

# Construction Tools

Product range



RIGMOUNTED

BREAKERS

CUTTERS

COMPACTORS

PARTS AND  
SERVICES

PNEUMATICS

HYDRAULICS

PETROL

HANDHELD

PARTS AND  
SERVICES

*Atlas Copco*



## **Welcome to Atlas Copco Construction Tools**

Atlas Copco Construction Tools is a leading supplier of equipment for the construction and mining industry around the globe. Our products include rig-mounted hydraulic attachments and a complete range of pneumatic, hydraulic and petrol-driven handheld tools. They are designed to reduce your operating costs and help you achieve the highest possible productivity.

### **It makes sense to choose lowest lifecycle cost**

The total cost of owning equipment over its lifecycle is largely due to operating costs such as maintenance, spare parts and energy. Therefore it pays off to choose Atlas Copco products, particularly in economically difficult times. They offer low maintenance, high performance, long lifetimes and high resale value. This adds up to lower cost of ownership – even if the initial investment might be slightly higher.

### **Silent demolition tools – caution, they bite!**

Take a look at our expanded range of combi cutters, pulverizers and multi grapples – we offer solutions for virtually all demolition and recycling jobs. Thanks to their advanced designs these tools are flexible to use and easy to handle which helps to increase your productivity.



RIGMOUNTED

### **Ergonomic tool design at its best**

Our products aim to minimize the physical impact on the operator by designing tools that are powerful and comfortable to hold, with low noise, vibration and emission levels. For example, our TEX PE pneumatic hammers are equipped with the third generation of vibration-dampening handles, insulating the operator from a large proportion of the vibrations that would otherwise be transmitted to the hands.

### **Low maintenance costs, high availability**

Tailor-made maintenance kits, genuine working tools, accessories and warranty programs help to keep maintenance costs down.

### **Valuable support from a global partner**

Atlas Copco Construction Tools' global network consists of more than 60 customer centers and over 1,000 distributors around the globe – specialists, selected for their extensive knowledge and experience to provide you with professional advice, on-site training, assistance and service.

**If you're investing in construction tools,  
it pays off to choose Atlas Copco**

HANDHELD

BREAKERS

## Maintenance and Repair





## Construction and Demolition





## Open Pit and Quarry





# **Breaker features that make the difference**

## **Solid Body concept**

The Solid Body concept integrates the percussion mechanism and guide system into one single block of steel. This unique design makes the SB breakers extremely compact and easy to handle. The Solid Body concept is standard for all breakers in the SB range.

## **VibroSilenced system**

The VibroSilenced system is a highly effective arrangement of damping elements which acoustically insulates the percussion mechanism from the external guide system. Thanks to this concept, Atlas Copco breakers are among the quietest on the market. This has been proven by measurements based on Directive 2000/14/EC. Moreover, the VibroSilenced system helps to minimize the level of vibration to which the carrier and its operator are exposed.

## **DustProtector II**

The DustProtector II is a combination of several wipers, helping to reduce the penetration of rock dust and debris into the lower breaker section. Operations can be more sustainable, long-term and trouble-free, especially under very dusty working conditions. This unique, protective feature is available on Atlas Copco hydraulic breakers from MB 750 upwards and on all HB breakers. All breakers in the SB range are protected by a dust wiper.

## **ContiLube™ II**

The automatic lubrication system offers an optimal and cost-effective lubrication. It is a fixed component that is directly attached to the breaker, working autonomously and easily accessible without long hose connections. All connection ports are protected in the breaker housing. The filling level of the cartridge can always be monitored by the operator since its position on the breaker is within his field of vision.



### **AutoControl**

AutoControl helps to boost the performance of Atlas Copco breakers. The system automatically controls the breaker output to suit the working conditions and rock hardness, thereby creating a highly effective tool for users: maximum blow frequency for soft materials and maximum single-blow energy when things get tougher. Standard for breakers from MB 1000 upwards and all HB breakers.

### **StartSelect™**

The StartSelect system comprises two functions for start and stop which allow the start-up and shut-off behaviour of the breaker to be set in line with the actual working conditions: the AutoStart mode for jobs in unstable ground, the AutoStop mode for jobs on firm grounds. This allows the operator to work extremely efficient. StartSelect™ is standard from MB 1200 upwards and on all HB breakers.

### **PowerAdapt**

Since excessive oil pressure is extremely damaging for a hydraulic breaker, PowerAdapt helps to prevent overloads by switching off the attachment, thereby reducing down-times and repair costs. PowerAdapt is standard for all HB breakers. All breakers in the SB range are protected by an overload protection valve.

# SB hydraulic breakers

## 55-520 kg

### Applications:

- Road construction
- Smaller trenching and demolition jobs
- Building renovation
- Landscaping
- In quarries (feed size reduction on crusher)

### Features:

- Solid Body concept
- VibroSilenced system
- Dust protection
- Overload protection valve
- Double tool retainer bars
- Integrated maintenance free accumulator

### Read more about:

- Warranty extension 1+2 program, page 38
- Working tools, page 30
- Lubricants, page 34
- Maintenance kits, page 37
- Connection hoses, page 36

SB-hydraulic breakers		SB 52	SB 102
Carrier weight class <sup>1)</sup>	<i>t</i>	0,7-1,2	1,1-3,0
Service weight <sup>2)</sup>	<i>kg</i>	55	87
Length without tool	<i>mm</i>	444	571
Oil flow rate	<i>l/min</i>	12-27	16-42
Operating pressure	<i>bar</i>	100-150	100-150
Blow frequency	<i>bpm</i>	720-1680	720-2280
Working tool diameter	<i>mm</i>	40	45
Working length of tool	<i>mm</i>	255	250
Part number		8460 0300 10	8460 0300 30

<sup>1)</sup> Weights apply to standard carriers only. Any variances must be agreed with Atlas Copco and/or the carrier manufacturer prior to attachment.

