



COP SC25-HE, COP SC25X-HE

High speed, high impact energy surface construction rock drill
Hole range 89 - 127 mm (3 ½" - 5")



Enhanced service life

High impact energy rock drill. Developed for a 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-HE 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-HE	COP SC25X-HE
Weight without shank adapter	195 kg (430 lb)	255 kg (562 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 (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

	250 cc (09)	315 cc (10)
Rotation range (continuous)*	0 - 135 rpm	0 - 110 rpm
Torque (continuous)*	1 550 Nm (1 143 lbf-ft)	1 970 Nm (1 453 lbf-ft)
Working pressure (continuous)	200 bar (2901 psi)	200 bar (2901 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	200 bar (2 900 psi)
Impact frequency	44 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-HE	COP SC25X-HE
Seal kit	3115 9170 84	3115 9170 84
Minor Preventive Maintenance kit, 800 h	3115 9242 81	3115 9242 83
Major Preventive Maintenance kit, 1600 h	3115 9242 82	3115 9242 84
Extractor seal repair kit	N/A	3115 9158 93
Extractor Preventive Maintenance kit	N/A	3115 9158 97

Shank adapters

	COP SC25-HE	COP SC25X-HE
T45E	436 - 20403.10	436 - 20202.10
T51E	437 - 20403.10	437 - 20202.10

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