

---

# RTD45



# 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	29 483 kg	65 000 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 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 carrousel	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

---

# RTD45

## 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 m<sup>3</sup>/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.*

---

---

# Our distributors



Get more details about our distributors  
on <https://rtdrill.com/distributors/> or scan :



## Our office

99, Troy Hawk Run Highway  
Philipsburg  
Pennsylvania, 16866  
United States of America

+1 (814) 342-5500  
contact@rtdrill.com



**RTDrill**  
BY REICHDRILL