<sup>2)</sup> Breaker and breaker box with standard adapter plus working tool.



<b>SB 152</b>	<b>SB 202</b>	<b>SB 302</b>	<b>SB 452</b>	<b>SB 552</b>
1,9-4,5	2,8-6,0	4,5-9,0	6,5-13	9,0-15,0
140	200	304	441	520
686	727	805	849	919
25-49	35-73	50-83	55-105	65-115
100-150	100-150	100-150	100-150	100-150
780-1920	840-1800	600-1380	540-1260	660-1140
50	65	80	95	100
250	300	420	465	475
8460 0300 40	8460 0300 50	8460 0300 60	8460 0300 70	8460 0300 80

# MB hydraulic breakers

## 750-1700 kg

### Applications:

- Demolition
- Foundation work
- Tunneling
- Trenching
- Secondary breaking in quarries

### Features:

- VibroSilenced system
- ContiLube™ II
- AutoControl (MB 1000 – MB 1700)
- AutoStart (MB 750, MB 1000)
- StartSelect™ (MB 1200 – MB 1700)
- DustProtector II (option)

### Read more about:

- Warranty extension 1+2 program, page 38
- Working tools, page 30
- Lubricants, page 34
- Maintenance kits, page 37
- Connection hoses, page 36

MB hydraulic breakers		MB 750
Carrier weight class <sup>1)</sup>	<i>t</i>	10-17
Service weight <sup>2)</sup>	<i>kg</i>	750
Oil flow rate	<i>l/min</i>	80-120
Operating pressure	<i>bar</i>	140-170
Blow frequency	<i>bpm</i>	370-840
Stroke-length switching		-
Start-up mode		AutoStart
Working tool diameter	<i>mm</i>	100
Working length of tool	<i>mm</i>	550
Part number		3363 1007 39
<b>Equipped with DustProtector</b>		
Working length of tool	<i>mm</i>	510
Part number		3363 1046 81

<sup>1)</sup> Weights apply to standard carriers only. Any variances must be agreed with Atlas Copco and/or the carrier manufacturer prior to attachment.

<sup>2)</sup> Breaker and breaker box with standard adapter plus working tool.



<b>MB 1000</b>	<b>MB 1200</b>	<b>MB 1500</b>	<b>MB 1700</b>
12-21	15-26	17-29	19-32
1000	1200	1500	1700
85-130	100-140	120-155	130-170
160-180	160-180	160-180	160-180
350-750	340-680	330-680	320-640
AutoControl	AutoControl	AutoControl	AutoControl
AutoStart	StartSelect	StartSelect	StartSelect
110	120	135	140
570	605	630	650
3363 0887 85	3363 0904 41	3363 0991 01	3363 0904 49
540	580	605	625
3363 0887 87	3363 0904 43	3363 0991 39	3363 0904 51

# HB hydraulic breakers

## 2000-10000 kg

### Applications:

- Primary breaking in quarries
- Secondary breaking in quarries
- Demolition
- Tunneling
- Trenching
- Foundation work

### Feature:

- VibroSilenced system
- AutoControl
- StartSelect™
- ContiLube™ II
- DustProtector II (option, standard for HB 10000)
- PowerAdapt

### Read more about:

- Warranty extension 1+2 program, page 38
- Working tools, page 30
- Lubricants, page 34
- Maintenance kits, page 37
- Connection hoses, page 36

AVAILABLE:  
BAUMA 2010

AVAILABLE:  
BAUMA 2010

HB hydraulic breakers		HB 2000	HB 2500	HB 3100
Carrier weight class <sup>1)</sup>	<i>t</i>	22-38	27-46	32-52
Service weight <sup>2)</sup>	<i>kg</i>	2000	2500	3100
Oil flow rate	<i>l/min</i>	150-190	170-220	210-270
Operating pressure	<i>bar</i>	160-180	160-180	160-180
Blow frequency	<i>bpm</i>	300-600	280-550	280-560
Stroke-length switching		AutoControl	AutoControl	AutoControl
Start-up mode		StartSelect	StartSelect	StartSelect
Overload protection device		PowerAdapt	PowerAdapt	PowerAdapt
Working tool diameter	<i>mm</i>	150	155	165
Working length of tool	<i>mm</i>	665	685	755
Part number		3363 1027 61	3363 0926 91	3363 1056 51
<b>Equipped with DustProtector</b>				
Working length of tool	<i>mm</i>	600	640	700
Part number		3363 1044 17	3363 0938 71	3363 1056 49

<sup>1)</sup> Weights apply to standard carriers only. Any variances must be agreed with Atlas Copco and/or the carrier manufacturer prior to attachment.

<sup>2)</sup> Breaker and breaker box with standard adapter plus working tool.



**AVAILABLE:**  
**BAUMA 2010**

HB 3600	HB 4700	HB 5800	HB 7000	HB 10000
35-63	45-80	58-100	70-120	85-140
3600	4700	5800	7000	10.000
240-300	260-340	310-390	360-450	450-530
160-180	160-180	160-180	160-180	160-180
280-560	280-520	280-460	280-450	250-380
AutoControl	AutoControl	AutoControl	AutoControl	Auto Control
StartSelect	StartSelect	StartSelect	StartSelect	StartSelect
PowerAdapt	PowerAdapt	PowerAdapt	PowerAdapt	PowerAdapt
170	185	200	210	240
770	860	865	935	-
3363 1003 01	3363 1027 51	3363 0904 73	3363 0904 81	-
725	805	810	885	880
3363 1007 79	3363 1044 61	3363 0904 75	3363 0904 83	-

## **Features that make the difference**

### **Extremely robust design**

Atlas Copco combi cutters and pulverizers are designed for hard and long-term use with high throughput performance and loads. They can absorb high forces and constant stresses.

### **Hydraulic rotation**

360° hydraulic drives for infinite rotation with overload protection are fitted as standard and provide excellent handling. CC 250, CC 550 equipped with mechanical rotation units.

