



**RTDrill**  
QUALITY DRILLING EQUIPMENT

**RTD32**



# RTD32

## Dimensions

Overall length	12.95m	42.28 ft
Overall width	2.5 m	8 ft
Height	3.9 m	11.9 ft
Total weight	32 000 kg	70 672 lbs
Departure angle	16°	

## Crawler

Driving speed	1.9 - 3.1 km/h	1.2 - 1.9 mph
Gradeability	40% - 21°	
Crawler oscillation	-10° / +8°	
Ground clearance	460 mm	18.1 in
Ground pressure	135 kN/m <sup>2</sup>	

## Boom

Boom type	TBE32 Rigid boom	
Boom length	1 990 mm	6.5 ft
Distance to drilling axis	2 200mm	7.21 ft
Boom Slewing	+30° / -30°	
Boom left - right	-25° / 17°	
Tilt angle	-5° / +115°	

## Mast

Total length	10 600 mm	417.3 in
Travel length	6 900 mm	271.6 in
Feed force	30 kN	6 744 lbf
Tractive pull	30 kN	6 744 lbf
Feed shift	2 000 mm	78.7 in
Hydraulic hammer guiding	Yes	
Hydraulic drill tube guiding	Yes	

## Dust collector

Number of filters	6	
Filter area	24 m <sup>2</sup>	258 sq ft

## Power Pack

### Tier III A - Tier IV

Engine type	Caterpillar C15 - QSX15	
Power	403 - 410 kW	540 - 550hp
Speed	1 800 - 2100 rpm	
Fuel Tank	950 l	251 gal
Hydraulic tank	350 l	92 gal

## Compressor

Model	GHH - CF1000H	
Air volume	28.4 m <sup>3</sup> /min	1003 CFM
Pressure	28 bar	406 PSI

## Drill tube carousel

Number of tubes	7 + 1	
Drill tube length	6 000 mm	19.68 ft
Drill tube diameter	102 - 114 - 127 mm	4 - 4.5 - 5 in
Drill tube thread	API 2 7/8" REG and API 3 1/8" REG	
Hole diameter	120- 172 mm	4.7 - 6.7 in
Max drill depth	48 m	157 ft

## Rotary Head

Type	RH5X	
Max rotation	92 rpm	
Torque	3.45 kNm	25 446 lbf in
Operating pressure	200 bar	2 900 PSI

## Electrical equipment

Voltage	24 V	
Battery capacity	2 x 12 V 1400 CCA 200 Ah	
Generator	24 V - 150 A	

## Other Data

Start temperature lower level	- 10° c	14° F
Artic Kit	- 20 to -45° c	- 4 to -49° F
Tropical Kit	40 to 55° c	104 to 131° F
Temperature	+ 40° c	104° F
Altitude	1 500 m	4 922 ft

## Specifications

# RTD32

## Operator cabin

**Rating** FOPS-ROPS EU Standard

**Noise** Less than 81 dBA

## Standard equipments

Cabin FOPS - ROPS with Air Conditioning

Rubber vibration dampers

Wiper, washing system, fully adjustable operator seat

Radio/CD

Reversing camera with cab-mounted monitor

Control stand with joystick for drilling procedure :  
Boom regulation and driving

Power pack: Aggregate equipment, return line filter -  
air, water filters, combi-cooling, combination cooler for  
compressor

Drilling controls: Electric remote control for kinematic  
and drill function

Cold start facility (Ether injection)

## Options

Angle indicator and depthmeter

Pneumatic drill bit grinding machine

Dust collector pre-separator

Pneumatic drill bit grinding machine

Manual hydraulic oil filling pump

Electrical fuel filling pump

Park heating system for cab and oils

Lubrication system greasing points

Water and foam injecting system

Front guard cabin

Winch



# Our network



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