

Pneumatic rock drills



Rugged, powerful. Reliability you can count on...

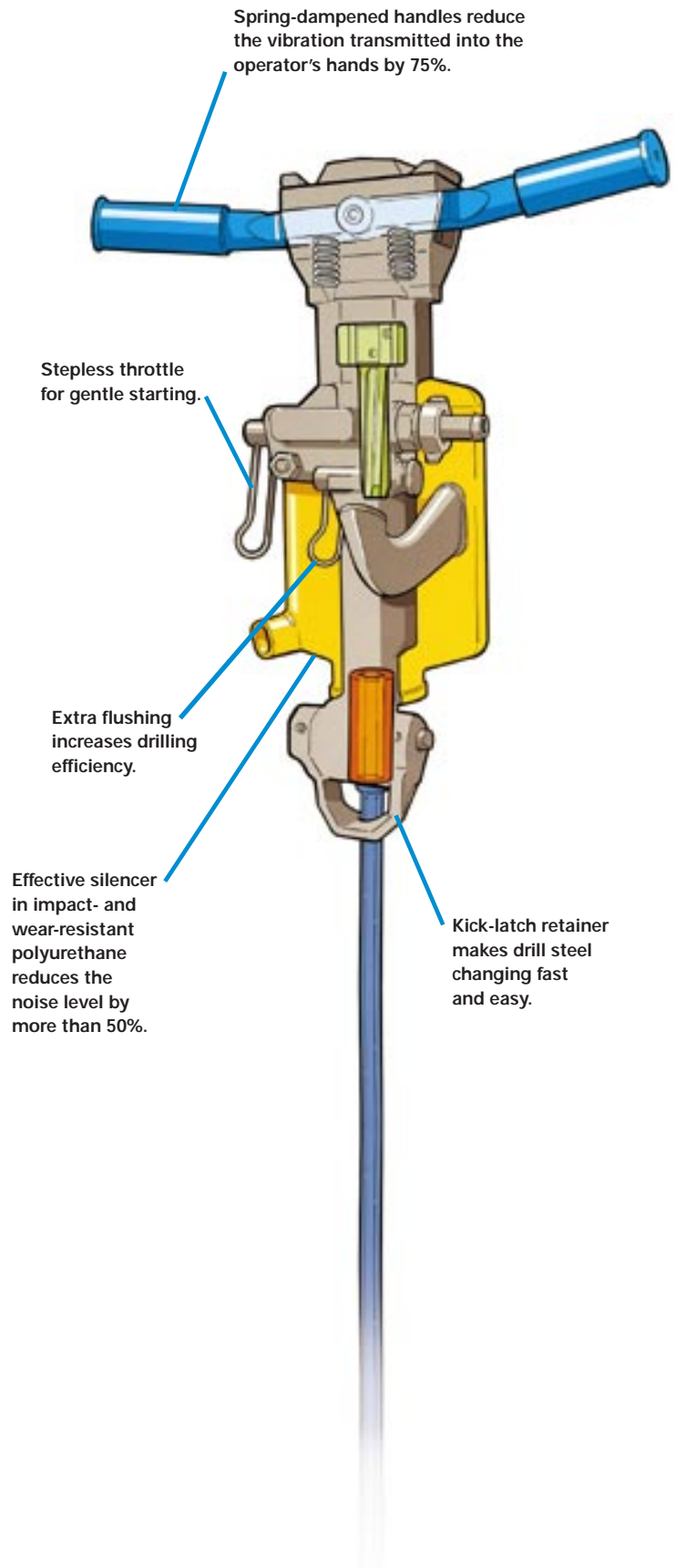
Efficient, powerful, dependable, Atlas Copco's range of pneumatic drills is the preferred choice for utility companies, general contractors, quarries, and the dimension stone industry the world over.

Whatever the application, our low maintenance rock drills give you the ultimate in power and performance to get the job done.

Our hand-held drills combine lightweight, compact design with powerful output energy for easy-handling and optimum efficiency. And high power-to-weight ratios mean maximum productivity.

Atlas Copco offers powerful, ergonomic drills, equipped with silencers and vibration dampened handles, for superior operator comfort and safety – and increased productivity.

For high performance and reliability you can count on, choose Atlas Copco rock drills.



Ergonomic rock drills



For improved safety and increased productivity!

The ergonomically designed BBD 15E and RH 572E, medium-weight rock drills with very high power-to-weight ratios, provide optimum operational safety and productivity. These low-maintenance drills have high impact energy in relation to weight, and ergonomic features that improve operator comfort.

Reduced noise and vibration levels

The BBD 15E and RH 572E are equipped with spring-dampened handles and highly effective silencers. The result is reduction in vibration levels transmitted to the operator's hands by more than 75%, and reduction of low-frequency noise levels by 7 dB(A), or more than 50%. Operator fatigue is minimized, raising productivity.

Choose the right machine

The RH 572E has rifle-bar rotation, with slower rotation and lower impact frequency, for drilling in hard rock. This drill is ideal for minor bench drilling and other rock drilling applications, such as secondary drilling.

