
RTD45



RTDrill
BY REICHDRILL

RTD45

DIMENSIONS

	Mast up	Mast down
Length	8,81 m - 28.92 ft	13,41 m - 44 ft
Operating width	2,51 m - 8,25 ft	
Height	12,31 m - 40.38 ft	3,61 m - 11.83 ft

TRANSPORT DIMENSIONS

Length	13,41 m	44 ft
Width	2,51 m	8.25 ft
Height	3,61 m	11.83 ft
Total weight	24 948 kg	55 000 lbs

UNDERCARRIAGE

Model	Reichdrill or equivalent	
Type	315 L or equivalent	
Overall length	3,63 m	11.92 ft
Triple grouser	450 mm	17.72 in
Travel speed	1,45 - 2,57 km/h	0.9 - 1.6 mph
Gradeability	Up to 50%	

PULLDOWN PULLBACK

Lattice mast	10,67 m	35 ft
Stroke	8,53 m	28 ft
Pull down	123,8 kN	27 833 lbf
Pull back	68,8 kN	15 463 lbf

MAIN FRAME

Leveling jacks	One front and two rear	
Bore diameter	127 mm	5 in
Stroke	914 mm	36 in
Pad size	457 mm	18 in

POWER PACK

	Tier III - Tier IV final	
Engine type	Caterpillar C15 - Cummins QSX15	
Power	403 kW	540 hp
Speed	1 800 rpm	
Fuel tank	927 L	245 US gal

COMPRESSOR

Model	Reichdrill or equivalent	
Type	Single or two stages, screw, oil flooded	
Volume		
Min	21,3 m ³ /min	700 CFM
Max	25,5 m ³ /min	900 CFM
Pressure		
Min	8,6 bar	125 PSI
Max	24,1 bar	350 PSI

DRILL PIPE

Recommended hole size	127 - 165 mm	5 - 6.5 in
Recommended drill pipe length	7,62 m	25 ft
4+1 carousel	Ø 102 - 114 mm	4 - 4 ½ in
Max drilling depth	30,97 m	101.6 ft
Single pass depth	8,10 m	26.6 ft

ROTARY HEAD

Type	Single hydraulic motor drive	
Speed	0 - 141 rpm	
Torque	7 130 Nm	63 108 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** Standard

Noise: **Less than 82 dBA**

OPERATOR CONTROLS AND RELATED

Mast lock and leveling jack indicator lights

Isolated and pressurized operator's cab

Air conditioning - heat - pressurization

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 buttons located on left and right sides and in the operator's cab

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

Safety kit including 2 hard hats and 1 fire extinguisher

OPTIONS

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

Double stand-up operator's cab, includes walkway along full right side of drill base

NVE Dust Control, 3 600 CFM - 101,9 m³/min

9 GPM - 34,1 LPM water injection pump

Auxiliary water tank:

454 L - 100 US gal

511 L - 135 US gal

794 L - 210 US gal

1 154 L - 305 US gal

1 230 L - 325 US gal

Centralized lubrication

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

Artic package

LED night lighting

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.
