

RTD20



RTDrill
QUALITY DRILLING EQUIPMENT



Dimensions	Tier III non CE	Tier IV Interim - final	Power Pack	Tier III non CE	Tier IV Interim - final
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
Crawler			Compressor		
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 ³ /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 ²	94,3	94,3			

RTD20

Main Specifications

	Tier III	Tier IV
Boom		
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

Mast		
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

Drill Tube Carousel	Option
Type	Drill Tube Carousel
Number of tubes	7 + 1
Drill tube length mm - ft	3 000 - 9,84
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	RH220
Weight Kg - Lbs	100 - 220	100 - 220
Operating pressure bar - PSI	200 - 2 900	200 - 2 900
Speed 1/min - rpm	0 - 110	0 - 110
Torque Nm - lb-in	2 200 - 19 470	2 200 - 19 470

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

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

Other Data		
Start temperature lower level °c - F	-20 / - 4	-20 / - 4
Temperature °c - F	50 - 122	50 - 122
Altitude m - ft	2 500 - 8 202	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

