

Pneumatic breakers, chipping hammers and rock drills



Sustainable Productivity

Atlas Copco



Attaining Sustainable Productivity...

Advanced Technology

Atlas Copco breakers are a dramatic leap ahead in technology. They are constructed from a one-piece, solid-cast housing eliminating frontheads, four-bolt backheads and sidebolts.

Easy to service

The TEX series has been designed for fast and exceptionally easy on-site service. A hammer and punch are all you need for virtually any service task, wherever you are.

Minimal parts inventory

In the TEX P60 and TEX P90 only three parts are not interchangeable. One inventory will cover both breakers.

Reduced wear

The anvil block, a time-proven design, reduces wear on the piston and cylinder and helps to keep dirt out of the hammer mechanism. The block allows use of US standard size chisels.



Air cushioning

TEX breakers feature air-cushioned piston return. Less vibration during hammering and dry firing reduces stress on the operator and the tool.

High power to weight ratios



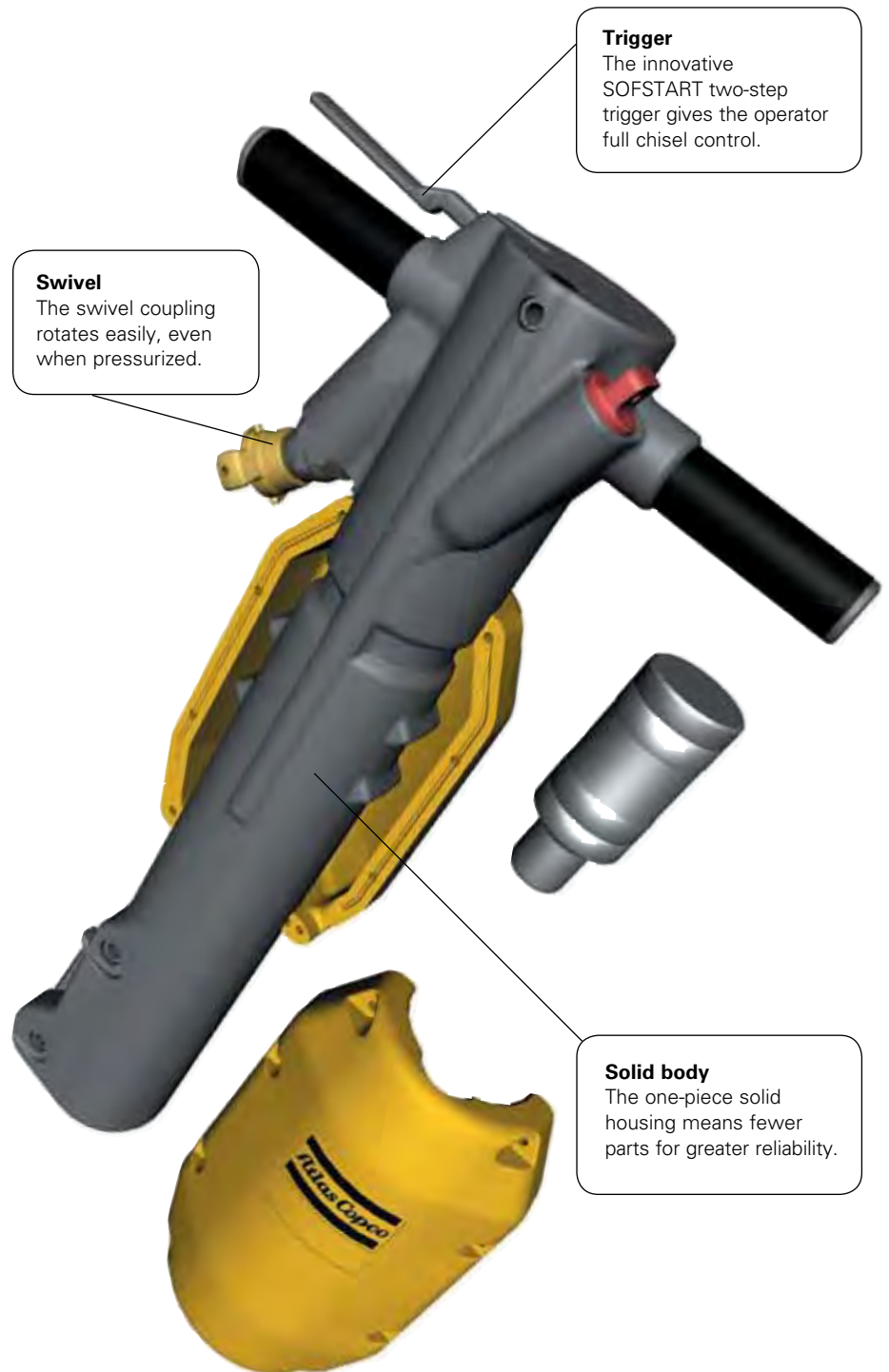
require less physical effort and less stress.

Noise reduction

The wear-resistant polyurethane silencer cuts noise emission by up to 75 % (as compared to the same breaker without noise reduction, ISO 3744). Its slim profile lets the operator see the chisel point and work-piece.

Full-shift lubricator

A built-in lubricator ensures efficient lubrication for minimum tool wear. The lubrication system is designed for easy access; either mineral or synthetic oils and enough capacity for an entire shift.



Trigger

The innovative SOFSTART two-step trigger gives the operator full chisel control.

Swivel

The swivel coupling rotates easily, even when pressurized.

Solid body

The one-piece solid housing means fewer parts for greater reliability.



Pneumatic Breakers that Deliver Sustainable Productivity—TEX PE Series

Highly efficient silencing and vibration dampening systems make TEX PE breakers comfortable to operate and the most productive choice for demanding jobs. The ergonomic design of the TEX PE series breakers equipped with HAPS® (Atlas Copco's Hand-Arm Protection System), means they can be used for prolonged periods with minimum risk to the operator's health.



Atlas Copco's HAPS® system

By reducing the in-use vibration value of the breaker, Atlas Copco's HAPS system decreases the negative effects of harmful vibration at a given trigger time. The PE series pneumatic breakers allow up to 7 times the trigger time of conventional fixed-handled tools at a given level of operator vibration-exposure.

TEX PE Series Specifications

Model	Tool shank (in.)	Weight (lbs.)	Air consumption (CFM)	Length (in.)	Impact frequency (blows/min.)	Part No.
TEX 150PE	1" x 4 1/4"	40	53	23	1530	8461 0223 35
TEX 190PE	1" x 4 1/4"	50	55	24	1500	8461 0224 35
TEX 230PE	1 1/8" x 6"	60	64	26	1320	8461 0225 34
	1 1/4" x 6"	60	64	26	1320	8461 0225 35
TEX 280PE	1 1/8" x 6"	70	68	27	1230	8461 0226 32
	1 1/4" x 6"	70	68	27	1230	8461 0226 33
TEX 33PE	1 1/8" x 6"	81	74	29	1200	8461 0227 08
	1 1/4" x 6"	81	74	29	1200	8461 0227 09
TEX 40PE	1 1/8" x 6"	93	83	30	1110	8461 0228 08
	1 1/4" x 6"	93	83	30	1110	8461 0228 09

Data at 6 bar (90 psi) air pressure.

