

# PowerROC T25 E

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

Hole diameter: 51–89 mm (2"–3½")







## Powerful and effective

If you're looking for a trustworthy partner that always gets the job done, even in harsh conditions, the PowerROC T25 E is the ideal choice.

You're dealing with a robust and reliable cab-less surface drill rig for construction and civil engineering, as well as small aggregate and limestone quarries. It is built with our proven technology for

higher efficiency, easier drilling operation and easier maintenance. The side control console enables you to monitor and control the rig easily during both drilling and tramming.

### ⊕ Main benefits

**Straightforward design** – for ease of operation and maintainance

**Reliable workhorse** with long service intervals

**Fast penetration rates** – more meters per liter of fuel means greater cost efficiency



# 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'

### 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)(07)	220 kg (485 lb)
				865 Nm (638 lbf-ft)(08)	

### Hole range (recommended)

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

### Dust collector

	Metric	US
Filter area	14.4 m <sup>2</sup>	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

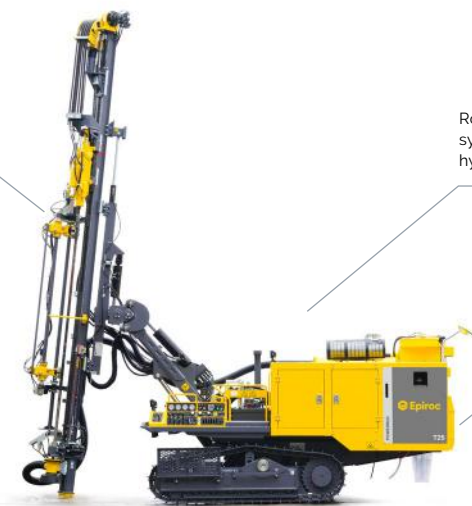
## Technical specifications

Clever hose management for separation of percussion hoses from other hoses and improved visibility for RHS operation.

Rod handling is simplified – all mechanical system without electrical control for easy hydraulic direct control.

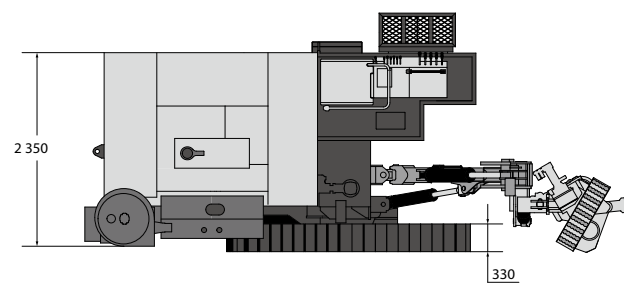
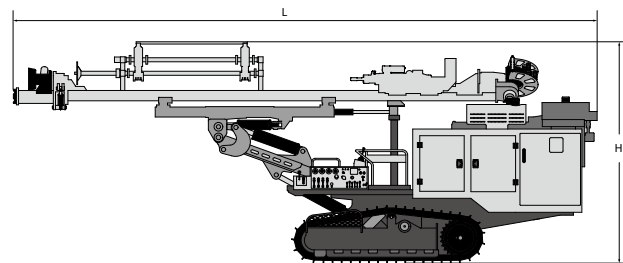
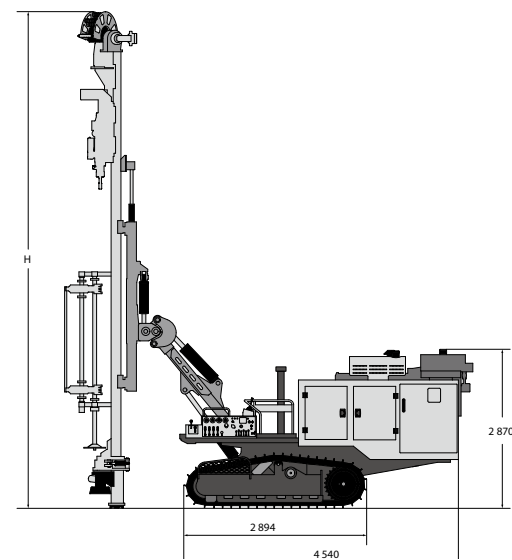
Side drill control console. Light weight for great maneuverability in different terrains.

High volume air compressor matches for the high production of RD 14S rock drill.



### Transport dimensions

	Metric	US
Height (H)	2 980 mm	117.3'
Length (L)	8 890 mm	350'
Width(W)	2 350 mm	92.5'
Feed height	7 720 mm	303.9'
Weight	9 950 kg	21 935 lb



### Selection of options

#### Carrier

- Track chains with triple grouser pads
- Super rotation system
- Rotation speed control
- Impact pressure control

#### Safety cabin

- Warning light - BEACON type
- Driving mirror (L/R)
- Safety alarm light for hydraulic in low level
- LED lamp kit

#### Hole measuring systems

- 2D angle indicator

#### Dust control

- Dust pre-separator assembly

#### Feed

- Extractor on rock drill
- RHS for T38 with 55 mm coupling
- RHS for T45 SPEEROD
- RHS for T45 with 63 mm coupling
- RHS for T45 with 66 mm coupling

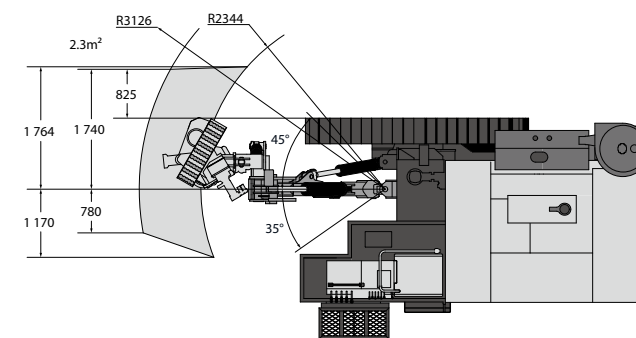
#### Water mist system

- Water mist system (150 liters water tank)