The lighter BBD 15E has ratchet-wheel rotation, with faster rotation and higher impact frequency, for drilling in soft to medium-hard rock. The BBD 15E is designed for concrete drilling, drilling for smooth blasting and seam drilling – all of which require a high-performance, lightweight, easy-to-handle drill.

Technical data

Model	Weight	Air requirement at 6 bar	Length incl. drill-steel retainer	Drill-steel chuck (hex)	Impact frequency	Rotation speed	Penetration rate	Hose connection	Ordering No.
	kg	l/s	mm	mm	blows/s	r/min	mm/mm	mm	
BBD 15E	15.5	22	575	22x108	42	220	220 ¹⁾	16	8311 0104 10
RH 572E	22.8	37	583	22x108	34	170	260 ²⁾	20	8311 0301 78

¹⁾ Drilling in granite with 28 mm, chisel-type integral drill-steel (working at pressure 6 bar)

²⁾ Drilling in granite with 33 mm, chisel-type integral drill-steel (working at pressure 6 bar)

Optional equipment

	Ordering No.
Hand hose, 16 mm x 3 m complete with claw coupling and hose clamps (BBD 15E)	9030 2046 00
Hand hose, 20 mm x 3 m complete with claw coupling and hose clamps (RH 572E)	9030 2047 00

Medium-weight rock drills



RH 571-5LS

Power that's easy to handle

The high power-to-weight ratios and compact, versatile designs of the RH 571 and RH 658 rock drills enable simple positioning and easy handling. And their high penetration rate means you get the job done quickly, for maximum productivity.

RH drills are designed for bench drilling, secondary drilling, and drilling for smooth blasting. Because of its light weight, the RH 571 is most suited for smaller jobs. The more powerful, and slightly heavier RH 658 provides a higher drilling rate and can handle depths up to 6 metres.

Extra flushing and kick-latch retainers

The extra flushing air valve is a special feature that provides simple, rapid cleaning of the drill hole for increased operational efficiency. To simplify the changing of drill steels, the drills are designed with a robust kick-latch type retainer that locks the drill steel into position.

Both machines have rifle-bar rotation, with slower rotation and high impact energy, perfect for drilling in hard rock. They are also equipped with T-handles for a solid, comfortable grip.



RH 658L

Technical data

Model	Weight	Air requirement at 6 bar	Length incl. drill-steel retainer	Drill-steel chuck (hex)	Impact frequency	Rotation speed	Penetration rate	Hose connection	Ordering No.
	kg	l/s	mm	mm	blows/s	r/min	mm/mm	mm	
RH 571-5L	17.8	39	510	22x108	35	190	295 ¹⁾	20	8311 0301 29
RH 571-5LS	18.9	39	510	22x108	33	190	275 ¹⁾	20	8311 0301 37
RH 658L	24	58	565	22x108	34	215	425 ¹⁾	20	8311 0302 86
RH 658LS	25	58	565	22x108	34	215	410 ¹⁾	20	8311 0302 87

¹⁾ Drilling in granite with 33 mm, chisel-type integral drill-steel (working at pressure 6 bar)

Optional equipment

	Ordering No.
Hand hose, 20 mm x 3 m complete with claw coupling and hose clamps (RH 571, RH 658)	9030 2047 00
Extra weight, 9.1 kg (RH 571)	3115 1195 80
Extra weight, 12.4 kg (RH 658)	3115 1531 80

Light rock drills



Combining power and manoeuvrability

The lightweight BBD 12 hand-held rock drill is the perfect partner in a wide variety of applications where manoeuvrability and easy handling are important. Available in two models, one for horizontal drilling and one for vertical-down drilling, the BBD guarantees powerful, reliable and flexible operation.

Equipped with a D-type handle, the BBD 12D is ideal for horizontal drilling, plug hole drilling, and drilling in concrete to a maximum depth of 1 metre.

For vertical-down drilling to 3 metres in depth, Atlas Copco offers the BBD 12T, fitted with a T-type handle, slightly angled to provide the best grip. The BBD 12T is perfect for concrete drilling, drilling for smooth blasting, and seam drilling. All BBD models are equipped with kick-latch type drill-steel retainers for quick and easy steel changing.

Technical data

Model	Weight kg	Air requirement at 6 bar l/s	Length incl. drill- steel retainer mm	Drill-steel chuck (hex) mm	Impact frequency blows/s	Rotation speed r/min	Penetration rate mm/mm	Hose connection mm	Ordering No.
Horizontal									
BBD 12D	9.8	24	565	19x108	43	220	250 ¹⁾	16	8311 0102 46
BBD 12DS	10.7	22	565	19x108	42	220	230 ¹⁾	16	8311 0102 79
Vertical-down									
BBD 12T-01	11.1	24	505	22x108	43	220	150 ²⁾	16	8311 0102 95
BBD 12TS-01	12.1	22	505	22x108	42	220	150 ²⁾	16	8311 0102 98

¹⁾ Drilling in granite with 28 mm, chisel-type integral drill-steel (working at pressure 6 bar)

²⁾ Drilling in granite with 33 mm, chisel-type integral drill-steel (working at pressure 6 bar)

Optional equipment

	Ordering No.
Hand hose, 16 mm x 3 m complete with claw coupling and hose clamps	9030 2046 00

Lightweight drill/chipper



Light, versatile, an outstanding performer
The DKR 36 is a lightweight, versatile machine designed for use on construction sites and in stone-cutting shops.

