

Air line accessories

Attention to detail pays off at the tip of the tool



Are you really working at full capacity?

Even if you are using the best pneumatic machines available, you may not be getting the power you expect. The reason is simple: full power output is only possible when the flow of compressed air to the tool is unobstructed, with no inferior components in the system as a whole.



AIR-OIL

Many pneumatic machines have built-in lubricators. These should be filled with our specially formulated synthetic AIR-OIL before each working shift. This AIR-OIL offers a number of advantages over other lubricants. Besides excellent lubrication and anti-corrosion, the glycol based AIR-OIL prevents freezing, is insensitive to temperature variations and is environmental friendly.

MANTEX hose

The handling of long hoses is much easier when you use MANTEX hose. It gives a dramatic reduction in weight and more than 50% reduction in the bulk of a rolled-up hose. Another advantage is that the cord of MANTEX hose is woven, so that the hose, if it despite all precautions ruptures, does so longitudinally. Such a rupture still keeps the hose in one piece, eliminating the risk of whipping hose ends.

Maximum power output depends on the system as a whole

Pneumatic tools are powerful, tough and reliable. To obtain the full benefits of this, however, the air delivery system must be efficient. There must be no hidden bottle-necks. Every single disruption of the air flow through the line from compressor to tool, no matter how small, adds up to a significant loss of power. If poorly designed air line accessories reduce the available air pressure by just 1 bar, the performance of your pneumatic breakers and rock drills could drop by 20%.

Value for money?

The cost of air line accessories usually represents less than 5% of your investment in the total system, from the compressor to the tip of the tool. So when you buy cheap air line accessories, the impact on your total cash outlay is negligible. Not so the impact on your operating costs. A 20% reduction in output is equivalent to losing 40 working days a year!

Atlas Copco knows the importance of attention to detail in every part of the system. Using genuine Atlas Copco air line accessories only, you may rest assured that you will always get maximum power out of the pneumatic tools that earn your profits.



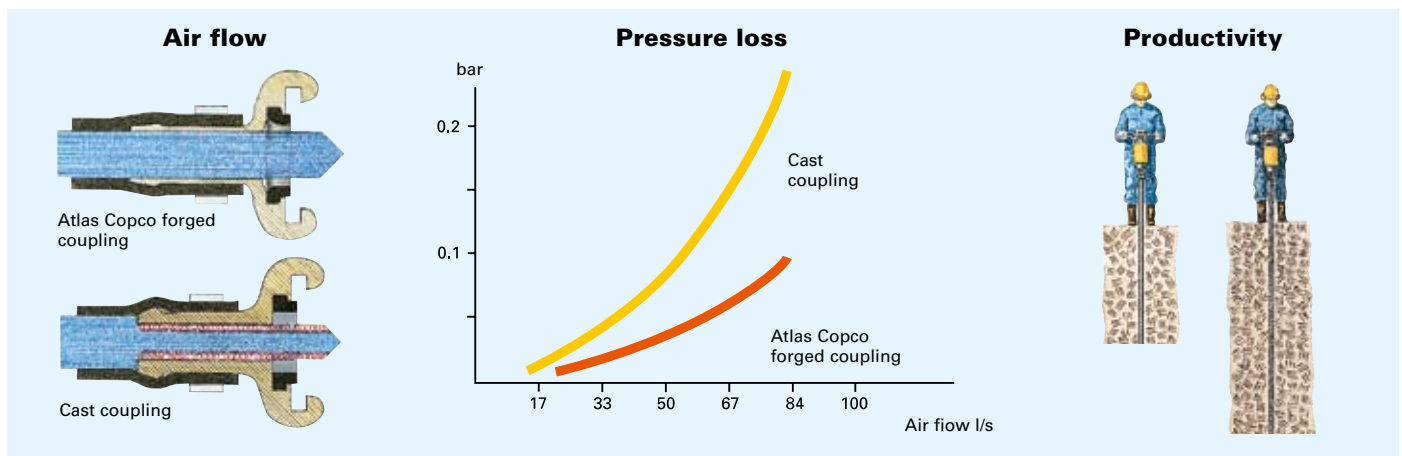
VAM water separators

Water condensate is always present in compressed air and must be removed to avoid corrosion and freezing problems. The VAM water separators operate on the centrifugal principle, with automatic emptying of the condensate.

BLG/CLG lubricators

Any pneumatic machine without built-in lubrication needs a separate lubricator to ensure that all moving parts are continuously covered with a film of oil. Our BLG and CLG lubricators use the ejector principle and ensure effective lubrication of all compressed air machines. Oil supply is set by means of a screw, after which the lubricator doses the lubricant in proportion to the airflow. BLG is a mineral oil lubricator, while CLG is for synthetic or mineral oil.

