



# COP SC19, COP SC19X

High speed, high impact energy, surface construction rock drill  
Hole range 76 - 102 mm (3" - 4")

 **Epiroc**

# Enhanced service life

Developed to provide extended service life, without sacrificing its proven drilling performance. Recommended service interval of 800 percussion hours.



## + Main benefits

**Versatility** with two different stroke settings to optimize performance even as hole sizes and rock conditions vary

**Reliability** with optimized rock contact, while simultaneously protecting the rock drill from harmful energy recoils

**Reduced running costs** with increased service life



COP SC19X rock drill 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 SC19	COP SC19X
Weight with shank adapter	188 kg (384 lb)	250 kg (551 lb)
Length without shank adapter	1 151 mm (3ft 9.3 inch)	1 339 mm (4ft 4.7 inch)
Width without connectors	313.5mm ( 1ft 0.3inch)	313.5mm ( 1ft 0.3inch)
Height	223 mm (8.8 inch)	223 mm (8.8 inch)
Height over drill center	88 mm (3.5 inch)	88 mm (3.5 inch)

## Rotation

	160 cc (07)	250 cc (09)	315 cc (10)
Rotation range (continuous)*	0 - 215 rpm	0 - 135 rpm	0 - 110 rpm
Torque (continuous)*	1 070 Nm (789 lbf-ft)	1 550 Nm (1143 lbf-ft)	1 970 Nm (1453 lbf - ft)
Working pressure (continuous)*	210 bar (3046 psi)	200 bar (2901 psi)	200 bar (2 901 psi)
Oil consumption	75 L/min (2.6 cfm)	75 L/min (2.6 cfm)	75 L/min (2.6 cfm)

\*At drill string

## Impact ratings

Impact power, max	19 kW (25.5 hp)
Hydraulic pressure, max	230 bar (3 336 psi)
Impact frequency	42 - 50 Hz

## Flushing flow and pressure

Flushing water pressure	5 - 25 bar (77.2 - 362.6 psi)
Lubricating air consumption at the drill, max	5.5 L/s @ 3 bar (11.7 cfm @ 43.5 psi)
Flushing air, max	12 bar (174 psi)

## Service kits

	COP SC19	COP SC19X
Seal kit	3115 9170 82	3115 9170 82
Minor Preventive Maintenance kit, 800 h	3115 9242 61	3115 9242 63
Major Preventive Maintenance kit, 1600 h	3115 9242 62	3115 9242 64
Extractor seal repair kit	N/A	3115 9153 95
Extractor Preventive Maintenance kit	N/A	3115 9153 98

## Shank adapters

	COP SC19	COP SC19X
T38E	435 - 13302.10	435 - 13402.10
T45E	436 - 13302.10	436 - 13402.10
T51E	437 - 13302.10	437 - 13402.10

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