for driving
- Casing rack
- Work lights

Mast

- Stroke: 3500 mm / 11' 6"
- Mast dump: 600 mm / 2'
- Pull up 50 kN / 11240 lbf
- Pull down 35 kN / 7868 lbf
- Pull up & down speed 40 m/min / 130 ft/min
- Double hydraulic break out clamp 60 - 280 mm / 2-3/8" - 11"
 - Adjustable clamping force of 110 kN / 24730 lbf
 - Break out torque 20 kNm / 14750 ft-lbf
 - Hydraulic break out cylinder

Winch

- Pull at 1st layer 10 kN / 2250 lbf

Options

- SPT auto drop hammer with blow counter on control panel
- Casing lifter mounted on break out clamp 200kN / 44960 lbf, stroke 300 mm / 1'
- Steel tracks
- Swivel for liquid, foam or air; 35 bar/ 507 PSI

