
RTD45



RTDrill
BY REICHDRIILL

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 | 325 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

| | | |
|-----------|----------|------------|
| 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 | 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 | Ø102 - 114 mm | 4 - 4 ½ in |
| Max drilling depth | 30,97 m | 101.6 ft |
| Single pass depth | 8,18 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 | |
| Standard ambient | up to +54,4°C | up to 130°F |

RTD45

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

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 tank 454 L - 100 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 REICHRILL