

Secoroc Rock Drilling Tools

Secoroc underground rock drills



Sustainable Productivity

Atlas Copco

Robust design – high impact energy

Secoroc pusher leg and stoper rock drills cover all construction, tunneling and mining applications in different rock formations. They are robust designed, with high impact energy and low air consumption.

The rock drills all have water flushing, rifle bar rotation and the pusher leg control is placed at the back head of the rock drill. An in-line lubricator is included in the delivery of each rock drill.

Together with the appropriate pusher leg, the rock drill forms an attractive and cost effective drilling unit.



Underground rock drills

The YT29A rock drill is the most rugged, powerful and highly efficient rock drill in the range. It gives improved productivity and drill steel economy and can be used on all rock formation and in all kinds of applications.

The 7655 rock drill is an economical, reliable and durable all-round rock drill which suits most drilling applications.

While efficient and with low energy consumption, the YT27 is durable, reliable and suitable for all applications and all kinds of rock.

The YT28 rock drill has strong adaptability to the working conditions. The product is energy efficient, its components have long working life and durability.

The D-version of the 7655 is a robust and reliable rock drill. It requires less working air pressure and has lower air consumption than the 7655. This makes it suitable for work-sites with low air line pressure or low compressor capacity.

Rock drills specifications

Product name	Product No	Product code	Weight	Air requirement	Length incl. drill-steel	Drill-steel chuck (hex) retainer	Hole range diam.	Piston bore diam.	Piston stroke	Impact frequency	Rotation speed	Hose connection
YT29A	96000010	9605-0-3312300312	26.5 kg	62 l/s	659 mm	22(25)x108 mm	34-45 mm	82 mm	60 mm	37 Hz	300 r/min	25 mm
YT27	96000005	9603-0-3312300303	27 kg	57 l/s	668 mm	22x108 mm	32-45mm	80mm	60 mm	39 Hz	300 r/min	25 mm
7655	96000003	9600-0-3312300300	24 kg	54 l/s	628 mm	22x108 mm	32-42 mm	76 mm	60 mm	36 Hz	300 r/min	25 mm
YT28	96000020	9604-0-3312300335	26 kg	58 l/s	661 mm	22x108 mm	32-42 mm	80 mm	60 mm	35 Hz	260 r/min	25 mm
7655D	96000004	9601-0-3312300301	24 kg	52 l/s	668 mm	22x108 mm	32-42 mm	70 mm	70 mm	31 Hz	250 r/min	19 mm



Stoper YSP45

The Secoroc stoper rock drill, YSP45, is of robust design for tough working condition. It has high impact frequency and is mainly used for production drilling, raise driving and bolting.

YSP45 general specifications	
Product No	96000006
Product code	962A-0-3312300305
Air requirement	83 l/s
Rock drill piston bore	95 mm
Stroke length	47 mm
Impact frequency	45 Hz
Rotation speed	350 r/min
Weight	44 kg
Length retracted	1420 mm
Length extracted	2170 mm
Feeding length	750 mm
Feed piston bore	74 mm



Pusher legs

The Secoroc pusher legs are light in weight, easy to handle and connect and powered directly from the rock drill. The pusher legs are available in different lengths and extensions to achieve necessary reach. They also come with a variety of tube diameters for different feed force to suit various rock drills as well as different types of rock.

The FT 160C has extra extension for higher reach. The FT160B features a powerful leg for small drifting purposes.

Pusher legs specification				
Product name	FT160A	FT160B	FT160C	FT160BC
Product No.	96000038	96000039	96000040	96000041
Product code	9616-0-3312300608	9617-0-3312300609	9619-0-3312300610	9618-0-3312300619
Weight	17 kg	16 kg	18 kg	16 kg
Length retracted	1668 mm	1428 mm	1820 mm	1365 mm
Length extracted	3006 mm	2526 mm	3310 mm	3165 mm
Feeding length	1338 mm	1098 mm	1490 mm	1800 mm
Piston bore	65 mm	65 mm	65 mm	65 mm
Suitable for rock drill	7655, 7655D, YT27, YT29A	7655, 7655D, YT27, YT29	YT27, YT29A	YT28

Lubricators



Lubricators specification				
Product name	FY200A	FY250C	FY500A	FY200C
Product No.	96000042	96000046	96000043	96000045
Product code	963B-0-3312310178	963E-0-3312312367	963F-0-3312310189	963D-0-3312312307
Weight	1.2 kg	1.2 kg	2.5 kg	1.2 kg
Oil capacity	200 ml	250 ml	500 ml	200 ml



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