### **High speed valves**

Powerful cylinders with speed valves offer high breaking forces with short cycle times, thus enabling rapid progress and high productivity.

### **Practical wear part concept**

All products are fitted with easy-to-replace wear parts which can be renewed on site using simple tools. This helps to minimize service and maintenance downtimes.

### **Two moving jaws concept**

Atlas Copco combi cutters are equipped with the proven system of two moving jaws, each powered by its own hydraulic cylinder. This offers constantly high breaking force over the entire breaking cycle.

### **CAPS™ (Coupling And Positioning System)**

Thanks to CAPS™, the two cutter jaws of Atlas Copco combi cutters (from CC 1700 upwards) can be fitted and removed as a modular unit. CAPS™ connects the jaws even after they have been removed and facilitates refitting through a special guide system. This makes it easy to replace the jaws quickly on site.



CUTTERS ETC

# SC scrap cutters

## Applications:

- Cutting metal structures (girders, sheets, cables, rods)
- Demolition work with mini-excavators or demolition robots inside buildings and in contaminated areas (chemical plants, atomic power plants)

## Features:

- High cutting force along entire blade length
- 360° hydraulic rotation
- Hydraulic rotary drive
- Short opening and closing times
- Solid, extremely resistant components
- Replaceable blades

## Read more about:

- Lubricants, page 34
- Maintenance kits, page 37



SC scrap cutters		SC 270	SC 600
Carrier weight class <sup>1) 2)</sup>	<i>t</i>	4-5	5,5-6,5
Carrier weight class <sup>1) 3)</sup>	<i>t</i>	2-3	3,5-4,5
Service weight <sup>4)</sup>	<i>kg</i>	385	645
Max. cutting force	<i>t</i>	102	138
Cutting force, jaw tip	<i>t</i>	36	46
Oil flow rate	<i>l/min</i>	60-100	90-120
Operating pressure	<i>bar</i>	250	300
Oil flow rate, rotation	<i>l/min</i>	max. 15	max. 20
Operating pressure, rotation	<i>bar</i>	100	100
Jaw opening	<i>mm</i>	185	245
Jaw depth	<i>mm</i>	160	240
Blade length	<i>mm</i>	160	240
Part number		8460 0100 10	3093 0400 62

<sup>1)</sup> Weights apply to standard carriers only. Any variances must be agreed with Atlas Copco and/or the carrier manufacturer prior to attachment.

<sup>2)</sup> Mounted on excavator stick

<sup>3)</sup> Mounted on excavator boom

<sup>4)</sup> With medium-sized adapter

## CC combi cutters

### Applications:

- Light demolition work, e.g. narrow, lightly reinforced concrete elements, masonry
- Particularly effective for stripping out and reconstructing interiors

### Features:

- Good performance-to-weight ratio
- 360° mechanical rotation unit
- Replaceable blades
- Optional pulverizing plates for CC 550

### Read more about:

- Lubricants, page 34
- Maintenance kits, page 37



CC combi cutters		CC 250	CC 550
Carrier weight class <sup>1)</sup>	<i>t</i>	2-4	5-14
Service weight <sup>2)</sup>	<i>kg</i>	240	530
Max. cutting force	<i>t</i>	66	141
Cutting force, jaw tip	<i>t</i>	-	-
Crushing force, jaw tip	<i>t</i>	18	34
Oil flow rate	<i>l/min</i>	30-50	50-90
Operating pressure	<i>bar</i>	200	250
Closing cycle <sup>3)</sup>	<i>sec</i>	2,9	3,8
Opening cycle <sup>3)</sup>	<i>sec</i>	2,2	2,3
Rotary drive		mech.	mech.
Max. oil flow rate, rotation	<i>l/min</i>	-	-
Operating pressure, rotation	<i>bar</i>	-	-
Jaw opening	<i>mm</i>	360	450
Jaw depth	<i>mm</i>	350	360
Blade length	<i>mm</i>	120	140
Overall height	<i>mm</i>	1110	1325
Part number		3093 0400 02	3093 0400 06
<b>Pulverizing pads</b>			
Part number		-	3093 0400 70

<sup>1)</sup> Weights apply to standard carriers only. Any variances must be agreed with Atlas Copco and/or the carrier manufacturer prior to attachment.

<sup>2)</sup> With medium-sized adapter

<sup>3)</sup> Max. oil volume

U = With universal jaws  
S = With steel cutting jaws

# CC combi cutters

## Applications:

- Cutting of masonry and reinforced concrete
- Reduction of steel and reinforcements

## Features:

- Short opening and closing times
- 360° rotation
- Tandem cylinders
- Replacable blades and teeth
- Exchangeable jaws
- Available with universal or steel cutting jaws
- CAPS Coupling And Positioning System