Optional equipment

Description	Part No.
3/4" Universal Claw Coupling	9246 0204 39

Optional working tools: TEX breakers and TEX PE breakers

Description	1" x 4 1/4" Shank		1 1/8" x 6" Shank		1 1/4" x 6" Shank	
	Part No.	Length	Part No.	Length	Part No.	Length
Moil Point	3083 4030 00	15"	3083 3267 00	14"	3083 3285 00	14"
	3083 4030 10	18"	3083 4015 10	18"	3083 4000 10	18"
Narrow Chisel	3083 3309 00	15"	3083 3268 00	14"	3083 3286 00	14"
	3083 4031 10	18"	3083 4016 10	18"	3083 4001 10	18"
Wide Chisel	3083 3310 00	15"	3083 3289 00	15"	3083 3295 00	15"
	3083 4032 00	18"	3083 4017 00	18"	3083 4002 00	18"

Note: Length is under collar



Sustainable Productivity in a Breaker

... is the result of design, engineering and manufacturing precision. The result is a pneumatic breaker series that delivers performance and reliability; operator safety and comfort; ease of use and maintenance. Not only are the TEX P60 and TEX P90 among the most powerful in their class, but they are also the most reliable.

Power

The TEX breakers were designed for contractors who rank hitting power and productivity at the top of their must-have check list. The P90 has the largest hammer piston in the industry, more than 15% heavier than its nearest competitor. The P60's high blow frequency makes it ideal for cutting asphalt and concrete.

Control

This power is easy to control because of the exclusive SOFSTART two-step trigger. The operator can begin to hammer slowly, setting the chisel where it's needed –no wasted effort.

Handling

With their low center of gravity, these breakers are well balanced and easy to handle. A unique swivel coupling, which rotates even when pressurized, makes the TEX breakers easy to maneuver.



Noise Control

The muffler, available as an option, significantly reduces the noise level. Its slim design gives an unrestricted view of the work for maximum control.



TEX Series Specifications

Model	Tool shank (in.)	Weight (lbs.)	Air consumption (CFM)	Length (in.)	Impact frequency (blows/min.)	Part No.
TEX 140 PS	1" x 4 1/4"	33	53	23	1530	8461 0223 34
TEX 180PS	1" x 4 1/4"	44	55	24	1500	8461 0224 34
TEX P60	1 1/8" x 6"	68	76	27	1500	8461 0227 20
	1 1/4" x 6"	68	76	27	1500	8461 0227 21
TEX P60S	1 1/8" x 6"	73	76	27	1500	8461 0227 22
	1 1/4" x 6"	73	76	27	1500	8461 0227 23
TEX P90	1 1/8" x 6"	88	85	28	1260	8461 0228 20
	1 1/4" x 6"	88	85	28	1260	8461 0228 21
P90S	1 1/8" x 6"	93	85	28	1260	8461 0228 22
	1 1/4" x 6"	93	85	28	1260	8461 0228 23

Data at 6 bar (90 psi) air pressure.

Optional equipment

Description	Part No.
3/4" Universal Claw Coupling	9246 0204 39

Optional working tools: TEX breakers and TEX PE breakers

Description	1" x 4 1/4" Shank		1 1/8" x 6" Shank		1 1/4" x 6" Shank	
	Part No.	Length	Part No.	Length	Part No.	Length
Moil Point	3083 4030 00	15"	3083 3267 00	14"	3083 3285 00	14"
	3083 4030 10	18"	3083 4015 10	18"	3083 4000 10	18"
Narrow Chisel	3083 3309 00	15"	3083 3268 00	14"	3083 3286 00	14"
	3083 4031 10	18"	3083 4016 10	18"	3083 4001 10	18"
Wide Chisel	3083 3310 00	15"	3083 3289 00	15"	3083 3295 00	15"
	3083 4032 00	18"	3083 4017 00	18"	3083 4002 00	18"

Note: Length is under collar

Pick Hammers

Low weight – high productivity...

The TEX 09 and 12 series pick hammers are one of the lightest and most productive medium-weight tools in their class. They are fitted with D-type handles,

...with the reliability you need

TEX 09 and 12 pick hammers, available in a variety of models, are made to go on giving the same high level of performance under the toughest conditions, delivering **sustainable productivity**.

The TEX 12 is versatile tool in the Atlas Copco pick hammer line up. It combines high productivity with low weight to make it a champion in the medium-weight class.

Historical reliability and state of the art technology are combined then designed and built into every tool. The SOFTSTART two-step trigger feature lets the operator start slowly with full control over the chisel starting position and placement.



TEX 12PSK



PSK =
equipped with kick-latch type tool retainer for quick and easy tool changing.



PS =
equipped with threaded, cap-type tool retainer for more comfortable handgrip when performing horizontal tasks.



TEX 12PS

TEX Technical Specifications

Model	Tool shank (in.)	Weight (lbs.)	Air consumption (CFM)	Length (in.)	Impact frequency (blows/min.)	Part No.
TEX 09PS	7/8" x 3 1/4"	21	39	20	1800	8461 0211 02
TEX 09PSK	7/8" x 3 1/4"	23	39	21	1800	8461 0211 06
TEX 12PSK	7/8" x 3 1/4"	27	21	21	1800	8461 0211 16

S = Silenced

Optional working tools: TEX 09, TEX 12, TEX 03 and TEX 05

Description	7/8" x 3 1/4" Shank		7/8" x 4 1/4" Shank	
	Part No.	Length	Part No.	Length
Moil Point	3083 4050 00	14"	3083 3228 00	14"
	3083 4050 10	18"	3083 3229 00	18"
Narrow Chisel	3083 3303 00	14"	3083 3230 00	14"
	3083 4051 10	18"	3083 4071 00	18"
Wide Chisel	3083 3305 00	14"	3083 3232 00	14"
	3083 4052 10	18"	3083 4072 00	18"

Chipping Hammers

Sized right for the job

TEX 3 and 05 are the ideal choice for a wide variety of lighter chipping and scaling jobs. They are particularly suitable for renovation and structural alteration work, including chipping concrete, roughening surfaces, making holes, chasing and trimming a variety of materials.



TEX 05



TEX 03

Technical Specifications

Model	Tool shank (in.)	Weight (lbs.)	Air consumption (CFM)	Length (in.)	Impact frequency (blows/min.)	Part No.
TEX 3	● 3/4" x 2"	8	15	12	4080	8461 0208 53
TEX 05P	● 3/4" x 2"	12	20	15	2760	8461 0219 00
TEX 05PH	⦿ .580"	12	20	15	2760	8461 0219 01
TEX 05PR	● .680"	12	20	15	2760	8461 0219 03

● = Round shank ● = Hexagonal shank ⦿ = .580 Hexagonal shank

Optional equipment

Description	Part No.
1/2" Universal Female Coupling	9246 0204 38



Chipping Hammers

TEX 317, 318, 319, 320, 321, 419 and 420 are powerful chipping hammers equipped with rugged handles. Designed to provide years of trouble-free service, these hammers are equipped with oil-resistant neoprene exhaust deflectors and available with your choice of .580 hex or .680 round bushings.

Optional ball retainer is available on TEX 317, 317D, 319 and 419 models.



