

Hydraulic rock drills

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	172 kg
Length	850 mm
Impact power, max	15 kW
Impact rate	65 Hz
Hydraulic pressure, max	230 bar
Rotation speed range, max	0-380 rpm
Rotation pressure, max	210 bar
Rotation motor size (OMSU80)	-02
Drill steel torque, max	520 Nm
Flushing air pressure	10 bar
Lubricating air consump. at 2 bar	5 l/s
Shank adapter, male	R28, R32, T38
Shank adapter, female	R32, R38

COP 1838ME/MEX *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 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	0-210 rpm	0-210 rpm
Rotation pressure, max	210 bar	210 bar
Rotation motor size (OMS 160)	-07	-07
Drill steel torque, max	1000 Nm	1000 Nm
Flushing air pressure	10 bar	10 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 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, max	0-270/0-210 rpm
Rotation pressure, max	210 bar
Rotation motor size (OMS 125/OMS160)	-06/-07
Drill steel torque, max	820/1000 Nm
Flushing air pressure	10 bar
Lubricating air consump. at 2 bar	6 l/s
Shank adapter	R32, R38, T38, T45

COP 1238ME/LP *Top hammer rock drill for hole diameter range 35* ñ 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	COP 1238LP
Weight	151 kg	150 kg
Length	1002 mm	1002 mm
Impact power, max	12 kW	12 kW
Impact rate	40-60 Hz	50-75 Hz
Hydraulic pressure, max	230 bar	190 bar
Rotation speed range, max	0-330 rpm	0-330 rpm
Rotation pressure, max	210 bar	210 bar
Rotation motor size (OMS 100)	-05	-05
Drill steel torque, max	650 Nm	650 Nm
Flushing air pressure	10 bar	10 bar
Lubricating air consump. at 2 bar	5 l/s	5 l/s
Shank adapter	R32, T38, T45	

Overhaul Kit COP 1238ME

Complete kit for overhaul and service of the rock drill



Main features

- This kit contains all parts needed for service and overhaul of your rock drill COP 1238ME as per factory recommendation.
- With this kit 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 kit also includes the overhauling instructions and spare parts list which you need for overhauling COP 1238ME.
- Competitive priced compared to buying individual items.

Rebuild kit

For COP 1238 ME-T38 Part number 3115 1436 90

Part number	Specification
3115 0288 90	Including above kit 3115 1436 90 and below item
3115 0288 00	Piston 1
3115 0288 91	Including above kit 3115 0288 90 and below items
3115 1823 00	Valve piston 1
3115 2078 00	Flushing head 1

Seal Kit COP 1238 Part number 3115 9150 95

Rebuild kit

For COP 1238 ME-T45 Part number 3115 1435 90

Part number	Specification
3115 0288 92	Including above kit 3115 1435 90 and below item
3115 0288 00	Piston 1
3115 0288 93	Including above kit 3115 0288 92 and below items
3115 1823 00	Valve piston 1
3115 2079 00	Flushing head 1

Visit www.facedrilling.com for more information