## Read more about:

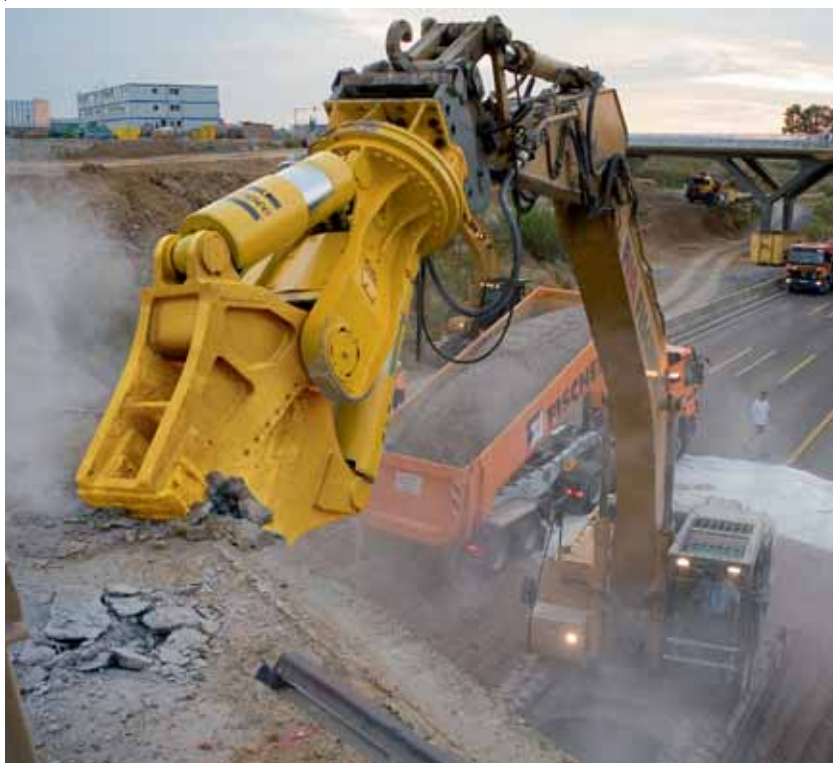
- Bolt cage, page 35
- Lubricants, page 34
- Maintenance kits, page 37

CC combi cutters		CC 1700 U	CC 1700 S	CC 2500 U
Carrier weight class <sup>1)</sup>	<i>t</i>	15-25	15-25	22-35
Service weight <sup>2)</sup>	<i>kg</i>	1680	1530	2640
Max. cutting force	<i>t</i>	200	200	300
Cutting force, jaw tip	<i>t</i>	-	80	-
Crushing force, jaw tip	<i>t</i>	60	-	91
Oil flow rate	<i>l/min</i>	150-250	150-250	150-250
Operating pressure	<i>bar</i>	350	350	350
Closing cycle <sup>3)</sup>	<i>sec</i>	1,6	1,6	2,8
Opening cycle <sup>3)</sup>	<i>sec</i>	1,7	1,7	3,0
Rotary drive		hydr.	hydr.	hydr.
Max. oil flow rate, rotation	<i>l/min</i>	max. 30	max. 30	max. 30
Operating pressure, rotation	<i>bar</i>	150-220	150-220	150-220
Jaw opening	<i>mm</i>	750	385	880
Jaw depth	<i>mm</i>	730	520	800
Blade length	<i>mm</i>	380	380	350
Overall height	<i>mm</i>	2050	1870	2250
Part number		3363 0935 41	3363 0935 51	3363 0937 51
<b>Pulverizing pads</b>				
Part number		-	-	-

<sup>1)</sup> Weights apply to standard carriers only. Any variances must be agreed with Atlas Copco and/or the carrier manufacturer prior to attachment.

<sup>2)</sup> With medium-sized adapter

<sup>3)</sup> Max. oil volume



CC 2500 S	CC 3300 U	CC 3300 S	CC 3300 B	CC 6000 U	CC 6000 S
22-35	30-50	30-50	38-55	58-75	58-80
2410	3480	3280	4800	6500	ca. 6000
300	400	400	-	650	650
133	-	141			205
-	109	-	145,2	180	
150-250	220-350	220-350	220-350	450-550	450-550
350	350	350	350	350	350
2,8	2,8	2,8	ca. 3	ca.4	ca. 4
3,0	3,0	3,0	ca. 3	ca.4	ca. 4
hydr.	hydr.	hydr.	hydr.	hydr.	hydr.
max. 30	max. 30	max. 30	max. 30	max. 30	max. 30
150-220	150-220	150-220	150-220	150-220	150-220
425	1010	440	600	1 400	750
545	765	700	644	1 200	ca. 1000
380	525	525	705	525	ca. 900
2075	2370	2310	2380	3100	2950
3363 0932 01	3363 0876 20	3363 0876 21	3363 1001 01	3363 0995 01	3363 0995 03
-	-	-			

U = With universal jaws  
 S = With steel cutting jaws  
 B = With box shape jaws

# DP demolition pulverizers

## Applications:

- Primary demolition of reinforced concrete structures
- Secondary reduction and separation

## Features:

- 360° hydraulic rotation
- Short opening and closing times
- Replaceable blades, teeth and tooth plates

## Read more about:

- Lubricants, page 34
- Maintenance kits, page 37



DP demolition pulverizers		DP 2000	DP 2800
Carrier weight class <sup>1)</sup>	<i>t</i>	18-27	25-35
Service weight <sup>2)</sup>	<i>kg</i>	2050	2850
Max. cutting force	<i>t</i>	265	320
Crushing force, jaw tip	<i>t</i>	85	100
Oil flow rate	<i>l/min</i>	150-250	250-350
Operating pressure	<i>bar</i>	350	350
Rotary drive		hydr.	hydr.
Oil flow rate, rotation	<i>l/min</i>	max. 30	max. 30
Operating pressure, rotation	<i>bar</i>	150-220	150-220
Jaw width	<i>mm</i>	460	480
Jaw opening	<i>mm</i>	780	965
Jaw depth	<i>mm</i>	810	930
Blade length	<i>mm</i>	190	350
Part number		3363 0974 01	3363 0925 01

<sup>1)</sup> Weights apply to standard carriers only. Any variances must be agreed with Atlas Copco and/or the carrier manufacturer prior to attachment.

