

RTD65T



RTDrill
QUALITY DRILLING EQUIPMENT



Dimensions

	Mast down	Mast up
Length m - ft	12,61 - 41,4	12 - 39,4
Operating width m - ft	2,52 - 8,3	
Height m - ft	4,17 - 13,8	12,56 - 41,2
Total weight Kg - lbs	Up to 27 240 - 60 000	

MACK Truck

Power kW - hp		377 - 505
Axle Rating kg - lbs	Front	9 072 - 20 000
	Rear	20 865 - 46 000
Optional Lift Axle kg - lbs	Steerable	9 072 - 20 000

Engine

Type	CAT C15
Power kW - hp	433 - 580
Speed tr/min - rpm	1 800
Fuel tank volume l - US gal	662 - 175
Water tank volume l - US gal	454 - 120

Compressor

Compressor Type	Reichdrill
Standard - High Pressure	Single / Two Stage Screw, Oil Flooded
Optional High Pressure	30.3 m ³ /min @ 8.6 Bar - 1 070 cfm @ 125 psi
	25.5 m ³ /min @ 25.9 Bar - 900 cfm @ 375 psi

Drill Pipe

Recommended hole size mm - in	127 - 171.1 / 5 - 63/4
Recommended drill pipe length m - ft	7,6 - 25
4+1 Std Capacity Up to Ø5 - 1/2 in (139.7mm) m - ft	38,1 - 125
Up to 7+1 capacity UP to Ø5 - 1/2 in (139.7mm) m - ft	60,96 - 200
Max drilling depth m - ft	61 - 207
Single pass depth m - ft	6,78 - 22,3

Pulldown & Hoist

Pulldown Kg - Lbs	12 247 - 27 000	
Feed speed m/min - fpm	Standard	14,8 - 48,56
	Rapid	53,6 - 175,74
Hoist Kg - Lbs	16 148 - 35 600	
Hoist speed m/min - fpm	Standard	10,40 - 34,11
	Rapid	37,63 - 123,45

Rotary Head

Type	Top head
Speed rpm	0 - 141
Torque Nm - lb-in	6 474 - 57 300

Main frame

		Leveling jacks
Diameter mm - in	Front	127 - 5
	Rear	102 - 4
Stroke mm - in	Front	1 219 - 48
	Rear	914 - 36
Jack Pad Diameter mm - in	457 - 18	

Cooling system

Standard ambient °C - °F	43 - 110
High ambient °C - °F	54 - 130

Control station

Controls	Electric - Hydraulic
Climate controls	Filtered, pressurized, AC and heater
Interior noise level	Less than 75 d(B)A

Hydraulics

System	Open loop	
Filtration	Standard	12-micron return
	Option	5-micron in-line high pressure

Options

Air compressor and Power related: multicore cooler package with thermostatic controlled fan for 54°C - 130° F ambient cooler

Drill Mast, angle related : Angle drilling 0° - 30° in 5° increments)

Water injection, Dust control and related

Drill Mast and Related

Hydraulic indexing and hydraulic index lick pins

Reichdrill hydraulic power breakout tong

Hydraulic automatic "V"

8,500 lb. (3,856 kg) winch

Safety lock on drill pipe carousel

Operator Controls and Related

REGEN for increased rapod feed function

Mast lock and leveling jack indicator lights

Isolated and pressurized operator's cab with A/C and tinted safety glass

E-stop shutdown, group - both sides and cab

Drill pipe thread grease system