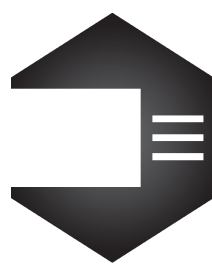

RTD55



SOLUTION
Mécanique Diésel
Équipements de forage



RTD Drill
QUALITY DRILLING EQUIPMENT

RTD55

Dimensions

Mast Up - Mast Down

Length	10.54 - 15.60 m	32.8 ft - 51.2 ft
Operating width	3.1 m	10 ft
Height	4.01 - 15.20 m	13.2 ft - 49.9 ft

Transport dimensions

Length	15.60 m	51.2 ft
Operating width	3.1m	10 ft
Height	4.06 m	13.3 ft
Total weight	36 288 kg	80 000 lbs

Undercarriage

Model	Reichdrill or equivalent	
Type	325 L	
Overall length	3.60 m	11.10 ft
Triple grouser	600 mm	23.62 in
Travel speed	1.45 - 2.41 km/h	0.9 - 1.5 mph
Gradeability	Up to 50%	

Pulldown Pullback

Mast	12.5 m	41 ft
Stroke	10.4 m	34 ft
Pull down	211.3 kN	47 510 lbf
Pull back	110 kN	24 725 lbf

Main Frame

Leveling jacks	One front and two rear	
Bore diameter	127 mm	5 in
Stroke	1219 mm	48 in
Pad size	610 mm	24 in

Power Pack

Tier III - Tier IV Stage V - Tier IV Final

Engine type	CAT C15 Cummins - QSX15	
Power	432 - 447 kW	580 - 600 hp
Speed	1 800 tr/min	
Fuel Tank	1419 l	375 US gal

Compressor

Model	Reichdrill or equivalent	
Type	Single - two stages screw oil flooded	
Volume		
Min	25.5 m³/min	900 cfm
Max	31.1 m³/min	1100 cfm
Pressure		
Min	8.6 bar	125 psi
Max	25.5 bar	375 psi

Drill Pipe

Recommended hole size	127 - 172 mm
	5 - 6¾ in

Recommended drill pipe length	9.14 m	30 ft
4 + 1 carroussel	Ø 102 - 140 mm	4 - 5½ in
Max drilling depth	45.57 m	149.6 ft
Single pass depth	9 m	29.6 ft

Rotary Head

Type	Dual motor system	
Speed	0 - 141 rpm	
Torque	7 292 Nm	64 543 lbf-in

Cooling system

Model	Multicore cooler package with thermostatically controlled fan	
Standard ambient	Up to 54.4°C	up to 130°F

RTD55

Operator cabin

Rating	FOPS-ROPS EU Standard
Noise	Less than 75 dBA

Operator controls and related

REGEN for increased speed

Mast lock and leveling jack indicator lights

Isolated and pressurized operator's cab with A/C

Tinted safety glass

Operator Vision Assist System including 7 in - 178 mm LCD/LED

Two compact color cameras with 115° horizontal 86° vertical viewing angle

Standard equipments

Emergency stop shutdown located on both sides of the cab

Electronic resonating horn

Amber beacons on mast and crown

Ø 4 in (101mm) spindle sub with 4 in API IF pin thread

Standard halogen & xenon night lighting, 9 halogen and 2 xenon exterior night lights illuminating the mast, mast table, and drill deck

Safety Kit including: 2 hard hats and 1 fire extinguisher

24-VDC to 12-VDC power converter

AM/FM stereo radio/MP3 and two HD speakers

Drill pipe thread greasing system

Options

Angle Drilling (0°- 30° in 5° increments)

Double stand-up operator's cab, includes walkway along full right side of drill base

Full walkway around perimeter of machine

Mesabi multicore cooler

6+1 pod carousel for 30-ft (9.1-m) drill pipe, Ø 4 1/2 - 5 1/2 in 14-mm - 140 mm

9 GPM - 34.1 LPM water injection pump

NVE Dust Control, 3600 CFM

Central Service Center for fuel, engine, compressor, hydraulics, and coolant

Arctic package

Our network



99, Troy Hawk Run Highway
Philipsburg
PA, 16866 - United States
+1 (814) 342-5500

Votre concessionnaire RTDrill pour l'est du Canada
Solution Mécanique Diésel
418-836-0101
www.mecanique-diesel.ca