TEX 319



TEX 317D



TEX 317P



TEX 320



TEX 321





Technical Specifications

Model	Tool shank (in.)	Cylinder Stroke	Weight (lb)	Air consumption (CFM)	Length (in.)	Impact frequency (blows/min.)	Part No.
Screw on Handle Chipping Hammers with Standard Spring Retainer							
TEX 317P	● .680"	3	16	32	15	2200	9238 9817 50
	⬡ .580"	3	16	32	15	2200	9238 9817 60
TEX 317D	● .680"	3	16	36	15.25	2200	9245 9983 06
	⬡ .580"	3	16	36	15.25	2200	9245 9983 05
TEX 417D	● .680"	4	17.5	36	16	1800	9245 9990 32
	⬡ .580"	4	17.5	36	16	1800	9245 9990 31
Screw on Handle Chipping Hammer with Screw Cap Retainers							
TEX 318P	● .680"	3	17.5	32	16	2200	9245 9969 40
	⬡ .580"	3	17.5	32	16	2200	9238 9817 65
TEX 318D	● .680"	3	17.5	36	16	2200	9245 9983 08
	⬡ .580"	3	17.5	36	16	2200	9245 9983 07
4-Bolt Chipping Hammers with Standard Spring Retainer							
TEX 319	● .680"	3	18.5	32	15.25	2200	9245 9984 15
	⬡ .580"	3	18.5	32	15.25	2200	9245 9984 14
TEX 320	● .680"	3	18.5	32	15.25	2200	9246 0208 87
	⬡ .580"	3	18.5	32	15.25	2200	9246 0208 86
TEX 419	● .680"	4	19.5	36	16	1800	9245 9983 78
	⬡ .580"	4	19.5	36	16	1800	9245 9983 79
TEX 420	● .680"	4	19.5	36	16	1800	9753 2169 47
	⬡ .580"	4	19.5	36	16	1800	9743 2169 46
4-Bolt Chipping Hammers with Screw on Ball Retainer							
TEX 321	● .680"	3	19.5	32	15.25	2200	9246 0208 26
	⬡ .580"	3	19.5	32	15.25	2200	9246 0208 27
4-Bolt Chipping Hammers with Spring Ball Retainer							
TEX 319B	● .680"	3	18	32	15.25	2200	9245 9986 64
	⬡ .580"	3	18	32	15.25	2200	9245 9987 31
TEX 419B	● .680"	4	19	36	16	1800	9245 9992 11
	⬡ .580"	4	19	36	16	1800	9245 9992 10

● = Round shank ⬡ = Hexagonal shank ⬢ = .580 Hexagonal shank
 Use oval collar with 317, use round collar with 318.

Optional equipment

Description	Part No.
Whip Hose - 10FT 3/8 NPT Swivel for TEX 317, 417, 318, 319, 419	9246 0203 63
Whip Hose - 10FT 7/8 Swivel for TEX 320, 321 and 420	9245 9983 14
Ball retainer	9245 9983 14
Round retainer-spring	9246 0205 01
Oval retainer-spring	9247 9853 50

Optional working tools: TEX 317, TEX 318, TEX 319, TEX 320, TEX 321, TEX 419 and TEX 420

Description	.680 Round Shank / Oval Collar		.580 Hex Shank / Oval Collar		.680 Round Shank / Round Collar		.580 Hex Shank / Round Collar	
	Part No.	Length	Part No.	Length	Part No.	Length	Part No.	Length
Moil Point	3083 4100 00	9"	3083 4120 00	9"	3083 4110 00	9"	3083 4130 00	9"
	3083 4100 10	12"	3083 4120 10	12"	3083 4110 10	12"	3083 4130 10	12"
	3083 4100 20	18"	3083 4120 20	18"	3083 4110 20	18"	3083 4130 20	18"
Narrow Chisel	3083 4101 00	9"	3083 4121 00	9"	3083 4111 00	9"	3083 4131 00	9"
	3083 4101 10	12"	3083 4121 10	12"	3083 4111 10	12"	3083 4131 10	12"
	3083 4101 20	18"	3083 4121 20	18"	3083 4111 20	18"	3083 4131 20	18"

Note: Length is overall length

Rivet Busters

Fitted with "D" type handles, the TEX 626, TEX 830 and 1133 rivet busters are tough, powerful tools designed for heavy demolition work. Their long stroke and high impact energy, coupled with the ergonomics of the rivet buster valve, make them ideal for extended demolition use.



TEX 830RD

Technical Specifications

Model	Weight (lb)	Air consumption (CFM)	Length (in.)	Impact frequency (blows/min.)	Part No.
TEX 626R	26	42	20.5	1200	9245 9989 81
TEX 830RD	30	44	22.5	1140	9238 9817 71
TEX 830RP	30	44	22.5	1140	9246 0206 59
TEX 1133RD	33	50	25.5	850	9238 9817 85
TEX 1133RP	33	50	25.5	850	9246 0206 60

Optional equipment

Description	Part No.
Whip Hose 1/2" x 10 ft. with swivel	9246 0203 64

Optional working tools: TEX 626, TEX 830 and TEX 1133

Description	11X Jumbo Shank	
	Part No.	Length
Moil Point	3083 4140 00	10"
	3083 4140 10	12"
	3083 4140 20	18"
Narrow Chisel - concrete work	3083 4141 00	10"
	3083 4141 10	12"
	3083 4141 20	18"
Narrow Chisel - metal work	3083 4142 00	10"
	3083 4142 10	12"
	3083 4146 20	18"

Note: Length is overall length

Backfill Tamper

The TEX 640 backfill tamper is designed to efficiently and effectively compact loose backfill material around utility poles and foundations as well as backfilling trenches and road repairs. The High frequency of blows per minute means that base material is compacted quickly and efficiently.

The TEX 640 features a built-in lubricator that allows for the correct amount of oil during operation. An adjustable packing nut allows for proper re-adjustment as the packing set wears.

Technical Specifications

Model	Weight (lb)	Air consumption (CFM)	Length (in.)	Impact frequency (blows/min.)	Part No.
TEX 640 with 4" RND Butt	40	38.5	48.25	800	9245 9976 00
TEX 640 with Pole Butt	40	38.5	48.25	800	9245 9976 01



TEX 640

Optional equipment

Description	Part No.
Pole butt	9245 9981 65
Aluminum butt 3"	9245 9987 21
Aluminum butt 4"	9245 9990 28
Malleable Iron butt 6"	9245 9981 60
Whip Hose 1/2" x 10 ft. with swivel	9246 0203 64

Ergonomic Scaler

Ruggedly built, the TEX 117 is a low maintenance, long reach scaler perfect for many surface-cleaning operations. Using a variety of standard accessories, the operator can chip concrete, grout, caulking or remove tiles, mastic, paint and roofing materials. The ergonomic long reach scaler reduces time-consuming hand scraping and back breaking labor; it is economical to use, consuming only 7 cfm, and can operate from a small portable compressor.



TEX 117

Technical Specifications

Model	Description	Weight (lb)	Air consumption (CFM)	Length (in.)	Impact frequency (blows/min.)	Part No.
TEX 117	Floor Scraper	17	7	70	2300	9245 9981 65