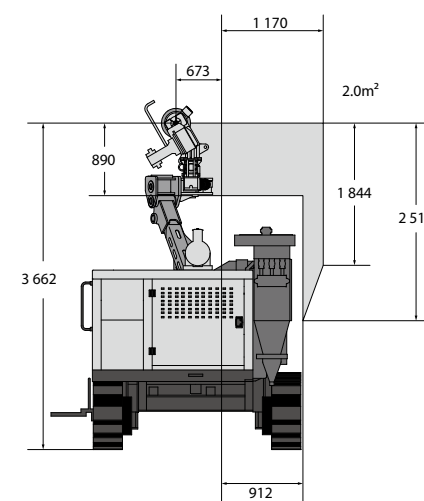
#### Delivered equipment, not mounted

- Gas charging equipment
- Hydraulic pressure test kit
- Fuel filter upgrade kit

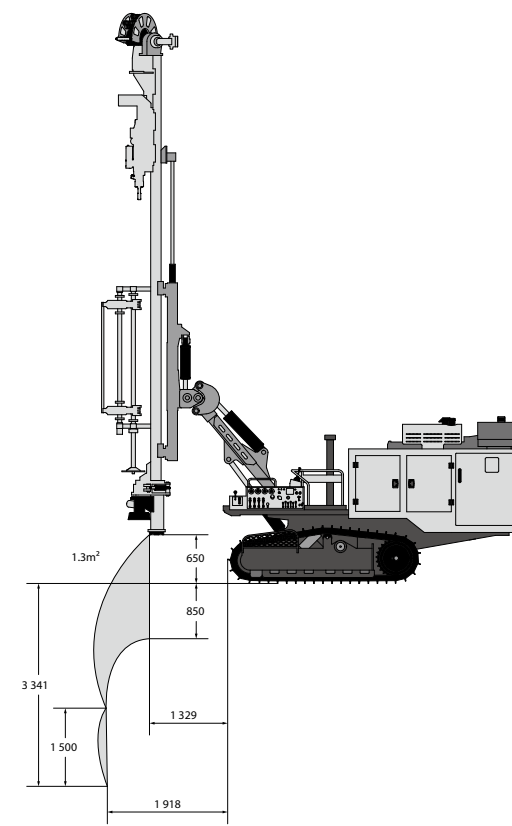
## Technical specifications



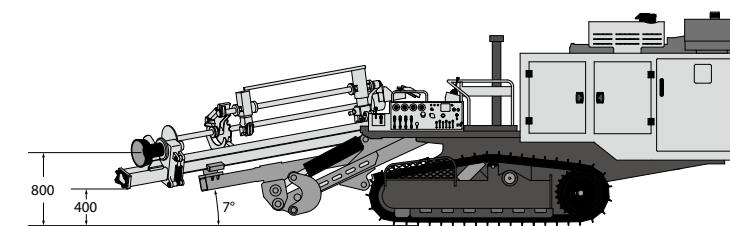
Horizontal reach (mm)



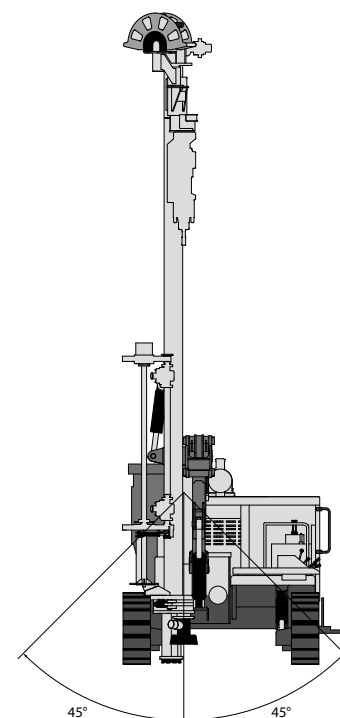
Front face horizontal drill coverage area (mm)



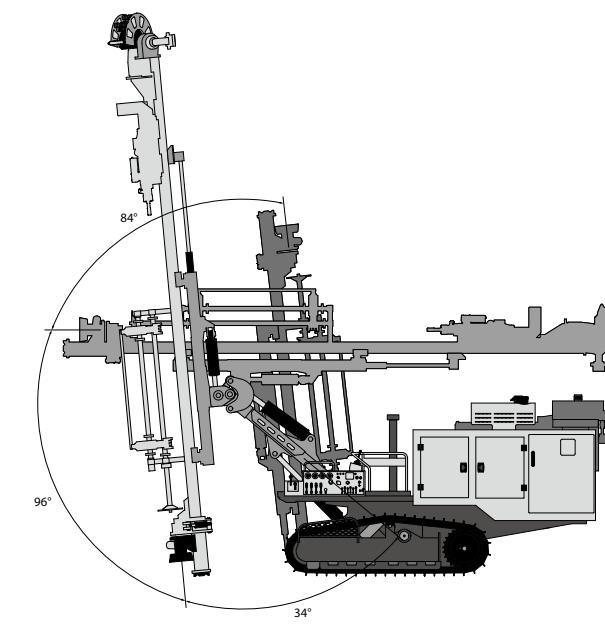
Vertical reach (mm)



Front toe hole drilling



Feed swing angle, left and right



Feed dump angle

## United in performance. Inspired by innovation.

Performance unites us, innovation inspires us, and commitment drives us to keep moving forward. Count on Epiroc to deliver the solutions you need to succeed today and the technology to lead tomorrow.  
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