<sup>2)</sup> With medium-sized adapter

## BP bulk pulverizers

### Applications:

- Secondary reduction and separation
- Secondary demolition of reinforced concrete structures
- Separation of concrete and rebar

### Features:

- Wide jaw
- Short opening and closing times
- 360° hydraulic rotation\*

### Read more about:

- Lubricants, page 34
- Maintenance kits, page 37



\*) Non-rotating versions are also available. Please contact your Atlas Copco sales representative for further information

BP bulk pulverizers		BP 2100	BP 2900
Carrier weight class <sup>1)</sup>	<i>t</i>	18-27	25-35
Service weight <sup>2)</sup>	<i>kg</i>	2145	2930
Max. cutting force	<i>t</i>	240	362
Crushing force, jaw tip	<i>t</i>	80	114
Oil flow rate	<i>l/min</i>	150-250	250-350
Operating pressure	<i>bar</i>	350	350
Rotary drive		hydr.	hydr.
Oil flow rate, rotation	<i>l/min</i>	35-50	35-50
Operating pressure, rotation	<i>bar</i>	150-220	150-220
Jaw width	<i>mm</i>	470	480
Jaw opening	<i>mm</i>	795	950
Jaw depth	<i>mm</i>	800	870
Blade length	<i>mm</i>	190	350
Part number		3363 0969 01	3363 0996 01

<sup>1)</sup> Weights apply to standard carriers only. Any variances must be agreed with Atlas Copco and/or the carrier manufacturer prior to attachment.

<sup>2)</sup> With medium-sized adapter

# MG multi grapples

## Applications:

- Demolition (masonry, wooden structures)
- Sorting and loading

## Features:

- 360° hydraulic rotation
- Grapple and wear parts made of carbon steel
- High grapple capacity
- Replaceable blades

## Read more about:

- Lubricants, page 34
- Maintenance kits, page 37

MG multi grapples		MG 100	MG 200
Carrier weight class <sup>1)</sup>	<i>t</i>	0,7-1	1-3
Service weight <sup>2)</sup>	<i>kg</i>	90	175
Max. closing force	<i>t</i>	0,1	1,5
Oil flow rate	<i>l/min</i>	20-40	20-40
Operating pressure	<i>bar</i>	300	300
Oil flow rate, rotation	<i>l/min</i>	max. 5	max. 10
Operating pressure, rotation	<i>bar</i>	150	150
Capacity	<i>l</i>	30	70
Jaw opening	<i>mm</i>	600	750
Grapple width	<i>mm</i>	300	450
Part number		3363 1036 50	3363 1036 51

MG multi grapples		MG 1000	MG 1500
Carrier weight class <sup>1)</sup>	<i>t</i>	12-20	17-28
Service weight <sup>2)</sup>	<i>kg</i>	925	1480
Max. closing force	<i>t</i>	4,7	7
Oil flow rate	<i>l/min</i>	85-120	120-170
Operating pressure	<i>bar</i>	350	350
Oil flow rate, rotation	<i>l/min</i>	max. 25	max. 30
Operating pressure, rotation	<i>bar</i>	210	210
Capacity	<i>l</i>	500	800
Jaw opening	<i>mm</i>	1950	2100
Grapple width	<i>mm</i>	800	1000
Part number		3363 0982 22	3363 0982 23

<sup>1)</sup> Weights apply to standard carriers only. Any variances must be agreed with Atlas Copco and/or the carrier manufacturer prior to attachment.

<sup>2)</sup> With medium-sized adapter, without extra blades



MG 300	MG 400	MG 500	MG 800
2-5	4-8	5-9	9-16
290	450	460	825
2,3	2,3	2,4	3,8
20-40	35-50	35-50	70-100
300	300	300	350
max. 10	max. 15	max. 12	max. 25
150	150	150	210
100	150	200	400
1100	1400	1500	1700
500	600	700	800
3363 1036 52	3363 1036 53	3363 0982 20	3363 0982 21

MG 1800	MG 2100	MG 2700	MG 5000
20-28	25-35	28-50	50-80
1780	2100	2710	5300
7	8,5	9,2	13
130-180	180-200	160-220	300-350
350	350	350	350
max. 35	30-35	max. 35	50-60
210	210	210	250
850	900	1000	1600
2100	2300	2200	3000
1200	1200	1200	1500
3363 0982 24	3363 1036 54	3363 0982 25	3363 1036 55

# HC hydraulic compactors

## Applications:

- Trench and soil compaction
- Driving sheeting and pilings
- Extracting

## Features:

- Plug and play – no special installation required
- Integrated input flow and pressure control to prevent overload
- Flat top mounting base for versatility
- Practically maintenance free thanks to PermanentLube, the permanent bearing lubrication device
- Removeable base plate (from HC 920 upwards)

## Read more about:

- Lubricants, page 34
- Connection hoses, page 36
- Maintenance kits, page 37

HC hydraulic compactors		HC 103	HC 308
Carrier weight class <sup>1)</sup>	<i>t</i>	1-3	3-8
Service weight	<i>kg</i>	160	320
Oil flow rate	<i>l/min</i>	30	57
Operating pressure	<i>bar</i>	150	150
Vibrating force	<i>t</i>	1,4	2,3
Vibrating frequency	<i>n/min</i>	2100	2100
Baseplate size (WxL)	<i>mm</i>	346x678	475x693
Plate coverage	<i>m<sup>2</sup></i>	0,19	0,25
Height	<i>mm</i>	486	623
Part number		1826 1016 34	1826 1016 35

<sup>1)</sup> Weights apply to standard carriers only. Any variances must be agreed with Atlas Copco and/or the carrier manufacturer prior to attachment.



