

RTD65TW



RTDrill
QUALITY DRILLING EQUIPMENT



Dimensions

	Mast down	Mast up
Length m - ft	11,73 - 38,6	11 - 36
Operating width m - ft	2,52 - 8,3	
Height m - ft	4,11 - 13,6	12,34 - 40,6
Total weight Kg - lbs	Up to 27 361- 60 320	

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	25.5 m ³ /min @ 24.1 Bar - 900 cfm @ 350 psi
	30.3 m ³ /min @ 24.1 Bar - 1 070 cfm @ 350 psi

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Main Specifications

Drill Pipe

Recommended hole size mm - in	127 - 222,3 / 5 - 8 3/4
Recommended drill pipe length m - ft	6,1 - 20
7+1 Std Capacity Up to 4- 1/2 in (114.3mm) m - ft	48,8 - 160
9 Pod Capacity Up to 4- 1/2 in (114.3mm) m - ft	54,9 - 180

Pulldown & Hoist

Pulldown Kg - Lbs	12 247 - 27 000
Feed speed m/min - fpm	Standard 14,8 - 48,56
	Rapid 44,4 - 145,68
Hoist Kg - Lbs	17 237 - 38 000
Hoist speed m/min - fpm	Standard 10,40 - 34,11
	Rapid 31,19 - 102,34

Rotary Head

Type	Top head
Speed rpm	0 - 108
Torque Nm - lb-in	6 463 - 57 00

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	Lever / Cable
Platforms	Operator & Helper

Hydraulics

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

Options

Main Frame : 4-Jack Leveling System / 18 Ø4" (101.6 mm) / 15 piece Ø4 1/2" (114.3 mm)

Rotary Head, 0-141 RPM @ 57,300lb-in (6,474 Nm) torque

Compressor variable volume control

Drill Mast and Related

Hydraulic indexing and locking

Hydraulic power Breakout

8,500 lbf (3,856 kgf) Winch

Wireless Barrel Loader, Jib Swing/Retract & Winch Control

Extended mast for Weldco Beales Air Operated Casing Hammer (NO Hammer)

Operator Controls and Related

Petol & Chain in lieu of standard Rigid PBO wrench

High Pressure Filtration Option

High Pressure Filtration Option for Rotation Circuit ONLY

Air Operated Casing Hammer Mounting Kit (NO CASING HAMMER INCLUDED)

Hyd Operated Casing Hammer Mounting Kit (NO CASING HAMMER INCLUDED)

Water Injection, Dust Control and Related

9 GPM (34.1 LPM) water injection pump

20 GPM (75.7 LPM) water injection pump

25 GPM (94.6 LPM) water injection pump

120 US gal (454 L) water tank