
RTD45



RTD Drill
QUALITY DRILLING EQUIPMENT

RTD45

Dimensions

Mast Down - Mast Up

Length	13.41 - 8.81m	44 - 28.92 ft
Operating width	2.51 m	8.25 ft
Height	3.61 - 12.31 m	11.83 - 40.38 ft

Transport dimensions

Length	13.41 m	44 ft
Operating width	2.51m	8.25 ft
Height	3.61 m	11.83 ft
Total weight	24 950 kg	55 000 lbs

Undercarriage

Model	Reichdrill or equivalent	
Type	315 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

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	CAT C15 - Cummins QSX15	
Power	403 kW	540 hp
Speed	1 800 tr/min	
Fuel Tank	927 l	245 US gal

Compressor

Model	Reichdrill or equivalent	
Type	Two stages screw, oil flooded	
Volume		
Min	21.3 m³/min	700 cfm
Max	25.5 m³/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
3 + 1 caroussel	Ø 102 - 114 mm	4 - 4½ in
Max drilling depth	30.94 m	101.6 ft
Single pass depth	8.08 m	26.6 ft

Rotary Head

Type	Dual motor system	
Speed	0 - 141 rpm	
Torque	7 130 Nm	63 108 lbf-in

Cooling system

Model	Multicore cooler package with thermostatically controlled fan	
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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 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

24 VDC to 12 VDC power converter
AM/FM stereo radio/MP3 and two HD speakers
Drill pipe thread greasing system
Ø 4 in (102 mm) spindle sub with 4 in API IF pin thread
Standard halogen & xenon night lighting,
9 halogen and 2 xenon exterior night lights
illuminating the mast, mast table, and drill deck
Safety Kit including: 2 hard hats and 1 fire
extinguisher
Emergency stop buttons located on left and right
sides and in the operator's cab

Options

Double stand-up operator's cab, includes walkaway
along full right side of drill base
Angle drilling: 0° -30° in 5° increments
NVE Dust Control, 3600 CFM - 101.9 m³/min
9 GPM - 34.1 LPM water injection pump
Auxiliary tank 454 l - 100 US gal
Centralized lubrication
Central service center for fuel, engine, compressor,
hydraulic and coolant
Arctic package
LED night lighting

Our network



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