HC 409	HC 920	HC 2040	HC 2041
4-9	9-20	20-40	20-40
430	880	1050	1055
76	114	151	189
150	150	150	150
3,6	7,3	10,5	11,4
2200	2200	2200	2200
610x929	710x1178	864x1136	864x1136
0,42	0,63	0,74	0,74
622	764	786	786
1826 1016 36	1826 1016 37	1826 1016 38	1826 1016 39

## Tool tips for every job

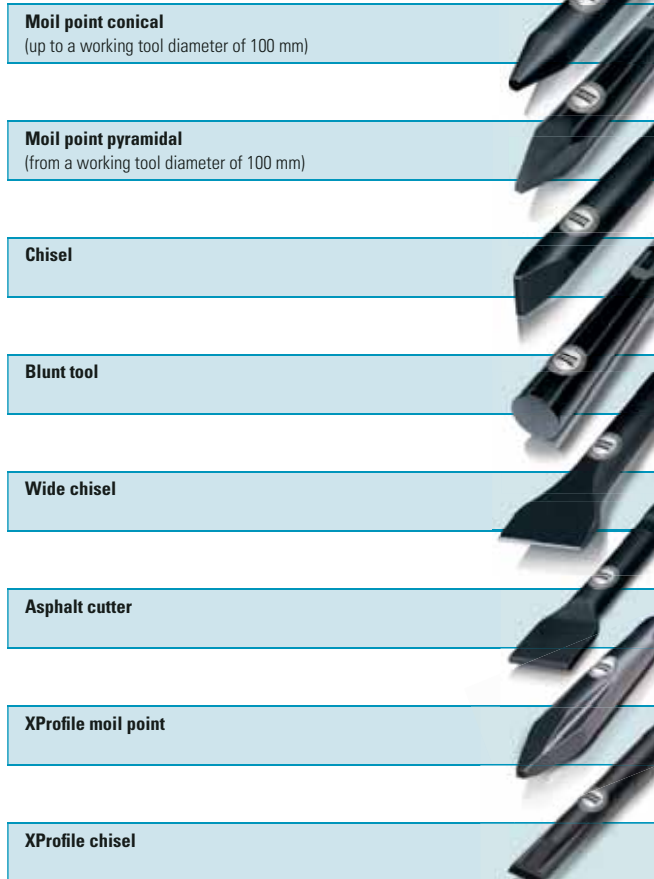
Today's hydraulic breakers offer a significantly improved ratio of percussive performance to weight, which in turn imposes far greater loads on all breaker components. The dimensions, material properties and tip geometries of working tools have a major impact on reliability, wear behaviour, performance and productivity.

To use an Atlas Copco hydraulic breaker in the most efficient way, choosing the right working tool for an application is crucial.

### Tool applications

Material	Use	Specifications	Tool
Asphalt	Road surfaces, transport routes	Soft structures	Chisel (Standard), Chisel (XProfile), Asphalt Cutter, Wide chisel
Concrete	Thin floors, walls	reinforced	Chisel (Standard), Chisel (XProfile)
		non-reinforced	Moil point (Standard), Moil point (XProfile)
	Thick floors, walls	reinforced	Chisel (Standard), Chisel (XProfile)
		non-reinforced	Moil point (Standard), Moil point (XProfile)
	Foundations	reinforced	Chisel (Standard), Chisel (XProfile)
		non-reinforced	Moil point (Standard), Moil point (XProfile)
Recycling	–	Blunt tool	
Sedimentary rock ( <i>limestone, sandstone, graywacke, calcareous sediment</i> )	Trenching, foundation work, primary quarry breaking	heavily fissured	Chisel
		lightly fissured	Blunt tool
		monolithic	Blunt tool
Breaking oversizes	–	Blunt tool	
Crystalline rock ( <i>magma, greenstone, gabbro, granite etc.</i> )	Trenching foundation work, primary quarry breaking	heavily fissured	Chisel
		lightly fissured	Blunt tool
		monolithic	Blunt tool
	Breaking oversizes	–	Blunt tool

## Tool tips



PARTS AND  
SERVICES



## **ClassicLine working tools: the tools for every application**

The range of ClassicLine working tools offers a good ratio of percussive performance to weight.

ClassicLine working tools are made of a special alloy that has been optimized for hydraulic breaker applications. A complex heat treatment process and strict quality control result in maximum durability of all working tools.

Working tools of the Atlas Copco ClassicLine are the standard choice for most kinds of applications.

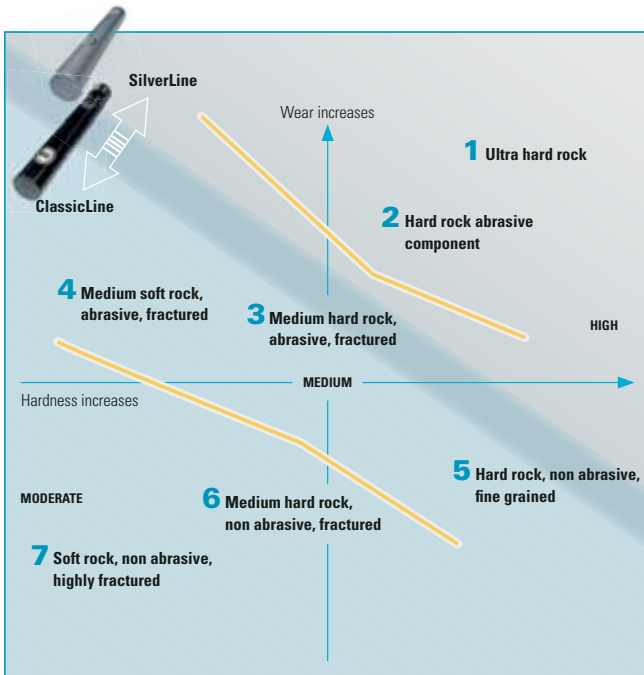
## **SilverLine working tools: advantage through superior performance**

Designed for use under toughest conditions, a special combination of materials helps to provide maximum resistance to external forces. A specially hardened jacket offers increased resistance to wear. It comes into its own particularly for abrasive materials and helps to achieve a significantly higher service life for this precision component.

SilverLine working tools add value by offering a high grade of reliability in continuous working applications. They offer increased wear resistance and longer lifecycle compared to standard working tools. SilverLine working tools show their inherent qualities particularly when used on hard and abrasive types of rock, such like Basalt, Gabbro, Gneiss, Granite, Quarze or Sandstone.



