



# COP SC25-HF, COP SC25X-HF

High speed, high frequency surface rock drill  
Hole range 70 - 89 mm (2 ¾" - 3 ½")



# Enhanced service life

High frequency rock drill. Optimized for medium sized holes. Recommended service interval of 800 percussion hours, without sacrificing its proven drilling performance.



## + 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 SC25X-HF 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 SC25-HF	COP SC25X-HF
Weight with shank adapter	189 kg (416.7lb)	250kg (551.2lb)
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 (above feed sled)	223 mm (8.8 inch)	256 mm (10.1 inch)
Height over drill center	88 mm (3.5 inch)	121 mm (4.8 inch)

## Rotation

	200 cc (08)	250 cc (09)
Rotation range (continuous)*	0 - 170 rpm	0 - 135 rpm
Torque (continuous)*	1 240 Nm (914 lbf-ft)	1 550 Nm (1 143 lbf-ft)
Working pressure (continuous)	200 bar (2 901 psi)	200 bar (2 901 psi)
Oil consumption	75 L/min (2.6 cfm)	75 L/min (2.6 cfm)

\* At drill string

## Impact ratings

Impact power, max	25 kW (33.5 hp)
Hydraulic pressure, max	240 bar (3481 psi)
Impact frequency	71 Hz/55 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 SC25-HF	COP SC25X-HF
Seal kit	3115 9170 83	3115 9170 83
Minor Preventive Maintenance kit, 800 h	3115 9242 71	3115 9242 73
Major Preventive Maintenance kit, 1600 h	3115 9242 72	3115 9242 74
Extractor seal repair kit	N/A	3115 9153 95
Extractor Preventive Maintenance kit	N/A	3115 9153 98

## Shank adapters

	COP SC25-HF	COP SC25X-HF
T45E	436 - 13302,10	436 - 13402,10
T51E	437 - 13302,10	437 - 13402,10

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