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# RTD75



**RTDrill**  
BY REICHDRILL

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# RTD75

## DIMENSIONS

	Mast up	Mast down
Length	18,6 m - 61.11 ft	14,1 m - 46 ft
Operating width (full walkways)	6,8 m - 22.5 ft	
Height	18,3 m - 60 ft	5,5 m - 18.7 ft

## SHIPPING DIMENSIONS

BASE		
Length	14 m	46 ft
Width	4,3 m	14 ft
Height	4,3 m	14 ft
MAST		
Length	16,1 m	52.7 ft
Width	2,4 m	7.8 ft
Height	1,9 m	6.2 ft
Total weight	81 647 kg	180 000 lbs

6,1 m - 20 ft **Shipping container:** partial cab, support, walkways, misc parts

Estimated weight: 6 803 kg - 15 000 lbs

## UNDERCARRIAGE

Model	Reichdrill or equivalent	
Type	D8	
Overall length	5,99 m	19 ft 8 in
Triple grouser	800 m	31.5 in
Travel speed	1,29 - 2,1 km/h	0.8 - 1.3 mph
Gradeability	Up to 45%	

## PULLDOWN PULLBACK

Mast	15,2 m	50 ft
Stroke	13,4 m	44 ft
Pull down	404,2 kN	98 960 lbf
Pull back	244,6 kN	54 978 lbf

## MAIN FRAME

Leveling jacks	One front and two rear	
Bore diameter	203 mm	8 in
Stroke	1 219 mm	48 in
Pad size - front	965 mm	38 in
Pad size - rear	660 mm	26 in

## POWER PACK

	Tier III - IV final	
Engine type	Caterpillar C27 - Cummins QSK23	
Power	708 kW	950 hp
Speed	1 800 tr/min	
Fuel tank	3 028 L	800 US gal

## COMPRESSOR

Model	Reichdrill or equivalent	
Type	Single - two stages screw oil flooded	
Volume		
Min	31,8 m <sup>3</sup> /min	1 370 CFM
Max	76,5 m <sup>3</sup> /min	2 700 CFM
Pressure		
Min	8,6 bar	125 PSI
Max	25,9 bar	375 PSI

## DRILL PIPE

Recommended hole size	229 - 311 mm	9 - 12 ¼ in
Recommended drill pipe length	12,2 m	40 ft
4+1 carousel	Ø 178 - 219 mm	Ø 7 - 8 ⅝ in
Max drilling depth	61 m	200 ft
Single pass depth	12,07 m	39.6 ft

## ROTARY HEAD

Type	Dual motor system	
Speed	0 - 141 rpm	
Torque	16 107 Nm	142 560 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: 2 persons operator's **FOPS** cab **ISO3449**

Noise: **Less than 75 dBA**

Controls: **Electric - hydraulic**

## 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

Walkway from operator's cab to right deck and access ladder

## STANDARD EQUIPMENTS

24-VDC to 12-VDC power converter

AM/FM stereo radio/MP3 and two HD speakers

Drill pipe thread greasing system

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

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

9 gpm (34.1 LPM) water injection pump (water tank is optional)

Safety kit including 2 hard hats and 1 fire extinguisher

## OPTIONS

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

Full walkways: from cab to right side, left side, rear of cab and mast work deck

Rotary head: 0 - 106 rpm @ 190 081 lbf-in 21 476 Nm torque

Mesabi multicore cooler

Angle drilling - 0° - 20° in 5° increments or 0° - 30° in 5° increments

3+1 (max depth: 48,62 m - 159.6 ft) carousel for up to Ø 9 5/8 in (244 mm) drill pipe, up to 40 ft (12,2 m) length

5+1 (max depth: 73 m - 239.6 ft) carousel for up to Ø 8 5/8 in (219 mm) drill pipe, up to 40 ft (12,2 m) length

Auxiliary 600 GAL - 2 271 L water tank

NVE Dust Control, 7 200 CFM - 204 m<sup>3</sup>/min capacity

Cold weather package

Fire suppression systems

Upgraded lighting package LED

*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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