

RTD28



RTD Drill
QUALITY DRILLING EQUIPMENT



Dimensions

	Tier IV final
Length mm - ft	11 750 - 38,5
Width w/ dust collector mm - ft	2 480 - 8,1
Height w/ dust collector mm - ft	3 300 - 10,8
Total weight Kg - lbs	25 500 - 56 100
Departure angle °	16

Crawler

Driving Speed Km/h - mph	1,5 - 2,9 - 0,93-1,8
Gradeability %	50%
Crawler oscillation °	+12°/- 8°
Ground clearance mm - in	420 - 16,38
Ground pressure kN/m ²	123,6

Power Pack

	Tier IV final
Engine type	CAT C13
Power kW	309
Speed tr/min	1 800
Fuel tank volume l - US gal	720 - 190
Hydraulic tank volume l - US gal	320 - 85

Compressor

Compressor Type	GHH-HR2
Air volume m ³ /min - CFM	20,6 - 727
Pressure bar - PSI	24 - 348

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Main Specifications

Tier IV Final

Boom	
Boom Type	Rigid boom
Boom Length mm - in	2 000 - 78
Feed relocation mm - in	1 500 - 58,5
Boom up/down °	30 -25
Boom left/right °	35 each
Tilt angle °	120
Slewing angle-Mast °	110

Mast	
Type	CF25
Drill tube length mm - in	5 000 - 195
Feed force N - lbf	45 000 - 10 125
Net drill depth m	40
Distance machine to drilling axis mm - in	2900 - 113
Feed advance mm - in	1 500 - 58,5
Ground clearance mm - in	1 100 - 42,9

Drill Tube Carroussel	
Type	Drill Tube Carroussel
Number of tubes	7 + 1
Drill tube length mm - ft	5 000 - 16,4
Drill tube diameter mm - in	76-89-102 / 3-3,5-4
Drill tube thread	API 2 3/8 " - API 3 1/2 "
Hole diameter mm - in	89 - 152 / 3,5 - 6

Rotary Head	
Type	RH400
Weight Kg - Lbs	120 - 264
Operating pressure bar - PSI	200 - 2 900
Speed 1/min - rpm	0 - 72
Torque Nm - lb-in	4 400 - 38 940

Dust Collector	
Type	X-150
Number of filters	4
Filter area m ² - sq ft	16 - 172
Weight Kg - Lbs	220 - 484

Electrical Equipment	
Voltage V	24
Battery capacity (Ah)	2 x 200
Generator	24 V - 105A

Other Data	
Start temperature lower level °c - F	-20 / - 4
Temperature °c - F	50 - 122
Altitude m - ft	2 000 - 6 561

Standard Equipments

Cabin FOPS/ROPS with AC - Protective guard - Reversing alarm
 Control stand with joystick for drilling procedure : boom regulation and driving
 Cabine: wiper, washing system, adjustable operator seat and rear view mirror
 Power pack: Return line filter, combination cooler for compressor- an hydraulic oil
 Reversing camera for Tier IV

Options

Rollover device 270° - Telescopic boom -
 Angle indicator and depthmeter LIM
 Dust collector pre-skimmer - Pneumatic drill bit grinding machine
 Manual hydraulic oil filling pump - Park heating system for cab and oils
 Electrical fuel filling pump - Hydraulic tube guiding (at front of mast)
 Lubrification system (greasing points)
 Water and foam injecting system