Includes 4" wide chisel—9245 9987 67

Rock Drills

Improved safety – sustainable productivity

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

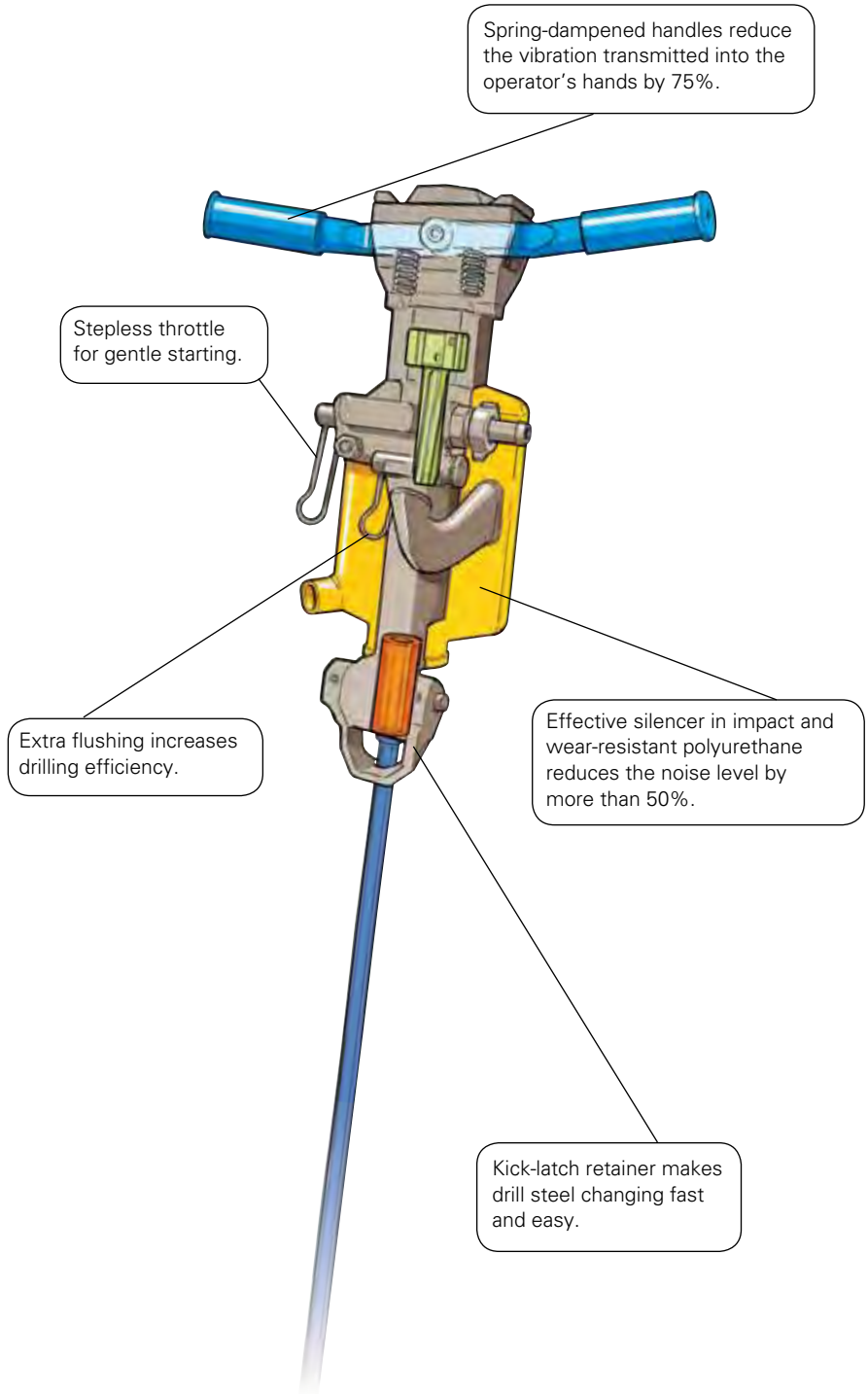
Reduced noise and vibration

The BBD 15E and RH 572E are equipped with spring-dampened handles that reduce vibration transmissions to the operator's hands by more than 75%. Sound suppressors reduce low-frequency noise levels by 7 dB(A) – more than 50%. The combination minimizes operator fatigue and raises productivity.

Fit the need

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

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 applications that demand a high-performance, lightweight, easy-to-handle drill.



Technical Specifications

Model	Weight (lbs.)	Air requirement (CFM)	Length incl. drill-steel retainer (in.)	Drill-steel chuck (hex) (in.)	Impact frequency (blows/min.)	Rotation speed (r/min.)	Penetration rate (in./min.)	Hose connection (in.)	Part No.
BBD 15E	34	47	22 3/4"	3/4" x 4 1/4"	2520	220	8 3/4 ¹⁾	5/8"	8311 0104 02
	34	47	22 3/4"	7/8" x 3 1/4"	2520	220	8 3/4 ¹⁾	3/4"	8311 0104 09
	34	47	22 3/4"	7/8" x 4 1/4"	2520	220	8 3/4 ¹⁾	5/8"	8311 0104 10
BBD 15ET*	34	47	22 3/4"	7/8" x 4 1/4"	2520	220	8 3/4 ¹⁾	5/8"	8311 0104 13

¹⁾ Drilling in granite with 1 1/8", chisel-type integral drill-steel (working at 90 psi)

²⁾ Drilling in granite with 1 1/4", chisel-type integral drill-steel (working at 90 psi)

* Lever operated throttle control.

Light Rock Drills

Power and Handling

The lightweight BBD 12 hand-held rock drill is the perfect partner in a wide variety of applications where maneuverability and easy handling are important. Available in two models, one for horizontal drilling and one for vertical-down drilling, the BBD delivers 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 3 feet.

For vertical-down drilling to 10 feet in depth, Atlas Copco offers the BBD 12T, with slightly-angled T-type handle, 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 safe, quick and easy steel changes.



BBD 12TS

BBD 12D

Technical Specifications

Model	Weight (lbs.)	Air requirement (CFM)	Length incl. drill-steel retainer (in.)	Drill-steel chuck (hex) (in.)	Impact frequency (blows/min.)	Rotation speed (r/min.)	Penetration rate (in./min.)	Hose connection (in.)	Part No.
Horizontal									
BBD 12D	22	51.1	22 1/4"	3/4" x 4 1/4"	2580	220	10 ¹⁾	5/8"	8311 0102 47
BBD 12DS	24	46.9	22 1/4"	3/4" x 4 1/4"	2520	220	8 ¹⁾	5/8"	8311 0102 80
Vertical-down									
BBD 2T-01	24	51.1	20"	7/8" x 4 1/4"	2580	220	6 ²⁾	5/8"	8311 0102 95
BBD 12TS-01	27	46.9	20"	7/8" x 4 1/4"	2520	220	6 ²⁾	5/8"	8311 0102 98

¹⁾ Drilling in granite with 1-1/8", chisel-type integral drill-steel (working at 90 psi)

²⁾ Drilling in granite with 1-1/4", chisel-type integral drill-steel (working at 90 psi)

CARBIDE TIPPED INTEGRAL DRILL STEELS

Description	7/8" x 3 1/4" Shank	7/8" x 4 1/4" Shank
Drill-Integral 5/8" X 9" UC	3083420000	3083421000
Drill-Integral 5/8" X 12" UC	3083420010	3083421010
Drill-Integral 5/8" X 18" UC	3083420020	3083421020
Drill-Integral 3/4" X 9" UC	3083420100	3083421100
Drill-Integral 3/4" X 12" UC	3083420110	3083421110
Drill-Integral 3/4" X 18" UC	3083420120	3083421120
Drill-Integral 7/8" X 9" UC	3083420200	3083421200
Drill-Integral 7/8" X 12" UC	3083420210	3083421210
Drill-Integral 7/8" X 18" UC	3083420220	3083421220
Drill-Integral 1" X 9" UC	3083420300	3083421300
Drill-Integral 1" X 12" UC	3083420310	3083421310
Drill-Integral 1" X 18" UC	3083420320	3083421320
Drill-Integral 1 1/8" X 12" UC	3083420400	3083421400
Drill-Integral 1 1/8" X 18" UC	3083420410	3083421410
Drill-Integral 1 1/4" X 12" UC	3083420500	3083421500
Drill-Integral 1 1/4" X 18" UC	3083420510	3083421510
Drill-Integral 1 3/8" X 12" UC	3083420600	3083421600
Drill-Integral 1 3/8" X 18" UC	3083420610	3083421610
Drill-Integral 1 1/2" X 12" UC	3083420700	3083421700
Drill-Integral 1 1/2" X 18" UC	3083420710	3083421710



Lightweight Drill/Chipper

Light, versatile, productive

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 plugholes from 5/16" to 1-1/8" in diameter and up to 12" in depth in concrete floors, walls and roofs for pipe cable and ventilation duct installations. 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 drill 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 makes tool changes safe, quick and easy.

