

# RTD20



<b>Dimensions</b>	<b>Tier III non CE</b>	<b>Tier IV Interim - final</b>	<b>Power Pack</b>	<b>Tier III non CE</b>	<b>Tier IV Interim - final</b>
Length mm - ft	8 000 - 26	9000 - 29	Engine type	Cummins QSB 6.7 C220	Cummins QSB 6.7 C220
Width w/ dust collector mm - ft	2 490 - 8	2 490 - 8	Power kW	164	164
Height w/ dust collector mm - ft	3000 - 10	3000 - 10	Speed tr/min	2 200	2 200
Total weight Kg - lbs	10 200 - 22 440	11 500 - 25 300	Fuel tank volume l - US gal	300 - 80	300 - 80
Departure angle °	22	22	Hydraulic tank volume l - US gal	200 - 53	200 - 53
<b>Crawler</b>			<b>Compressor</b>		
Driving Speed Km/h - mph	2,8 - 4,1/1,73-2,54	2,8 - 4,1/1,73-2,54	Compressor Type	GHH CF128G	GHH CF128G
Gradeability %	70%	70%	Air volume m <sup>3</sup> /min - CFM	11,39 - 402	11,39 - 402
Crawler oscillation °	+/- 10°	+/- 10°	Pressure bar - PSI	15 - 217	15 - 217
Ground clearance mm - in	270 - 10,53	270 - 10,53			
Ground pressure kN/m <sup>2</sup>	94,3	94,3			

	Tier III	Tier IV
<b>Boom</b>		
Boom Type	Rigid boom	Rigid boom
Boom Length mm - in	400 - 15,6	400 - 15,6
Feed relocation mm- in	1 200 - 46,8	1 200 - 46,8
Boom up/down °	40 - 25	40 - 25
Boom left/right °	each 45	each 45
Tilt angle °	90	90
Slewing angle-Mast °	90	90

<b>Mast</b>		
Type	CF 160	CF 160
Drill tube length mm - in	3 000 - 117	3 000 - 117
Feed force N - lbf	20 000 - 4 500	20 000 - 4 500
Net drill depth m with carousel	24	24
Distance machine to drilling axis mm - in	1 000 - 39	850 - 33
Feed advance mm - in	1 000 - 39	1000 - 39
Ground clearance mm - in	1 100 - 42,9	1 100 - 42,9

<b>Drill Tube Carousel</b>	<b>Option</b>
Type	Drill Tube Carousel
Number of tubes	7 + 1
Drill tube length mm - in	3 000 - 117
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

<b>Rotary Head</b>	
Type	RH220
Weight Kg - Lbs	100 - 220
Operating pressure bar - PSI	200 - 2 900
Speed rpm	0 - 110
Torque Nm - lb-in	2 200 - 19 470

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

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

<b>Other Data</b>	
Start temperature lower level °c - F	- 4 / 25
Temperature °c - F	50 - 122
Altitude m - ft	2 500 - 8 202

## Standard Equipments

Reversing alarm
2 travelling speed
2 manuals (paper + CD)
Power pack: Return line filter, combination cooler for compressor an hydraulic oil
Drilling controls: Electric remote control for cinematic and drill function
Driving controls: Manual hydraulic

## Options

Rollover device 270°
Angle indicator and depthmeter
Dust collector pre-skimmer
Manual hydraulic oil filling pump
Electrical fuel filling pump
Lubrication system (greasing points)
Water and foam injecting system
Radio remote control