# Type of application and load-factor



<b>High</b>	<b>1</b>	<b>2</b>	
	Abrasive sandstone, abrasive quartzite, rock with pyrite, banded hematite	Hard limestone, dolomitic limestone, metamorphic schist, gneiss, granite, basalt, diorite, gabbro, porphyry, rhyolite	
<b>Medium</b>	<b>3</b>	<b>4</b>	<b>5</b>
	Medium hard sandstone, siltstone, alluvial deposits, calcitic limestone, hard shale, medium hard limestone	Limestone and dolomite, weathered granite and gneiss	Hard siliceous limestone, hard schist, dolomites, marble, syenite, andesite diabase, pegmatite, hematite, magnetite
<b>Moderate</b>	<b>6</b>	<b>7</b>	
	Soft sandstone, sandy shale, shale, clay stone, sandy limestone, soft schist	Clay, soft shale, chalk, Soft limestone, gypsum, volcanic tuff	

PARTS AND SERVICES

# Lubricants

Atlas Copco lubricants offer many benefits which help to extend the lifespan and enhance the economy of your equipment - improving the availability of attachments, sparing wear bushes and bearings. A regular use of lubricants helps to cut down maintenance, repair costs and downtimes of attachments and carriers. Using chisel paste in combination with ContiLube™ II can save lubricant and thus preserves the environment.

## Features:

- Reduce the risk of scoring and abrasion
- Reliable protection against wear and corrosion

## Benefits:

- Reduced maintenance costs
- Optimized machine lifetime

## Chisel paste

For hydraulic breakers

Size	Part number
12 x 400 g	3363 0949 13
12 x 500 g*	3363 0912 00
15 kg	3362 2639 00
45 kg	3362 2632 75

\* for use with ContiLube™ II



## High Performance Grease

For hydraulic cutters, pulverizers and grapples

Size	Part number
12 x 400 g	3363 0949 14



## Cobra & Compactor IMPACT-OIL

For hydraulic compactors

Size	Part number
1 l	9234 0012 03
20 x 1 l	9234 0014 05



## Service boxes for hydraulic breakers

The use of a service box is indispensable if you want to operate your Atlas Copco hydraulic breaker in a profitable manner. All tools contained in the box offers a quick and safe fitting and replacement of working tools and a regular inspection of the gas piston accumulator.



PARTS AND SERVICES

Description	Remarks	Part number
Service box No. I	with nitrogen cylinder 2 l	3363 0898 44
Service box No. II	with nitrogen cylinder 5 l	3363 0898 45
Service box No. III	without nitrogen cylinder	3363 0949 40

## Bolt cage

The bolt cage allows cutter jaws to be replaced rapidly. It simplifies handling on site and shortens change-over times.

CC combi cutters	Part number
CC 1700 U / CC 1700 S	3363 0946 47
CC 2500 U / CC 2500 S	3363 0945 42
CC 3300 U / CC 3300 S	3363 0946 48

## Connection hoses



Atlas Copco hoses are designed to withstand the strains of demolition work and are available in standard and special lengths. A spiral steel wire helps to protect the hose against damage caused by the cut material. Special screw couplings allow the hoses to be attached to most industrial carriers.

## Accessories for posthole borers

### Augers and extension rod

Description	Size	Length	Part number
	<i>Ø mm</i>	<i>mm</i>	
Auger	90	870	3378 0050 45
Auger	150	870	3378 0050 46
Auger	200	870	3378 0050 44
Auger	250	870	3378 0050 47
Auger	280	870	3378 0050 49
Auger	350	870	3378 0050 48
Extension rod		500	3378 0050 55



### Oil flow divider



Type	Max. oil flow rate	Regulated oil flow rate	EHTMA class	Part number
	<i>l/min</i>	<i>l/min</i>		
LFD 20	60	20-25	C	1801 1632 29
LFD 30	120	25-38	D	1801 1642 32

## Maintenance kits



- Include all parts needed to carry out the service in accordance with factory specifications.
- Contain all crucial wear parts needed for a proactive replacement and preventive maintenance.
- Come with a detailed list of contents and an exploded view to simplify identifications.
- The price is most competitive compared to purchasing single items.
- Only one part number to simplify order handling and logistics.
- All parts arrive in a solid box offering a proper protection during transport and ease of handling.

Please contact your Atlas Copco sales representative to select the right kit for your maintenance job.

# Atlas Copco 1+2 program: Extended warranty for hydraulic breakers

For hydraulic breakers, two years additional warranty are provided free of charge. The prerequisite for a warranty extension is that you register your breaker on the internet within 4 weeks of initial start-up. The warranty period begins on the date of purchase.

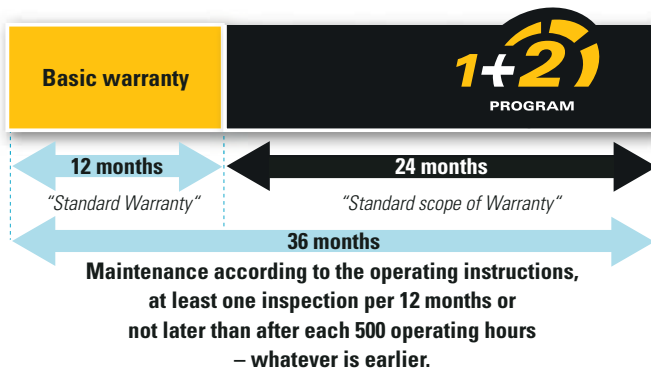
## Features:

- Three years warranty period
- Unlimited operating hours
- Extension period covers the warranty risk
- Covers main components, including the piston

## Benefits:

- Protected investment and peace of mind – free of charge
- Time to focus on your business
- Improved breaker availability
- Higher resale value

Register at [www.1plus2program.com](http://www.1plus2program.com)





### The Atlas Copco 1+2 program

#### What it covers:

all defects in materials and workmanship of the two respectively four components, effecting performance of this product:

#### SB breakers

- Solid body
- Piston

#### MB and HB breakers

- Cylinder cover
- Cylinder
- Piston
- Lower hammer part

#### What it does not cover:

Components that are subject to natural wear and tear caused by use in accordance with operating instructions, improper use, abnormal environmental conditions, inappropriate operating conditions, overload or insufficient servicing or maintenance.

