
RTD55



RTDrill
BY REICHDRIILL

RTD55

DIMENSIONS

| | Mast up | Mast down |
|-----------------|-------------------|-------------------|
| Length | 9,98 m - 32.8 ft | 15,60 m - 51.2 ft |
| Operating width | 3,05 m - 10 ft | |
| Height | 15,21 m - 49.9 ft | 4,05 m - 13.3 ft |

TRANSPORT DIMENSIONS

| | | |
|--------------|-----------|------------|
| Length | 15,60 m | 51.2 ft |
| Width | 3,05 m | 10 ft |
| Height | 4,05 m | 13.3 ft |
| Total weight | 36 287 kg | 80 000 lbs |

UNDERCARRIAGE

| | | |
|----------------|--------------------------|---------------|
| Model | Reichdrill or equivalent | |
| Type | 325 L | |
| Overall length | 3,60 m | 11.10 ft |
| Triple grouser | 600 mm | 23.62 in |
| Travel speed | 1,45 - 2,41 km/h | 0.9 - 1.5 mph |
| Gradeability | Up to 50% | |

PULLDOWN PULLBACK

| | | |
|-----------|----------|------------|
| Mast | 12,5 m | 41 ft |
| Stroke | 10,4 m | 34 ft |
| Pull down | 211,4 kN | 47 517 lbf |
| Pull back | 110,1 kN | 24 740 lbf |

MAIN FRAME

| | | |
|----------------|----------|-------|
| Leveling jacks | 3 | |
| Bore diameter | 127 mm | 5 in |
| Stroke | 1 219 mm | 48 in |
| Front pad size | 610 mm | 24 in |
| Rear pad size | 457 mm | 18 in |

POWER PACK

| | Tier III - Tier IV - Tier IVf - Tier V | |
|-------------|--|--------------|
| Engine type | Caterpillar C15 - Cummins QSX15 | |
| Power | 432 - 447 kW | 580 - 600 hp |
| Speed | 1 800 rpm | |
| Fuel tank | 1 419 L | 375 US gal |

COMPRESSOR

| | | |
|---------------|---------------------------------------|-----------------|
| Model | Reichdrill or equivalent | |
| Type | Single - two stages screw oil flooded | |
| Volume | | |
| High pressure | 25,5 - 38,5 m ³ /min | 900 - 1 360 CFM |
| Low pressure | 21,2 - 31,1 m ³ /min | 750 - 1 100 CFM |
| Pressure | | |
| High pressure | 24,1 - 25,9 bar | 350 - 375 PSI |
| Low pressure | 8,6 bar | 125 PSI |

DRILL PIPE

| | | |
|-------------------------------|---------------|------------|
| Recommended hole size | 127 - 172 mm | 5 - 6 ¾ in |
| Recommended drill pipe length | 9,14 m | 30 ft |
| 4+1 carousel | Ø102 - 140 mm | 4 - 5 ½ in |
| Max drilling depth | 45,57 m | 149.6 ft |
| Single pass depth | 9 m | 29.6 ft |

ROTARY HEAD

| | | |
|--------|-------------------|---------------|
| Type | Dual motor system | |
| Speed | 0 - 141 rpm | |
| Torque | 7 292 Nm | 64 543 lbf-in |

COOLING SYSTEM

| | | |
|------------------|---|-------------|
| Model | Multicore cooler package with thermostatically controlled fan | |
| Standard ambient | up to +54,4°C | up to 130°F |

RTD55

OPERATOR CABIN

Rating: **FOPS** Standard

Noise: **Less than 82 dBA**

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

STANDARD EQUIPMENTS

Emergency stop shutdown located on both sides of the cab

Electronic resonating horn

Amber beacons on mast and crown

Ø 4 in (101 mm) spindle sub with 4 in API IF pin thread

Standard halogen & xenon lighting, 9 halogens and 2 xenon night lights illuminating the mast, mast table and drill deck

Safety kit including 2 hard hats and 1 fire extinguisher

24-VDC to 12-VDC power converter

AM/FM stereo radio/MP3 and two HD speakers

Drill pipe thread greasing system

OPTIONS

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

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

Full walkway around perimeter of machine

Mesabi multicore cooler

6+1 pod carousel for 30 ft (9,1 m) drill pipe, Ø 4 ½ - 5 ½ in (114 - 140 mm)

9 GPM - 34,1 LPM water injection pump

NVE Dust Control, 3 600 CFM

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

Artic package

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 :



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