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Atlas Copco launches new heavy duty rock drills for tough face drilling applications

Atlas Copco has launched three new heavy duty versions of its well proven COP 1800 series hydraulic rock drills. The newcomers – COP 1638HD, COP 1838HD and COP 2238HD – are intended for face drilling in underground mining and tunnelling projects involving tough conditions.

One of the main new features is a new side bolt design consisting of four front bolts and two at the rear. This minimizes the risk of impact piston miss-alignment and secondary damages to internal parts. It also improves serviceability thanks to easier side bolt torque procedures.

In addition, the front head has been considerably strengthened, making the rock drills more robust for demanding conditions. This means that more material absorbs the energy that is generated by the shock waves reflected from the rock, thereby protecting the drill.

“The scope when developing these new heavy duty versions was to extend the service intervals and minimize total downtime, even when drilling in very tough conditions”, says Peter Bray, Product Manager, Face drilling equipment at Atlas Copco. “We have been field testing at a number of locations with extremely demanding conditions, and the machines have been performing beyond expectations.”

More information and technical specifications are available via this link:
http://pol.atlascopco.com/SGSite/Products/Product_Group.asp?Id=COP%201800HD%20series



Photo number: ac0035419

Picture Caption: *COP 1800HD is a new series of heavy duty, high speed, hydraulic rock drills for face drilling and long-hole drilling with a hole range of 38-64 mm.*

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Atlas Copco Underground Rock Excavation is a division within Atlas Copco's Construction and Mining Technique business area. It develops, manufactures, and markets a wide range of tunneling and mining equipment for various underground applications worldwide. The division focuses strongly on innovative product design and aftermarket support systems, which give added customer value. The divisional headquarters and main production center is in Örebro, Sweden.
