

PowerROC T25

Surface drill rig for drill site construction and civil engineering, and small aggregate and limestone quarrying.

Hole diameter: 51–89 mm (2"–3½")

 Epiroc



Available when you need it

With its robust structure and straightforward design, the PowerROC T25 E ensures high availability and good accessibility. The rig stands firmly on a well-proven technology platform that will benefit your operations, wherever they take place.



+ Ease of operation for more output

The straightforward design ensures ease of operation and high availability, making drilling easier and maintenance less complicated. The minimal electric components save you a lot of energy when troubleshooting. Also, all service points are within arm's reach, which enables easy accessibility and greatly simplifies maintenance. It can drill both vertical and front toe holes with 30 degrees indexed feed and side control combination, which provides you great versatility for different applications.



+ Great performance even in fractured rock conditions

The PowerROC T25 E is equipped with an RD 14S rock drill, which has outstanding drilling efficiency and lower maintenance costs thanks to our well proven technology. The onboard Atlas Copco C111 compressor delivers sufficient air giving clean holes for faster drilling and better blasting quality.



+ High maneuverability and safety

Its light weight provides both higher terrainability and energy savings. The rig is ergonomically designed to give operators great comfort as well as outstanding safety during both tramming and drilling.

A comprehensive service offering

Even the best equipment needs to be serviced regularly to make sure it sustains peak performance. An Epiroc service solution offers peace of mind, maximizing availability and performance throughout the lifetime of your equipment. We focus on safety, productivity and reliability.

By combining genuine parts and an Epiroc service from our certified technicians, we safeguard your productivity – wherever you are.



Technical specifications

Main components

- Track frames with single grouser pads, hydraulic track oscillation and two speed traction
- Tier 3 (Stage IIIA) diesel engine, Cummins QSB6.7 119 kW
- Screw type air compressor
- Standard boom system
- Hydraulic motor and chain driven steel feed system
- Carousel type rod handling system
- Hydraulic rock drill
- Dust collection system

Engine

Cummins turbo charged, diesel engine QSB 6.7, Tier IIIA/stage 3	Metric	US
Power rating at 2 300 rpm	119 kW	160 hp

Compressor

Atlas Copco C111 screw type air compressor	Metric	US
Working pressure, max	8.8 bar	128 psi
FAD, at normal working pressure	101 l/s	215 cfm

Hydraulic system

Hydraulic oil cooler	Metric	US
Max ambient temperature	50°C	122°F

Feed

Hydraulic motor driven feed with hose reel with centralizer and slide hood	Metric	US
Feed extension	1 500 mm	59'
Feed rate, max	0.6 m/s	118 ft/min
Feed force, max	19.6 kN	4 406 lbf
Tractive pull, max	19.6 kN	4 406 lbf
Total length	7 720 mm	303.9'
Travel length	4 200 mm	165.4'

Dust collector

	Metric	US
Filter area	14.4 m ²	154sq.ft
Number of filter elements	6 pcs	6 pcs
Cleaning air pressure, max	4.0 bar	58.0 psi
Cleaning air volume	17 l/pulse	0.6 cu.ft/pulse

Electrical system

Voltage	24 V
Batteries	2 x 12 V, 96 Ah
Alternator	24 V, 70 A
Work lights, front	2 x 70 W
Work lights, rear	1 x 70 W
Warning lamp and reverse buzzer (Option)	

Volumes

	Metric	US
Hydraulic oil tank	200 l	53 US gal
Hydraulic system, total	280 l	74 US gal
Compressor oil	20 l	5.3 US gal
Diesel engine oil	25 l	6.6 US gal
Diesel engine, cooling water	33 l	8.7 US gal
Diesel engine, fuel tank	290 l	76.6 US gal

Hydraulic rock drill

Rock drill	Impact power	Hydraulic pressure	Impact rate	Max torque	Weight approx
RD 14S	14 kW (18.8 hp)	145 bar (2 100 psi)	2 650 bpm	700 Nm (516 lbf-ft)(O7) 865 Nm (638 lbf-ft)(O8)	220 kg (485 lb)

Hole range (recommended)

Type of drilling	Drill steel type	Drilling diameter	Max hole depth	Drill steel length
Single pass	T38, T45	51-89 mm (2-3½')	3.6 m (12')	4 270 mm (14') x 1
Extension drilling			15.8 m (52')	4 270 mm (14') x 1 3 050 mm (10') x 4
			18.3 m (60')	4 270 mm (14') x 1 3 660 mm (12') x 4
			14.6 m (48')	4 270 mm (14') x 1 3 660 m m (12') x 3