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# RTD55



**RTDrill**  
BY REICHDRIILL

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# RTD55

## DIMENSIONS

	Mast up	Mast down
Length	9,98 m - 32.8 ft	15,60 m - 51.2 ft
Operating width	3,05 m - 10 ft	
Height	15,21 m - 49.9 ft	4,05 m - 13.3 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	211,4 kN	47 517 lbf
Pull back	110,1 kN	24 740 lbf

## MAIN FRAME

Leveling jacks	4	
Bore diameter	127 mm	5 in
Stroke	1 219 mm	48 in
Front pad size	610 mm	24 in
Rear pad size	457 mm	18 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 m <sup>3</sup> /min	900 cfm
Max	30,3 m <sup>3</sup> /min	1 070 cfm
Pressure		
Min	8,6 bar	125 psi
Max	25,9 bar	375 psi

## DRILL PIPE

Recommended hole size	127 - 172 mm	5 - 6 ¾ in
Recommended drill pipe length	9,14 m	30 ft
4+1 carousel	Ø102 - 140 mm	4 - 5 ½ 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	644 543 lbf-in

## COOLING SYSTEM

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

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## 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 (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

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 ½ - 5 ½ in (114 - 140 mm)

9 GPM - 34,1 LPM water injection pump

NVE Dust Control, 3 600 CFM

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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# Our distributors



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