
RTD75 SP



RTDrill
BY REICHDRILL

RTD75 SP

DIMENSIONS

	Mast up	Mast down
Length	14,2 m - 46.5 ft	23,9 m - 78.6 ft
Operating width	6,8 m - 22.5 ft	
Height	23,8 m - 78 ft	5,5 m - 18.7 ft

SHIPPING DIMENSIONS

BASE		
Length	14 m	46 ft
Width	4,27 m	14 ft
Height	4,27 m	14 ft

MAST		
Length	21,6 m	71 ft
Width	2,1 m	6.8 ft
Height	1,89 m	6.2 ft
Total weight	85 275 kg	188 000 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	22 m	72 ft
Stroke	18,9 m	62 ft
Pulldown	421 kN	94 700 lbf
Pullback	125 kN	28 075 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 rpm	
Fuel tank	3 028 L	800 US gal

COMPRESSOR

Model		Reichdrill or equivalent	
Type		Single - two stages screw oil flooded	
Volume			
	Min	42,5 m³/min	1 500 CFM
	Max	76,5 m³/min	2 700 CFM
Pressure			
	Min	6,9 bar	100 PSI
	Max	25,9 bar	375 PSI

DRILL PIPE

Recommended hole size	229 - 311 mm	9 - 12 ¼ in
Recommended drill pipe length	7,62 m	25 ft
2+2 carrousel	Ø 178 - 219 mm	Ø 7 - 8 ⅝ in
Max drilling depth	33,22 m	109 ft
Single pass depth	17,98 m	59 ft

ROTARY HEAD

Type	Dual motor system	
Speed	0 - 141 rpm	
Torque	14 585 Nm	10 757 lbf-ft

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

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

Centralized lubrication

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

Auxiliary 600 GAL - 2 271 L water tank

Cold weather package

NVE Dust Control, 7 200 CFM - 204 m³/min capacity

Fire suppression systems

Upgraded lighting package LED

Compressor variable volume control

Central service center for fuel, engine, compressor, hydraulic and coolant fluids

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.

A world map with a light gray background and dark gray country borders. The landmasses are colored in a solid teal or slate blue. 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), 10 in South America (primarily Brazil and Argentina), 10 in Europe (spanning from the British Isles to Russia), 10 in Africa (spanning from Morocco to South Africa), 3 in Asia (Russia, India, and China), 2 in Southeast Asia (Indonesia and Philippines), and 1 in Australia.



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