

## Hydraulic rock drills

### COP 1238ME *Top hammer rock drill for hole diameter range 35\* – 89 mm*

The COP 1238-series of rock drills have an excellent reputation for high productivity, dependability in operation, and good economy in bench drilling. Powerful, stepless variable and reversible rotation motor gives high torque and enables great possibilities with rotation speed. Additional benefits

include the ability to shock waves. "Back hammering" function makes it possible to use the impact mechanism as an aid to take out a stuck drill steel.

*\*One rod drilling*



#### Technical data COP 1238ME

Weight	151 kg
Length	1002 mm
Impact power, max	15 kW
Impact rate	40-60 Hz
Hydraulic pressure, max	230 bar
Rotation speed range, max	0-340 rpm
Rotation pressure, max	175 bar
Rotation torque, max	1180 Nm
Flushing water pressure, max	10 bar
Lubricating air consump. at 2 bar	5 l/s
Shank adapter	R32, T38, T45

### COP 1532 *Top hammer rock drill for hole diameter range 35\* – 64 mm*

A powerful rock drill with very high capacity and less stress in the drill steel. COP 1532 is the shortest rock drill in its class for the best utilisation of the feed length. Impact power and frequency can be controlled and adjusted independently of each other. A modern hydraulic reflex dampener gives the rock drill the best protection from reflected shock waves.

"Back hammering" function makes it possible to use the impact mechanism as an aid to take out a stuck drill steel.

*\*One rod drilling*



#### Technical data COP 1532

Weight	180 kg
Length	850 mm
Impact power, max	15 kW
Impact rate	65 Hz
Hydraulic pressure, max	230 bar
Rotation speed range, max	0-220 rpm
Rotation pressure, max	150 bar
Rotation torque, max	1140 Nm
Flushing water pressure, max	20 bar
Lubricating air consump. at 2bar	5 l/s
Shank adapter, male	R28, R32, T38
Shank adapter, female	R32, R38

### COP 1838ME *Top hammer rock drill for hole diameter range 64 – 89 mm*

COP 1838ME is specially suitable for small to medium hole sizes. Adjustable stroke length makes it possible to adjust impact rate and energy to actual rock conditions and hole size. Powerful, stepless variable and reversible rotation motor gives high torque and excellent speed control. The efficient reflex damping system of the COP 1800 series is called "dual damping" due to its high

efficiency and double acting function. As the feed and the boom are not subjected to unnecessary strain, the entire drill string will give you longer service life. The automatic tightening system of the drill string results in straighter holes and optimum penetration.

COP 1838MEX has built-in hydraulic extractor.



#### Technical data COP 1838ME/COP 1838MEX

Weight	170 kg	229 kg
Length	1008 mm	1206 mm
Impact power, max	18 kW	18 kW
Impact rate	60 Hz	60 Hz
Hydraulic pressure, max	230 bar	230 bar
Rotation speed range, max	0-340 rpm	0-340 rpm
Rotation pressure, max	175 bar	175 bar
Rotation torque, max	1180 Nm	1180 Nm
Flushing water pressure, max	20 bar	20 bar
Lubricating air consump. at 2 bar	6 l/s	6 l/s
Shank adapter	R38, T38, T45	

## COP 1838HF *Top hammer rock drill for hole diameter range 43 – 76 mm*

COP 1838HF is an alternative to the COP 1838ME for the small to medium hole sizes. It has a significantly higher drill speed than the ME version but gives the same outstanding drill steel economy. The COP 1838HF doesn't hit harder - it hits 20% faster. Powerful, stepless variable and reversible rotation motor gives high torque and excellent speed control.



The efficient reflex damping system of the COP 1800 series is called "dual damping" due to its high efficiency and double acting function. As the feed and the boom are not subjected to unnecessary strain, the entire drill string will give you longer service life. The automatic tightening system of the drill string results in straighter holes and optimum penetration.

### Technical data COP 1838HF

Weight	170 kg
Length	1008 mm
Impact power, max	22 kW
Impact rate	73 Hz
Hydraulic pressure, max	250 bar
Rotation speed range, max	0-460 rpm
Rotation pressure, max	175 bar
Rotation torque, max	740 Nm
Flushing water pressure, max	20 bar
Lubricating air consump. at 2 bar	6 l/s
Shank adapter	R32, R38, T38, T45

## COP 3038 *Top hammer rock drill for hole diameter range 43 - 64 mm*

The COP 3038 rock drill is suitable for face drilling applications, especially where major benefits can be derived from extraordinary high penetration rates such as in tunnelling, drifting and room and pillar mining. COP 3038 is intended for 43 to 64 mm diameter holes using a T38 shank adapter. For best service life and optimum drilling

performance, usage of the patented Secoroc Magnum SR 35 system is recommended. COP 3038 can also be used for rock reinforcement drilling at reduced power in combination with a R32 shank adapter and a down-sized drill string.



### Technical data COP 3038

Weight, incl. adapter	165 kg
Length, excl. adapter	990 mm
Impact power, max	30 kW
Impact rate	102 Hz
Hydraulic pressure, max	200 bar
Rotation speed range, max	0-380 rpm
Flushing water pressure	20-40 bar
Lubrication air, max	6 bar
Shank adapter	T38

## Overhaul kits

*Complete kits for overhaul and service of rock drills COP 1238ME and COP 1838ME*



### Main features

- These kits contain all parts needed for making service and overhaul of your rock drill as per factory recommendation.
- With these kits you will bring your rock drill back to factory specification, and optimize your production in an economical way.
- The parts are contained in a solid wood box, for shipping and handling at the job site.
- One part number for easier order handling and logistics.
- The kits also include the overhauling instructions and spare parts list which you need for overhauling.
- Competitive priced compared to buying individual items.

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