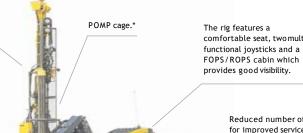


A rock drill control system, COP Logic, helps ensure hole quality and a high penetration rate.



comfortable seat, two multi-

Discover more about the SmartROCT45.

Reduced number of hoses and couplings for improved serviceability.

\*Only applicable in certain countries.

## Main components and selection of options

-	
Automation & software	
AutoPos	
MeasureWhile Drilling (MWD)	
Rig Control System (RCS)	
Rig Remote Access (RRA)	
ROC Manager	
Cabin	
10 or 24 mm laminated clear front glass	
15" touch display	
Adjustable foot rest.	
Air conditioning	
Air flow switch	
Audio system	
Automatic cooler fancontrol	
Cabin light	
Clear or tinted surrounding glass	
Combined front mounted platform/tool box	
Fire extinguisher, 6 kg (13 lbs)	
FOPS and ROPS approved	
Fully adjustable operator's seat	
Outlet socket, 24V	
Prepared with speakers for audio system	
Rear view mirrors	
Reverse camera	

Rig inclination indicator, analog	
Rubber vibration dampers	
Window wiper, right hand window	
Wipers, front and roof windows	
Carrier	
Atlas Copco screw type compressor	
Caterpillar turbo charged diesel engine	
Two speed undercarriage with track oscillation	
Dust collection system	
Hydraulic support leg	
Hydraulic winch	
Radio RemoteControl (RRC)	
Warning BEACON light with alarm	
Feed/boom	
Automatic rod adding	
Carousel type rod handling system	
COP Logic	
Double hosedrum	
Dust pre separator	
Hydraulic double drill rod support	
Long feed	
Protective guard (EN16228)	
Rock drill lubricationsystem	
Service winchwith jib boom	

□= Standard □=Opt	tion
Sleeve retainer	
Standard or folding boom system	
TDS guide tube guides, 64/76/87 mm	
Thread lubrication system	
Toe-hole drilling system	
Hole and inclination systems	
GPS compass aiming unit	
Laser plane receiver for hole depth	
Hole Navigation System (HNS)	
Leica (fully installed option or pre-prepared)	
Trimble (fully installed option or pre-prepared)	
Water system	
Water mist system incl. 400 L tank	
Insulation for water tank	
Extra 400 L tank	
Parts and Services	
Conversion kit for threads T45/T51/T60	
COP Care	
Electrical tool kit	
First 50 hrs service kit for compressor	
Gas charging equipment (for rock drill)	
Lubrication kit	
RCS servicetool-box	
ROC Care	

## Hole range (recommended)

	Threads	Metric	US
Standard boom	T51, T60	Ø89-140 mm	Ø 3.5"-5.5"
Folding boom	T45, T51	Ø 89-127mm	Ø 3.5"-5"
Rods and length			
Standard boom. Hydraulic rod handling system for max hole length, with 7 x 4.2 m (14') extensions rods and a 6.1 m (20') starter rod	T51, T60	35 m	115'
Standard boom LF. Hydraulic rod handling system for max hole length, with 5 x 6.10 m (20') extensions rods and a 7.3 m (24') starter rod	T51, T60	36 m	118'
Folding boom. Hydraulic rod handling system for max hole length, with 7 x 3.6 m (12') extensions rods and a 4.2 m (14') starter rod	T45, T51	29 m	95'

# Hydraulic rock drill

Rock drill	Boom	Impact pov	ver	Hydraulic pressure, max		Impact rate, max	Torque, max		Weight approx			
COP SC25-HE	Folding boom	25 kW	33.5 hp 2	22 5 6 5	200 bar	2 900 psi	4411-75511-	44 Hz/55Hz	1550 Nm	1143 lbf/ft	195 kg	430 lb
COP SC25X-HE	Folding boom	25 KW 33		200 bar	2 900 psi	44 П2/ ЭЭП2	1970 Nm	1453 lbf/ft	249 kg	549 lb		
COP 3060	Standard boom	201-14	44 5 -	240 5	2 404	F0.11-	2.4501	1807 lbf/ft	315 kg	694 lb		
COP 3060EX		tandard boom   30 kW   41 hp   240 bar   3 481 psi   50 Hz	50 Hz 2 450 Nm	1807 (01/11	355 kg	783 lb						

#### Engine

Caterpillar turbo charged diesel engine	
CAT C9.3B Tier 4 Final/Stage 5 (EU/US cert.)	250 kW/340 hp at 1900 rpm
CAT C9.3B Tier 3/EU stage IIIA	250 kW/340 hp at 1900 rpm

# Compressor

C146-07, screw type compressor	Metric	US
Working pressure, max	12 bar	174 psi
FAD, at normal working pressure	223 l/s	473 cfm