

# 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 <sup>3</sup> /min @ 8.6 Bar - 1 070 cfm @ 125 psi
	25.5 m <sup>3</sup> /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

Model	Mesabi® Multi-core
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: Mesabi 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