Atlas Copco forged and hardened Claw Couplings for maximum service life and flow.



A top-quality claw coupling has thin walls, allowing maximum air flow.

As few as six inferior, flow-choking couplings in the system can result in a power loss of 20% or more.

A 20% power loss means that at least 20% less work is done.

Air line accessories – easy access guide.

The components and dimensions shown cover most needs in construction and demolition work. For details on other products and dimensions, please

look into the catalog “Accessories for construction and demolition equipment” or contact your Atlas Copco representative.

MANTEX lightweight hose



Inner diameter		Max working pressure		Length roll	Weight	Part No.
mm	in	bar	psi			
20	3/4	20	290	60	13	9030 2014 00
25	1	20	290	60	16	9030 2006 00
40	1 1/2	14	203	60	27	9030 2007 00
50	2	14	203	60	36	9030 2008 00
76	3	10	145	40	36	9030 2009 00

Burst pressure = 5 x Max working pressure.

20 mm (3/4 in) and 25 mm (1 in) hoses also available in 100 and 200 m length.

MANTEX is available with fitted couplings and hose clamps.

MANTEX is available with customer name as option in min quantity of 1000 m.

Round rubber hose



Inner diameter		Max working pressure		Length roll	Weight	Part No.
mm	in	bar	psi			
20	3/4	16	232	30	19	9030 2040 00
20	3/4	16	232	20	13	9030 2040 03
25	1	16	232	30	24	9030 2041 00

Also available in 10 mm (3/8 in), 12.5 mm (1/2 in) and 16 mm (5/8 in) inner diameter. Round hoses are available with fitted couplings and hose clamps.

Water separators

Fitted with claw couplings (European standard)



Type	Air flow		Recommended hose dimension		Part No.
	l/sec	cfm	mm	in	
VAM 01	50	106	20	3/4	8092 0110 58
VAM 5A	120	254	25	1	8092 0110 82

Max working pressure 10 bar (145 psi).

Also available with US universal claw couplings.

Lubricators

Fitted with claw couplings (European standard)



Type	Air flow		Oil volume	Recommended hose dimension		Part No.
	l/sec	cfm		mm	in	
CLG 10	8-15	17-32	1.3	25	1	8202 5101 23
BLG 30	15-140	32-300	1.3	25	1	8202 5102 05
CLG 30	15-140	32-300	1.3	25	1	8202 5102 39

CLG for both mineral and synthetic oil, BLG for mineral oil only.

Max working pressure 20 bar (290 psi).

Also available with US universal claw couplings.

Claw couplings



Type	Hose inner diameter		Part No.
	mm	in	
Hose nipple	6.3	1/4	9000 0308 00
	10	3/8	9000 0309 00
	12.5	1/2	9000 0310 00
	16	5/8	9000 0311 00
	20	3/4	9000 0312 00
Hose nipple with lock nut	25	1	9000 0313 00
	10	3/8	9000 0260 00
	12.5	1/2	9000 0261 00
	16	5/8	9000 0262 00
	20	3/4	9000 0263 00
	25	1	9000 0264 00

Connecting thread

External thread	Internal thread	Cover
G3/8A	G3/8	9000 0314 00
G1/2A	G1/2	
G3/4A	G3/4	
G1A	G1	
	G3/8	
	G1/2	
	G3/4	
	G1	

Lock spring 3176 8640 00 fits all 9000 0300 00 to 9000 0314 00 couplings.

Hose clamp



Mantex hose inner diameter		Round hose inner diameter		Part No.
mm	in	mm	in	
20	3/4	12.5	1/2	9000 0194 00
		16	5/8	9000 0195 00
25	1	20	3/4	9000 0196 00
		25	1	9000 0197 00
40	1 1/2	31.5	1 1/4	9000 0381 00
50	2	40	1 1/2	9000 0198 01
		50	2	9000 0199 00
76	3	63	2 1/2	9000 0189 00

Double hose clamps are required for hose dimensions over 25 mm (1 in) inner diameter.

AIR-OIL synthetic lubricant

Size	Part No.
0.2 l bottle	8099 0202 40
1 l bottle	8099 0202 36
5 l container	8099 0202 02
25 l container	8099 0202 20
200 l barrel	8099 0202 28



Use only authorized parts. Any damage or malfunction caused by the use of unauthorized parts is not covered by Warranty or Product Liability.