

RTD32



Dimensions	Tier III A	Tier IV	Power Pack	Tier III A	Tier IV
Length mm - ft	12 550- 41,1		Engine type	CAT C15	CUMMINS QSX15
Width w/ dust collector mm - ft	2 500 - 8,2		Power kW	403	403
Height w/ dust collector mm - ft	3 700 - 11,8		Speed tr/min	1800 - 2100	1800
Total weight Kg - lbs	31 000 - 68 200		Fuel tank volume l - US gal	950 - 250	
Departure angle °	16		Hydraulic tank volume l - US gal	320 - 85	
Crawler			Compressor		
Driving Speed Km/h - mph	1,89 - 3,10 - 1,17-1,92		Compressor Type	GHH - CF1000H	
Gradeability %	60%		Air volume m ³ /min - CFM	28 - 989	
Crawler oscillation °	+10 - 8		Pressure bar - PSI	28 - 406	
Ground clearance mm - in	450 - 17,55				
Ground pressure kN/m ²	135				

Tier III A Tier IV

Boom	
Boom Type	TB30 Rigid Boom
Boom Length mm - in	1 400 - 54,6
Feed relocation mm- in	2000 - 78
Boom up/down °	30 - 22
Boom left/right °	18 - 25
Tilt angle °	120
Slewing angle-Mast °	105

Mast	
Type	CF32
Drill tube length mm - in	6 000 - 234
Feed force N - lbf	45 000 - 10 125
Net drill depth m	40
Distance machine to drilling axis mm - in	2100 - 82
Feed advance mm - in	2000 - 78
Ground clearance mm - in	500 - 19,5

Drill Tube Caroussel	
Type	Drill Tube Caroussel
Number of tubes	7 + 1
Drill tube length mm - in	6 000 - 234
Drill tube diameter mm - in	102 - 114 -139/ 4 - 4,5 - 5,5
Drill tube thread	API 2 3/8" and API 3 1/2"
Hole diameter mm - in	105 - 203 / 4 - 8

Rotary Head	
Type	RH500
Weight Kg - Lbs	140 - 308
Operating pressure bar - PSI	200 - 2 900
Speed rpm	86
Torque Nm - lb-in	5 500 - 48 675

Dust Collector	
Type	X-200
Number of filters	6
Filter area m ² - sq ft	24 - 258
Weight Kg - Lbs	350 - 777

Electrical Equipment	
Voltage V	24
Battery capacity (Ah)	2 x 200 4 x 214
Generator	24V - 95 A

Other Data	
Start temperature lower level °c - °F	- 10 / 14
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: Aggregate equipment : Return line filter, air:water filters, £ combi-cooling, combination cooler for compressor- an hydraulic oil
- Drilling controls: Electric remote control for kinematic and drill function
- Reversing camera

Options

- Telescopic boom - Angle idicator and depthmeter
- Pneumatic drill bit grinding machine
- 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)
- Lubrication system (greasing points)
- Water and foam injecting system

