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# RTD55 C



**RTDrill**  
BY REICHDRILL

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# 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	25,5 m³/min	900 cfm
	Max	31,1 m³/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 carrousel	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

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# RTD55 C

## OPERATOR CABIN

Rating: **FOPS-ROPS** EU 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

Full walkway around perimeter of machine

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.*

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A world map with a dark blue background and white country borders. Twenty red pins are placed on the map to indicate sampling locations. The pins are distributed as follows: 7 in North America (USA and Canada), 5 in South America (Brazil and Argentina), 5 in Europe, 5 in Africa, 3 in Asia (Russia, India, and Southeast Asia), and 1 in Australia. Russia is shaded in light gray, while all other landmasses are dark blue.



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