Technical Specifications

Model	Weight (lbs.)	Air requirement (CFM)	Length r (in.)	Impact frequency (blows/min.)	Rotation speed (r/min.)	Penetration rate (in./min)	Shank (in.)	Hose connection (in.)	Part No.
DKR 36	10	21.3	14 3/4"	2820	250	7.1 '1)	● .580" x 3 1/2"	3/4"	8463 0103 60
DKR 36R	10	21.3	14 3/4"	2820	250	7.1 '1)	● 3/4" x 3 1/4"	3/4"	8463 0103 50

● = Round shank

● = Hexagonal shank

Optional working tools: DKR 36

Description	3/4" x 3 3/4" Round Shank	
	Part No.	Length
Moil Point	3083 4160 00	10"
	3083 3261 00	15"
Narrow Chisel	3083 4161 00	10"
	3083 3262 00	15"
Plug Hole Drills	3/4" x 3 3/4" Round Shank C9	
1/2	3083 4150 00	8"
	3083 4150 10	10 1/2"
	3083 4151 00	8"
5/8	3083 4151 10	12"
	3083 4151 20	18"
	3083 4152 00	8"
3/4	3083 4152 10	12"
	3083 4152 20	18"
	3083 4153 00	8"
7/8	3083 4153 10	12"
	3083 4153 20	18"
	3083 4154 00	8"
1	3083 4154 10	12"
	3083 4154 20	18"
	3083 4155 00	8"
1 1/8	3083 4155 10	12"
	3083 4155 20	18"
	3083 4156 00	8"
1 1/4	3083 4156 10	12"
	3083 4156 20	18"

Note: Length is overall length on the Moil Point and Narrow Chisel



DKR 36

Medium-weight Rock Drills

Power that's easy to handle

The RH 571 and RH 658 rock drills compact, versatile designs make them easy to position and handle. High penetration rates get the job done quickly delivering maximum productivity.

RH drills are designed for bench drilling, secondary drilling, and drilling for smooth blasting. The RH 571 lighter weight makes it the right choice for smaller jobs. The more powerful, and slightly heavier RH 658 provides a higher drilling rate and can handle depths up to 20 feet.

Design features

The extra flushing air valve is a special feature that provides simple, rapid cleaning of the drill hole for maximum productivity. Changing drill steel is safe, quick and easy. They are designed with a robust kick-latch type retainer that quickly and easily locks the drill steel into position.

Both drills have rifle-bar rotation, with slower rotation and high impact energy, making them the right choice for drilling in hard rock. They are also equipped with T-handles for a solid, comfortable grip.



Technical Specifications

Model	Weight (lbs.)	Air requirement (CFM)	Length incl. drill-steel retainer (in.)	Drill-steel chuck (hex) (in.)	Impact frequency (blows/min.)	Rotation speed (r/min.)	Penetration rate (in./min.)	Hose connection (in.)	Part No.
RH 572E	50	79	23"	7/8" x 4 1/4"	2040	170	10 1/4 ²⁾	3/4"	8311 0301 78
RH 571-5L	39	83	20"	7/8" x 4 1/4"	2100	190	11 5/8 ¹⁾	3/4"	8311 0301 29
RH 571-5LS	42	83	20"	7/8" x 4 1/4"	1980	190	10 7/8 ¹⁾	3/4"	8311 0301 37
RH 658L	53	123.5	22 1/4"	7/8" x 4 1/4"	2040	215	16 3/4 ¹⁾	3/4"	8311 0302 86
	53	123.5	22 1/4"	1" x 4 1/4"	2040	215	16 3/4 ¹⁾	3/4"	8311 0302 89
RH 658LS	55	123.5	22 1/4"	7/8" x 4 1/4"	2040	215	16 ¹⁾	3/4"	8311 0302 87

¹⁾ Drilling in granite with 1 1/4", chisel-type integral drill-steel (working at 90 psi)

CARBIDE TIPPED INTEGRAL DRILL STEELS

Description	7/8" x 3 1/4" Shank	7/8" x 4 1/4" Shank
Drill-Integral 5/8" X 9" UC	3083420000	3083421000
Drill-Integral 5/8" X 12" UC	3083420010	3083421010
Drill-Integral 5/8" X 18" UC	3083420020	3083421020
Drill-Integral 3/4" X 9" UC	3083420100	3083421100
Drill-Integral 3/4" X 12" UC	3083420110	3083421110
Drill-Integral 3/4" X 18" UC	3083420120	3083421120
Drill-Integral 7/8" X 9" UC	3083420200	3083421200
Drill-Integral 7/8" X 12" UC	3083420210	3083421210
Drill-Integral 7/8" X 18" UC	3083420220	3083421220
Drill-Integral 1" X 9" UC	3083420300	3083421300
Drill-Integral 1" X 12" UC	3083420310	3083421310
Drill-Integral 1" X 18" UC	3083420320	3083421320
Drill-Integral 1 1/8" X 12" UC	3083420400	3083421400
Drill-Integral 1 1/8" X 18" UC	3083420410	3083421410
Drill-Integral 1 1/4" X 12" UC	3083420500	3083421500
Drill-Integral 1 1/4" X 18" UC	3083420510	3083421510
Drill-Integral 1 3/8" X 12" UC	3083420600	3083421600
Drill-Integral 1 3/8" X 18" UC	3083420610	3083421610
Drill-Integral 1 1/2" X 12" UC	3083420700	3083421700
Drill-Integral 1 1/2" X 18" UC	3083420710	3083421710



Pusher Leg Rock Drills and Stopers

Real value, top quality

As soon as you pick it up, you'll feel the quality. It's solid, well made. Start it up and you'll notice the power.

You'll appreciate the real advantages of an Atlas Copco rock drill. Each and every part is made to the highest tolerances and of the very best materials. This means that even when you replace a part, your drill will deliver the same level of performance as when it was brand new. Time after time. Year after year.

How long does an Atlas Copco rock drill last? Let's just say that by the end of its service life you'll have no doubt that it's given you real value for your money.



BBD 46WS-6

Stoppers

BBD 46WS/WR - Falcon

- Suitable for production drilling, raise driving and bolting in soft to medium hard rock
- Short stroke, good penetration rates
- Large piston diameter gives high efficiency even at low air pressure
- Ratchet wheel rotation mechanism
- WR version with clockwise rotation for tightening nuts and roof bolting

Technical Specifications

Model	Hole range (in.)	Air consumption (CFM) at 90psi	Rock drill piston bore (in.)	Stroke length (in.)	Impact rate (bpm) at 90psi	Feed piston bore (in.)	Feeding length (in.)	Length retracted (in.)	Length extended (in.)	Weight (lbs.)	Part No.
BBD 46WS-6	1-1 5/8"	160	2.95"	1.77"	3060	2.95"	30 3/8"	56 1/2"	86 3/4"	86	8311 0202 03
BBD 46WS-8	1-1 5/8"	160	2.95"	1.77"	3060	2.95"	38"	65"	103"	88 1/8	8311 0202 11
BBD 46WR-6	1-1 5/8"	160	2.95"	1.77"	2940	2.95"	30 3/8"	56 1/2"	86 3/4"	86	8311 0202 29
BBD 46WR-8	1-1 5/8"	160	2.95"	1.77"	2940	2.95"	38"	65"	103"	88 1/8	8311 0202 37

