
RTD55 C



RTDrill
BY REICHDRIILL

RTD55 C

DIMENSIONS

	Mast up	Mast down
Length	9,99 m - 32.8 ft	15,60 m - 51.2 ft
Operating width	3,05 m - 10 ft	
Height	15,21 m - 49.9 ft	4,02 m - 13.2 ft

TRANSPORT DIMENSIONS

Length	15,60 m	51.2 ft
Width	3,05 m	10 ft
Height	4,05 m	13.3 ft
Total weight	36 287 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	1 219 mm	48 in
Pad size	610 mm	24 in

POWER PACK

	Tier III - Tier IV - Tier IVf - Tier V	
Engine type	Caterpillar C15 - Cummins QSX15	
Power	432 - 447 kW	580 - 600 hp
Speed	1 800 rpm	
Fuel tank	1 419 L	375 US gal

COMPRESSOR

Model	Reichdrill or equivalent	
Type	Single - two stages, screw, oil flooded	
Volume		
Min	21,2 m ³ /min	750 cfm
Max	31,1 m ³ /min	1 100 cfm
Pressure	8,6 bar	125 psi

DRILL PIPE

Recommended hole size	165 - 229 mm	6 ½ - 9 in
Recommended drill pipe length	9,14 m	30 ft
4+1 carousel	Ø 127 mm	5 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	14 574 Nm	129 075 lbf-in

COOLING SYSTEM

Model	Multicore cooler package with thermostatically controlled fan	
Standard ambient	-36°C to +54,4°C	-33°F to 130°F

RTD55 C

OPERATOR CABIN

Rating: **FOPS** Standard

Noise: **Less than 75 dBA**

OPERATOR CONTROLS AND RELATED

Mast lock and leveling jack indicator lights

Isolated and pressurized operator's cab with A/C

Tinted safety glass

STANDARD EQUIPMENTS

Emergency stop shutdown located on both sides of the cab

Electronic resonating horn

Amber beacons on mast and crown

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

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

Safety kit including 2 hard hats and 1 fire extinguisher

OPTIONS

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

Double stand-up operator's cab

Partial walkway, cab to full right side of the machine

Full walkway around perimeter of the machine

24-VDC to 12-VDC power converter

AM/FM stereo radio/MP3 and two HD speakers

Cab heater (floor)

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

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

4+1 carousel for Ø 5 ½ in (140 mm) x 30 ft (9,1 m) drill pipe

9 GPM - 34,1 LPM water injection pump

NVE Dust Control, 3 600 CFM

Drill pipe thread greasing system

Central service center for fuel, engine, compressor, hydraulics and coolant

Artic package

Additional standard and optional equipments are available, contact the local sales representative for pricing and availability.

Product specifications and dimensions may change without prior notice.

