



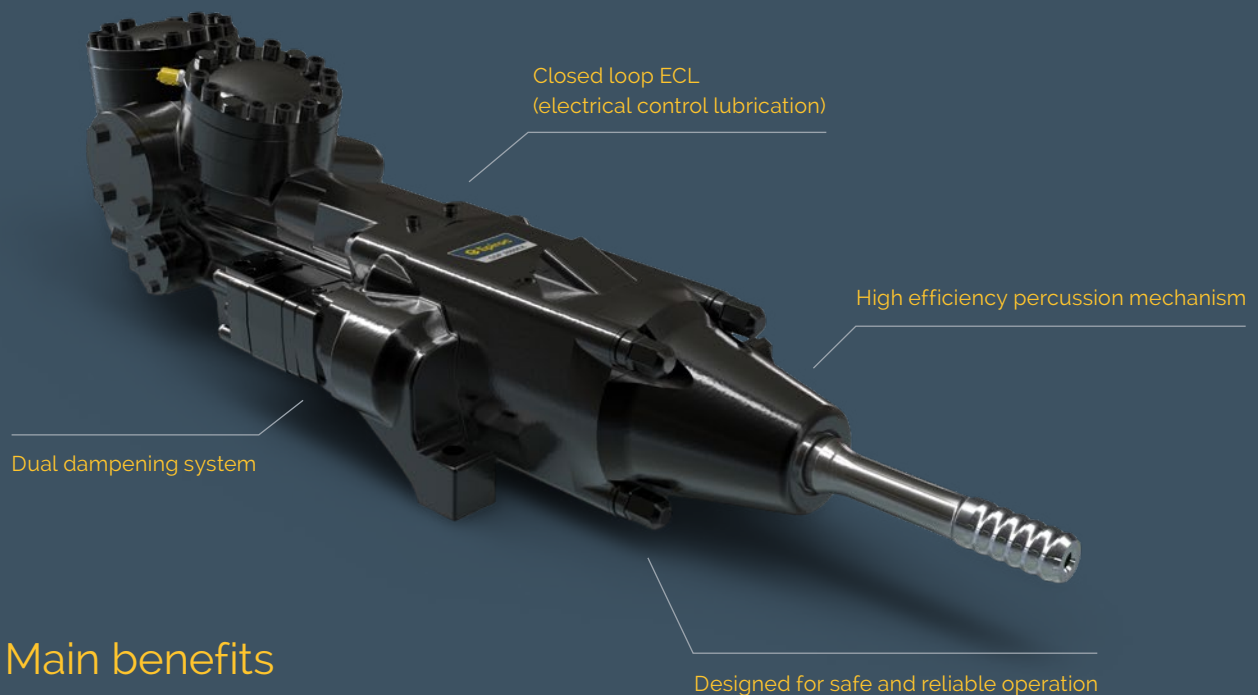
COP 3060ME, COP 3060EX

High speed rock drill for surface drilling
Hole range 89 - 140 mm (3 ½" - 5 ½")

 **Epiroc**

Superior performance

Extensive engineering and design work was done to ensure superior operation of the COP 3060ME and COP 3060EX.



+ Main benefits

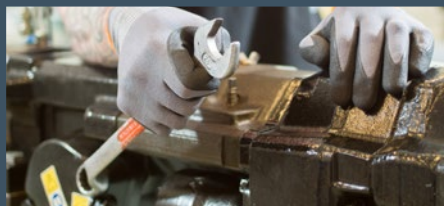
Environmental sustainability: sustained performance with decreased power requirements

Cleaner operations: for reduced wear on boom and feed components

Reliability: with increased drill steel life length, and rock drill service interval



The EX version comes with a built in powerful hydraulic extractor. Extractor unit upgrade kits are available.



Service tools are available to facilitate precise and correct machine maintenance ensuring equipment safety and performance.