Pusher Leg Rock Drills

BBC 16W - Puma



- All-round rock drill, suitable for most drilling applications in medium to hard rock
- Long stroke, good penetration rate
- Robust rifle bar rotation mechanism
- Pusher leg control placed in back head of the rock drill

BBC 34WTH



- Highly efficient in medium to hard rock
- Long stroke, high impact energy
- Large piston diameter makes it very efficient even at low air pressure
- Powerful rifle bar rotation mechanism
- Pusher leg control placed in NEW throttle handle

BBD 94W - Panther



- High performance rock drill for soft to hard rock
- Short stroke and high impact rate makes it ideal for soft rock
- Large piston diameter for high efficiency even at low air pressure
- Ratchet wheel rotation mechanism
- Pusher leg control is located on the pusher leg

RH 656W



- Suitable for soft to medium hard rock
- Good ratio between high penetration/low air consumption
- Due to low weight, it can also be used as a sinker.
- Supplied with T-handle
- Rugged rifle bar rotation mechanism
- Pusher leg control is located on the pusher leg

Pusher Leg Rock Drill Technical Specifications

Model	Hole range (in.)	Air consumption (CFM) at 90psi	Rock drill piston bore (in.)	Stroke length (in.)	Impact rate (bpm) at 90psi	Length (in.)	Weight (lbs.)	Part No.
BBC 16W ¹	1-1 5/8"	146	2.75"	2.16"	2340	28"	57 1/4	8311 0401 10
BBC 34W ¹	1-1 5/8"	187	3.15"	2.75"	2280	31 1/2"	68 1/4	8311 0408 05
BBC 34WTH*	1-1 5/8"	187	3.15"	2.75"	2280	31 1/2"	68 1/4	8311 0408 10
BBD 94W	1-1 5/8"	206	3.54"	1.77"	3300	26 3/8"	59 1/2	8311 0206 09
RH 656W	1-1 5/8"	102	2.56"	2.36"	2040	2 7/8"	48 1/2	8311 0303 45

¹) Chuck Kit - (1" x 4 1/4") for BBC 16 & BBC 34 Part No. 3121082681

Pusher Leg Technical Specifications

Model	Suitable for rock drill	Piston bore (in.)	Feeding length (in.)	Length retracted (in.)	Length extended (in.)	Weight (lbs.)	Part No.
Single telescope							
BMT 51	BBC 16W, 34W	2.36	51"	65 1/4"	116 1/2"	33	8321 0301 01
ALF 71	BBC 16W, 34W	2.75	51"	71"	122 1/4"	30 3/4	8321 0201 94
ALF 71-1	BBC 16W, 34W	2.75	37 1/2"	57 1/4"	94 3/4"	28 1/2	8321 0201 95
ALF 72D	BBD 94W	2.75	51"	77 1/2"	128 3/4"	41 3/4	8321 0201 80
ALF 72D-1	BBD 94W	2.75	47 1/4"	72"	119 1/4"	35 1/4	8321 0201 81
BMK 62S	RH 656W	2.08	51"	71 1/2"	122 1/2"	37 1/2	8321 0102 02
Double telescope							
ALF 67/80	BBC 16W, 34W	2.64/3.15	73"	58 3/4"	131 7/8"	131 7/8	8321 0201 85
ALF 67/80D	BBD 94	2.64/3.15	73"	62 3/4"	135 3/4"	135 3/4	8321 0201 69



Air-powered pumps – for safe handling of liquids under difficult conditions

Both clean and polluted liquids

Pumps used for both clean and polluted liquids in the construction, mining and process industries have to satisfy stringent demands for quality and reliable operation. They must be able to withstand difficult conditions.

Atlas Copco's air-powered pumps meet the strictest requirements. They are available in two basic designs, DIP centrifugal pumps and DOP diaphragm pumps. Both types share a number of advantages.

• Robust

Air-powered operation ensures superior resistance to dirt, damp and impurities.

• Cannot be damaged by overloading

An air-powered pump never runs the risk of damage from overloading.

• Suitable in all kinds of environments

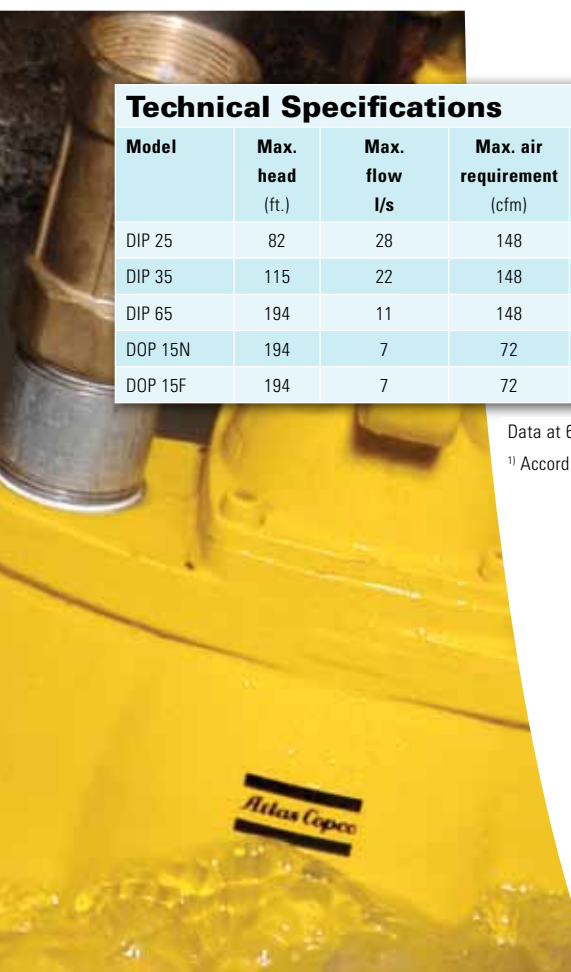
These pumps contain no electrical components which can cause sparks, and do not leak oil or need any inflammable fuel.

• Efficient

Air-powered operation gives very high capacity in relation to weight, which makes the pumps easy to transport and use in confined spaces.

• Simple design

Atlas Copco's air-powered pumps are of very simple design, which means simple handling, reliable operation and low maintenance requirements.



Technical Specifications

Model	Max. head (ft.)	Max. flow l/s	Max. air requirement (cfm)	Weight (lbs.)	Dimensions			Connection thread ¹⁾			Part No.
					Height (in.)	Length (in.)	Width (in.)	Fluid outlet (in.)	Air inlet (in.)	Air outlet (in.)	
DIP 25	82	28	148	51	17"	9 1/4"	11 1/4"	G 2 1/2"	G 2 3/4"	G 1 1/2"	8492 0103 21
DIP 35	115	22	148	51	17"	9 1/4"	11 1/4"	G 2 1/2"	G 2 3/4"	G 1 1/2"	8492 0103 39
DIP 65	194	11	148	51	17"	9 1/4"	11 1/4"	G 2 1/2"	G 2 3/4"	G 1 1/2"	8492 0106 20
DOP 15N	194	7	72	68	23"	15 1/4"	13"	G 2 1/2"	G 2 3/4"	-	8492 0101 20
DOP 15F	194	7	72	68	23"	15 1/4"	13"	G 2 1/2"	G 2 3/4"	-	8492 0101 02

Data at 6 bar (90 psi).

¹⁾ According to ISO 228/1.