This powerful, compact drill/chipper is the perfect choice for drilling plug holes from 8 to 38 mm in diameter and up to 300 mm in depth in concrete floors, walls and roofs for pipe cable and ventilation duct installation. The DKR 36 is also used in drilling wedge holes for rock splitting.

Chipping and scaling

The DKR 36 is also a highly efficient tool for general chipping and scaling work. Changing from a drilling steel to a chipping tool automatically switches the tool to the chipping function.

The DKR 36 has a built-in lubricator for easy maintenance, and a quick-coupling hexagonal or cylindrical chuck that ensures rapid, simple change.



Technical data

Model	Weight	Air requirement	Length	Impact frequency	Rotation speed	Penetration rate	Shank	Hose connection	Ordering No.
	kg	l/s ^{*)}	mm	blows/s	r/min	mm/mm	mm	mm	
DKR 36	10	10	375	47	250	180 ^{*)} 160 ^{*)}	● 17.7 x 89	19	8463 0103 60
DKR 36R	10	10	375	47	250	180 ^{*)} 160 ^{*)}	● 19 x 95	19	8463 0103 50

^{*)} 19 mm drill in granite ^{*)} 19 mm drill in concrete ^{*)} At 6 bar air pressure

● = Round shank ● = Hexagonal shank

DKR 36 Kit

Description	Ordering No.
The DKR can be supplied in a robust and practical steel box, complete with hand-hose and accessories.	
Complete kit	8463 0103 61
Contents of kit:	
Steel storage box	
DKR 36 (ordering no. 8463 0103 60)	
Air-Oil 0.2 l	
Hand hose, 10 mm x 3 m c/w claw couplings	
Adapter for 8, 10 and 12 mm drills	
Knock-out block for 8, 10 and 12 mm drills	
Flat chisel	
Nipple	
Spare parts kit (17 steel balls)	



For improved efficiency...



Dust-free working environment
Dust generated by drilling obscures vision and poses a health risk. The DCT dust collector keeps the working environment free of dust during drilling, and can be used with the entire range of Atlas Copco pneumatic hand-held drills. Drilling rates also rise, since the drill cuttings are continuously removed.

The DCT dust collector works on the ejector principle, which creates an underpressure throughout the filter system. Since the ejector is built into the filter unit, it cannot be damaged by external influences or by drilling dust.



Technical data

Model	Max. air pressure bar	Ejector air requirement l/s	Suction capacity l/s	Filter area m ²	Weight complete kg	Suction hose mm	Ordering No.
DCT 10	7	9.5	47	1.3	22	38	8092 0407 84

...and increased productivity

Operator's handbook

The Operator's handbook will help you get the most out of Atlas Copco pneumatic drills. The handbook provides useful information for safe, effective operation and tips to maximize service life.

Topics covered include good operating practices, choosing the right tool, and general maintenance requirements.

Ordering No. 9851 2019 01



Atlas Copco steels

Atlas Copco offers a complete range of high quality, forged, hexagon-shanked integral drill steels and tools for rock drill applications. For further information, consult Atlas Copco's Accessories Catalogue.



Atlas Copco means quality and experience

Atlas Copco is a leading manufacturer of high quality machines for construction and demolition. Our products are sold and serviced through the Atlas Copco organization which has subsidiaries in more than 60 countries and a network of experienced local distributors in other markets.

Atlas Copco's business philosophy is simple – to enhance our customers' productivity and profitability by designing machines that combine high performance and mechanical reliability with the best ergonomic features possible. We strive to set new standards in the industry by always considering the impact of machinery on the environment, and minimizing operator health risks and fatigue.



Atlas Copco hand-held drills. Rugged, dependable performance

Atlas Copco's range of powerful, hand-held, pneumatic drills provides total reliability and performance. The advanced ergonomic drills are designed for low maintenance and maximum operator safety and comfort. Whatever the application, you can rest assured that Atlas Copco drills will increase the efficiency and productivity of your operation.

Everything you need

Atlas Copco offers a wide range of products, from concrete crushers and pulverizers to hydraulic breakers, pneumatic breakers, pick- and chipping hammers, rock drills and accessories. Our expertise is reflected in the versatility of our machines and the power mediums they employ – hydraulic oil, compressed air, electricity or petrol. We choose the medium that best suits the application.

The precision manufacturing and attention to detail that goes into every Atlas Copco machine and tool guarantees low operating costs, very low maintenance requirements, and maximum productivity.

Atlas Copco