

RTD25



Dimensions	Tier III A non CE	Tier IV Interim - final	Power Pack	Tier III non CE	Tier IV Interim - final
Length mm - ft	10 500 - 34,5	10 500 - 34,5	Engine type	Cummins QSB 6.7-C260	Cummins QSB 6.7-C260
Width w/ dust collector mm - ft	2 480 - 8,1	2 480 - 8,1	Power kW	194	194
Height w/ dust collector mm - ft	3 000 - 9,8	3 000 - 9,8	Speed tr/min	2200	2200
Total weight Kg - lbs	18 000 - 39 600	18 000 - 39 600	Fuel tank volume l - US gal	420 - 110	420 - 110
Departure angle °	18	18	Hydraulic tank volume l - US gal	240 - 63	240 - 63
Crawler			Compressor		
Driving Speed Km/h - mph	1,9-3,5 - 1,17-2,17	1,9-3,5 - 1,17-2,17	Compressor Type	GHH CF128G	GHH CF128G
Gradeability %	70%	70%	Air volume m ³ /min - CFM	14,76 - 521	14,76 - 521
Crawler oscillation °	+/- 10°	+/- 10°	Pressure bar - PSI	16 - 232	16 - 232
Ground clearance mm - in	270 - 10,53	270 - 10,53			
Ground pressure kN/m ²	100	100			

Tier III Tier IV

Boom	
Boom Type	Rigid boom (telescopic option)
Boom Length mm - in	1100 - 43 rigid boom - 1700 - 66,3 telescope boom
Feed relocation mm - in	1200 - 46,8
Boom up/down °	32 - 30
Boom left/right °	38 each
Tilt angle °	120
Slewing angle-Mast °	115

Mast		
Type	CF160	Option CF25 - RH400
Drill tube length mm - in	4 000 - 156	4 000 - 156
Feed force N - lbf	20 000 - 4 500	40 000 - 9 000
Net drill depth m	32	32
Distance machine to drilling axis mm - in	1900 - 74	1900 - 74
Feed advance mm - in	1 000 - 39	1 500 - 58,5
Ground clearance mm - in	350 - 13,65	

Drill Tube Carroussel	
Type	Drill Tube Carroussel
Number of tubes	7 + 1
Drill tube length mm - in	4 000 - 156
Drill tube diameter mm - in	76-89 / 3-3,5
Drill tube thread	API 2 3/8"
Hole diameter mm - in	89 - 115 / 3,5 - 4,5

Rotary Head		
Type	RH220	Option RH400
Weight Kg - Lbs	100 - 220	120 - 264
Operating pressure bar - PSI	200 - 2 900	200 - 2 900
Speed rpm	0 - 110	0 - 72
Torque Nm - lb-in	2 200 - 19 470	4 400 - 38 940

Dust Collector	
Type	X-125
Number of filters	2
Filter area m ² - sq ft	8 - 86
Weight Kg - Lbs	160 - 352

Electrical Equipment	
Voltage V	24
Battery capacity (Ah)	2 x 100
Generator	24V - 70A

Other Data	
Start temperature lower level °c - F	-4 / 25
Temperature °c - F	50 - 122
Altitude m - ft	2 000 - 6 561

Standard Equipments

- Cabin FOPS/ROPS with AC - FOPS protective guard - Reversing alarm
- Control stand with joystick for drilling procedure : boom feed regulation and driving
- Cabine: wiper, washing system, adjustable operator seat and rear view mirror
- Power pack: Aggregate equipment : 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 System
- 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
- Rotary head RH400