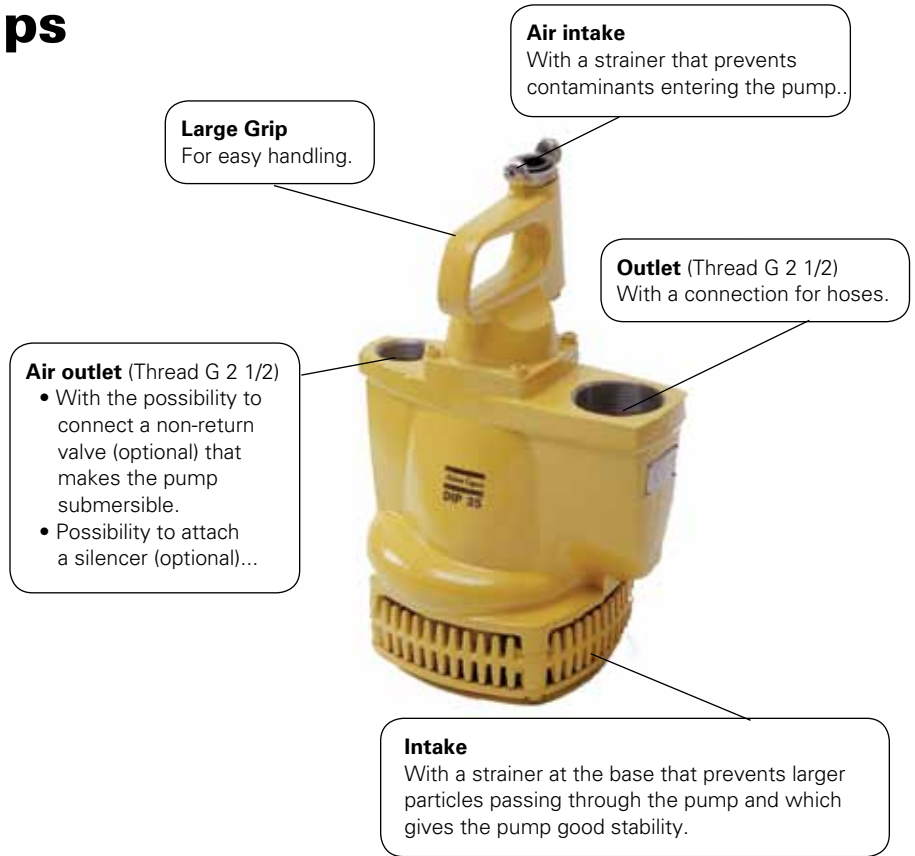
Optional equipment

Description	Part No.	
Lubricator CLG 30 for synthetic or mineral Air-Tool oil w/US fittings	8202 5102 40	
DIP Centrifugal Pumps	Silencer for dry air, including connection parts	3330 0033 91
	Silencer for damp air, including connection parts	3330 0072 91
DOP Diaphragm Pumps	Lubricator CLG 30 for synthetic or mineral Air-Tool oil w/US fittings	8202 5102 40
Adapter	2 1/2" MBSP to 2" MNPT	9246 0205 63

DIP centrifugal pumps

DIP centrifugal pumps are specially designed for relatively clean low-viscosity liquids such as water, cooling fluids, solvents, light oil or gas. A specially designed rotating mechanical seal prevents leakage.

- Flexible – three pumps in one. A simple change of impeller and intake ring makes it possible to adjust to the desired capacity and head.
- Compact design and a high-output air motor give the DIP pumps very high capacity in relation to gas and electric motors of the same weight.
- Submersible with a non-return valve (optional) mounted, or alternatively a hose connected so that the air outlet is above the surface.



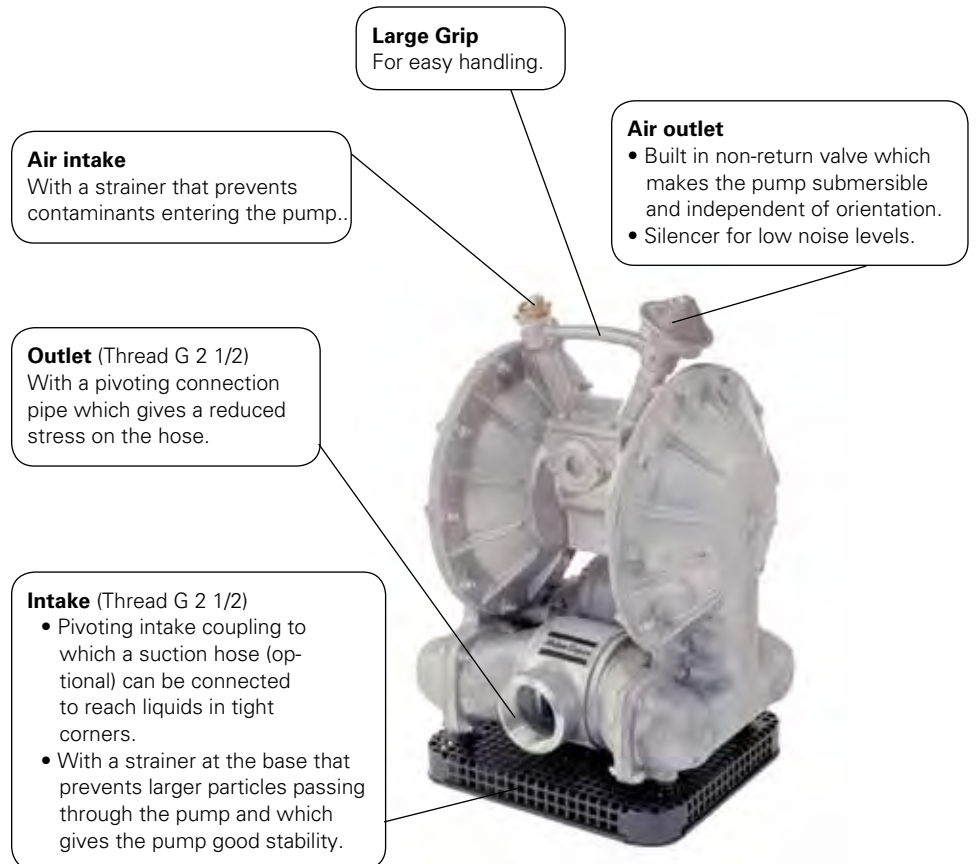
DOP diaphragm pumps

DOP diaphragm pumps are designed for the most polluted and viscous liquids, as well as highly abrasive and inflammable fluids.

DOP 15N – an all-round pump for construction, mining and industrial applications. The diaphragm and valve flaps are made of nitrile rubber.

DOP 15F – specially designed for the process industry, with fluorine (viton) rubber diaphragm and valve flaps.

- Can handle large solid particles up to 1-1/3 inch in diameter.
- Submersible
- Self-priming which means that unnecessary handling is avoided.
- Can be connected in series to increase the head.





X- LITE: 100 % safety and operating comfort

As compressed air application for demanding jobs, X- LITE pneumatic hoses offer a perfectly safe transfer of compressed air into the machines – at almost any working condition for professional drills and breakers.

X- LITE stands for maximum operator comfort, as lightweight flat hoses are much more easy to handle than conventional heavy and bulky ones. With maximum safety included: Manufactured with a woven reinforcement, they remain extremely resistant to bursting or tearing during a long lifetime.