Major and minor Preventive maintenance kits are available for maintenance ease, and to ensure optimized rock drill service life.

Technical specifications

Dimensions and weight

	COP 3060ME	COP 3060EX
Weight with shank adapter	370 kg (816 lb)	404 kg (891 lb)
Length without shank adapter	1 201 mm (3 ft 11 inch)	1 297 mm (4 ft 3 inch)
Width without connectors	412 mm (1 ft 4.2 inch)	412 mm (1 ft 4.2 inch)
Height above cradle	407 mm (1 ft 4 inch)	407 mm (1 ft 4 inch)
Height over drill center	272 mm (10.7 inch)	272 mm (10.7 inch)

Rotation

	2x08 (2x200 cc)	2x09 (2x250 cc)	2x10 (2x315 cc)	2x11 (2x400 cc)
Rotation range (continuous)*	0 - 218 rpm	0 - 174 rpm	0 - 140 rpm	0 - 110 rpm
Torque (maximum)*	2 236 Nm (1649 lbf-ft)	2 477 Nm (1827 lbf-ft)	2 890 Nm (2132 lbf-ft)	2 924 Nm (2 157 lbf-ft)
Working pressure (continuous)	210 bar (3046 psi)	210 bar (3046 psi)	210 bar (3046 psi)	200 bar (2 901 psi)
Oil consumption	150 L/min (5.3 cfm)	150 L/min (5.3 cfm)	150 L/min (5.3 cfm)	150 L/min (5.3 cfm)

* At drill string

Impact ratings

Impact power (maximum)	30 kW (40 hp)
Hydraulic pressure (maximum)	240/225 bar (3 481/3 263 psi)
Impact frequency	49/41 Hz

Flushing flow and pressure

Flushing water pressure	3 - 20 bar (43.5 - 290 psi)
ECL pressure (at the rock drill)	2.5 - 3 bar (26.3 - 43.5 psi)
Flushing air (maximum)	3 - 14 bar (43.5 - 203 psi)

Service kits

	COP 3060	COP 3060EX
Seal kit (gear/cylinder)	3115 9362 00	3115 9362 00
Seal kit (extractor)	N/A	3115 9362 02
Front Seal kit	3115 9362 01	3115 9362 01
Minor Preventive Maintenance kit	3115 9362 10	3115 9362 10 3115 9362 02
Major Preventive Maintenance kit	3115 9362 11 3115 9362 12	3115 9362 11 3115 9362 13 3115 9362 02
Complete overhaul kit	3115 9362 14 3115 9362 12	3115 9362 14 3115 9362 13 3115 9362 02
Tool set	3115 5771 00	3115 5771 00
Nipple set	3115 5759 90	3115 5760 90

Shank adapter

	COP 3060	COP 3060EX
T51	437 - 17706.10	437 - 19803.10
T60	457 - 17706.10	457 - 19803.10

Service tools

Description	Part Number
Assembly fixture	3115 5782 80 3115 0329 80
Tool for mounting bushing and drillver in drill sleeve	3115 5001 13
Tool for mounting bushing in backhammer	3115 5001 16
Tool for mounting bearing on drill sleeve	3115 5766 00 3115 5001 18
Tool for mounting radial seal in gear housing	3115 5001 20
Seal guide tool for piston liner	3115 5001 22
Assembly tool for valve piston liner	3115 5030 00
Assembly tool for damper liner	3115 5031 00
Assembly tool for piston liner	3115 5032 00
Bushing removal tool for backhammer	3115 5074 00
Spacer	3115 5076 00
Sleeve for front guide	3115 5767 00
Assembly tool for wear ring	3115 5763 00
Assembly tool of liner for percussion mode reset	3115 5772 00
Hook	3115 5077 00
Nut M24x1.5	3115 3227 00
Accumulator fixture	3115 5769 00
Ring spanner	3115 2263 00
Charging equipment for accumulators	3115 3425 80
Plates	3115 1594 00

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