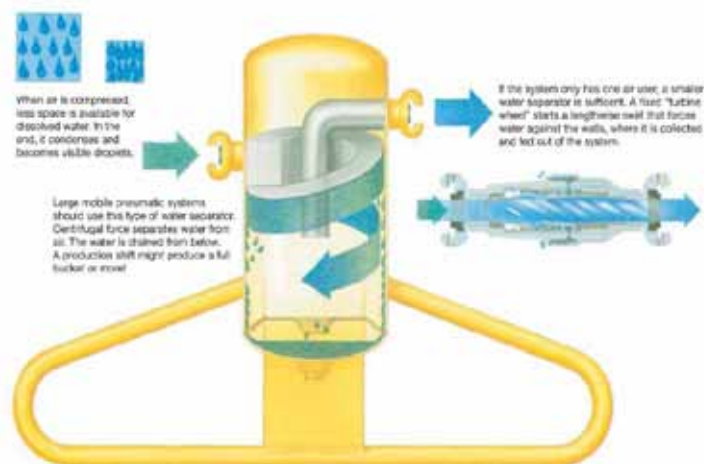
In addition, the X- LITE range offers customised versions – in order to identify company equipment clearly on the site.

Technical Specifications

Description	Inner diameter (in.)	Max. working pressure (psi)	Length roll (ft.)	Part No.
Hose rolls				
Lightweight Hose	3/4"	290	195	9030 2114 00
Lightweight Hose	3/4"	290	325	9030 2114 01
Lightweight Hose	3/4"	290	650	9030 2114 02
Lightweight Hose	1"	290	195	9030 2106 00
Lightweight Hose	1"	290	325	9030 2106 01
Lightweight Hose	1"	290	650	9030 2106 02
Lightweight Hose	1 1/2"	200	195	9030 2107 00
Lightweight Hose	2"	200	195	9030 2108 00
Lightweight Hose	3"	145	130	9030 2109 00
Premounted hoses				
US-universal	3/4"	290	49	9030 2160 00
US-universal	3/4"	290	98	9030 2161 00
US-universal	1"	290	49	9030 2126 00
US-universal	1"	290	98	9030 2162 00

For information on personalized hose and color please call (800) 227-9144

VAM 5A Water separator



The VAM 5A is a heavy duty water separator for compressed airline systems in construction and mining applications.

By using a VAM 5A water separator together with Atlas Copco's range of AIR-OIL's and CLG/BLG lubricators - the customer will have optimum machine protection!

VAM 5A Features:

- Superior moisture protection and water removal.
- Dirt removal by centrifugal function.
- Large airflow capacity of 254 cfm,
- Can serve multiple pneumatic machines simultaneously.
- Robust design to withstand tough mining and construction applications.
- Easy to carry and low weight

VAM 5A Benefits:

- Reduced total cost of ownership
- Reduced product lifecycle cost
- More reliable machine operation
- Reduced maintenance
- Less machine corrosion
- Less freezing problems in ambient temperatures



Air Line Accessories



Lubricators And Water Separator	Part No.
Ac Oiler & Separator Kit With 10' 3/4 Hose Whip	9246 0208 19
Ac Oiler & Separator Kit With Universal Couplings	9246 0208 20
Water Separator - VAM 01	8092 0110 59
Separator-Water VAM 5A U.S.	8092 0110 83
Clg 30 Lubricator	8202 5102 40
Lubricator Comp 3/4 NPT - 110z	9246 0203 68
Lubricator Comp 3/4 NPT - 8 Oz	9246 0206 64
Lubricator Comp 3/4 NPT - 50z	9246 0203 69
Whip Hoses & Swivels	Part No.
Inlet Swivel 7/8" X 24	9246 0203 70
Inlet Swivel 3/8" NPT	9246 0203 71
Inlet Swivel - 1/2" Pipe	9246 0203 72
Whip Hose - 10Ft 7/8-24 Swivel	9246 0203 62
Whip Hose - 10Ft 3/8 NPT Swivel	9246 0203 63
Whip Hose - 10Ft 1/2 Pipe Swivel	9246 0203 64
Whip Hose - 10Ft - 3/8 NPT Swivel & 3.70z Oiler	9246 0203 65
Whip Hose - 10Ft - 7/8-24 Swivel & 3.70z Oiler	9246 0203 66
Whip Hose - 10Ft -1/2" Pipe & 5.00z Oiler	9246 0203 61
Rivet Buster Consumables	Part No.
Upper Sleeve - Busters	P156988
Lower Sleeve - Busters	P072333
Rubber Bumper	3303 0051 03
Spring	P073942
Rubber Hose & Accessories	Part No.
Hose-Rubber 3/4"X50' 250 psi	9238 9814 90
Hose-Rubber 3/4"X100' 250 psi	9246 0207 31
Coupling-1/2" Universal Hose End	9246 0204 35
Coupling-3/4" Universal Hose End	9246 0204 36
Coupling-1" Universal Hose End	9246 0204 37
Coupling-1/2" Universal Female	9246 0204 38
Coupling-3/4" Universal Female	9246 0204 39
Coupling-1" Universal Female	9246 0204 40
Coupling-1/2" Universal Male	9246 0204 41
Coupling-3/4" Universal Male	9246 0204 42
Coupling-1" Universal Male	9246 0204 43
Hose Clamp-1/2" 2-Bolts	9246 0204 44
Rubber Hose & Accessories, cont'd.	Part No.
Hose Clamp-3/4" 2-Bolts	9246 0204 45
Hose Clamp-1" 2-Bolts	9246 0204 46
Universal Coupling Gasket - 50/Bag	9246 0204 82
Safety Clip	9246 0204 83
Spring Guard For 1/2" Whip Hose	9246 0204 84
Whip Check - Hose-To-Hose Safety Cable	9246 0204 85
Whip Check - Hose-To-Tool Safety Cable	9246 0204 86

Rock Drill Oil

Lubricant for Atlas Copco pneumatic Rock Drills

Rock Drill AIR-OIL has been specially developed for Atlas Copco BBC, BBD and RH pneumatic Rock Drills. The development has been driven by high demands on environment and reliability.

Rock Drill AIR-OIL is a semi synthetic lubricant that increases machine reliability and service life by superior protection against machine wear and corrosion.

Improved machine reliability and service life

- High film strength that withstands heavy loads and safely protects components such as piston, cylinder, chuck drive, riflebar and ratchet wheel against wear and corrosion.
- Adhesion and larger drop formation contribute to the very good lubricating properties.
- Superior temperature range compared to other mineral oils. Works throughout the temperature range - 25°C to + 108°C



Environmentally adapted

- Based on > 90% renewable raw materials
- Readily biodegradable according to OECD301. This means that the biodegradability is over 60% within 10 days

Rock Drill Oil	Part No.
Air-Oil Rock Drill 1L (1 Quart) Or (0.26 Gal)	8099 0201 01
Air-Oil Rock Drill 4L (1 Gallon)	8099 0201 04
Air-Oil Rock Drill 10L (2.5 Gallons)	8099 0201 10
Air-Oil Rock Drill 200L (53 Gallons)	8099 0201 28

Breaker and Hammer AIR-OIL

Lubricant for pneumatic Breakers and Hammers

A smooth continuous operation under extreme conditions is what the fully synthetic lubricant Breaker and Hammer AIR-OIL guaranties. It has been specially developed ATLAS COPCO TEX pneumatic breakers and hammers.

The oil is a fully synthetic lubricant with excellent lubricating, rust preventing and de-icing properties.

Breakers & Chipping Hammer Oil	Part No.
Air-Oil 5 Litre (1.3 Gallons)	8099 0202 02
Air-Oil 20 Litre (5 Gallons)	8099 0202 15
Air-Oil 200L (53 Gallons)	8099 0202 28
Air-Oil 1L (1 Quart)	8099 0202 36
Air-Oil 200ML (7 Ounces)	8099 0202 40

For more information about any tools or accessories listed in this catalog, please contact your area sales representative or call 800-732-6762



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