**Please see the full warranty conditions, maintenance requirements and potential warranty exclusions under [www.1plus2program.com](http://www.1plus2program.com).**

## Features that make the difference

### **Solid Body concept**

The one-piece machine body means fewer parts for greater reliability. The concept also gives a low centre of gravity and thus a good balance of the breaker.

### **HAPS™ system**

By reducing the in-use vibration value of the machine, Atlas Copco's HAPS™ system helps to decrease the negative effects of harmful vibration at a given trigger time.

### **Highly efficient silencer**

The wear-resistant polyurethane silencer cuts the noise emission by up to 75% (as compared to the same machine without noise reduction, ISO 3744).

### **SOFSTART™ trigger**

The two-step trigger gives the operator full control when starting a cut – even under difficult conditions. Available with selected tools only.

### **Air cushioned piston**

To reduce vibration and wear, the piston turns on air-cushions at either end of the cylinder. When working off-load, this practically eliminates metal-to-metal contact.

### **Rotating air inlet swivel**

Easy handling of the tool, even when pressurized. Available on most breakers.

### **Integrated lubricator**

Helps to minimize tool wear and is excellent for cold conditions, when it can be used for anti-freeze, such as Atlas Copco Hammer and Breaker AIR-OIL. It holds enough lubricant for an entire shift. Available with selected breakers only.



PNEUMATICS

# Pneumatic vibro-reduced hammers TEX 05-TEX 12

## 6,3-12 kg

### Applications depending on weight class:

- Light duty chipping and scaling work
- Restoration and conversion work
- Demolition
- Kiln stripping

### Features:

- Full canopy vibro-reduction (TEX 05, 09 and 12)
- Noise-reduction
- SOFSTART™ two-step trigger
- HAPST™ Hand and Arm Protection System
- Air cushioned piston (TEX 05, 09 and 12)
- Easy handling and positioning

### Read more about:

- Working tools, page 76
- Accessories, page 78 ff
- Breaker and Hammer AIR-OIL, page 82

Pneumatic vibro-reduced hammers		TEX 07PE	TEX 07PE FSH <sup>2)</sup>
Weight	kg	8,7	9,0
Length	mm	525	525
Air consumption	l/s	17	17
Impact rate	bpm	1770	1770
Tool retainer		cap	cap
Shank size Hex	mm	19x50	19x50
Part number (Hex shank)		8461 0209 20	8461 0209 21
Shank size round shank	mm	-	-
Part number (round shank)		-	-

Data at 6 bar (90 psi) air pressure

<sup>1)</sup>Claw couplings not included in delivery of TEX 05, 09 and 12.

<sup>2)</sup>Front side handle included

PE: silenced, vibro-reduced

PER: silenced, vibro-reduced, round shank

FSH: Front side handle



TEX 05PE <sup>1)</sup>	TEX 09PE/PER <sup>1)2)</sup>	TEX 12PE/PER <sup>1)2)</sup>
6,3	10,5	12
450	560	590
10	17	20
2640	1800	1620
cap	latch	latch
19x50	22x82,5	22x82,5
8461 0219 10	8461 0211 35	8461 0211 38
-	25x75	25x75
-	8461 0211 36	8461 0211 39

Suitable couplings:

TEX 05PE	Atlas Copco Standard	9000 0305 00
TEX 09 and 12	Atlas Copco Standard	9000 0306 00
	Atlas Copco Standard with strainer	9000 0306 01
	US standard	9001 0005 06

# Pneumatic standard hammers

## TEX 3-TEX 12

### 3,7-12,3 kg

#### Applications depending on weight class:

- Light-duty chipping and scaling work
- Restoration and conversion work
- Demolition

#### Features:

- SOFSTART™ two-step trigger (selected models)
- Noise-reduction
- Air cushioned piston

#### Read more about:

- Working tools, page 76
- Accessories, page 78 ff
- Breaker and Hammer AIR-OIL, page 82

Pneumatic standard hammers		TEX 3 <sup>2)</sup>	TEX 05P <sup>1) 2)</sup>
Weight	kg	3,7	5,5
Length	mm	310	380
Air consumption	l/s	6,9	9,5
Impact rate	bpm	4080	2760
Tool retainer		cap	cap
Shank size Hex	mm	19x50	19x50
Part number (Hex shank)		8461 0208 53	8461 0219 00
Shank size round shank	mm	-	17,3x60
Part number (round shank)		-	8461 0219 03

Data at 6 bar (90 psi) air pressure

<sup>1)</sup> Also available with combined shank round/hex 14,8/17,3x60 (Part number 8461 0219 01)

<sup>2)</sup> Also available in carrying case as complete set (with hexagonal shank)

KL: kick latch

PS: silenced

PSR: round shank



TEX 09		TEX 10		TEX 12	
PS/PSR	PS KL	PS/PSR	PS KL	PS/PSR	PS KL/PSR KL
10,1/10,2	11,9	10,2	10,7	10,6	12,3
500	500	520	500	550	545
18,5	18,5	17	17	21,3	21,3
1800	1800	1350	1350	1600	1600
cap	kick-latch	cap	kick-latch	cap	kick-latch
22x82,5	22x82,5	22x82,5	22x82,5	22x82,5	22x82,5
8462 0211 02	8461 0211 05	8461 0211 30	8461 0211 32	8461 0211 13	8461 0211 12
25x75	-	25x75	-	25x75	25x75
8461 0211 04	-	8461 0211 31	-	8461 0211 14	8461 0211 15

Claw couplings not included in delivery

Suitable couplings:

TEX 09, 10 and 12

Atlas Copco Standard

Atlas Copco Standard with strainer

US Standard (not for TEX 10)

9000 0306 00

9000 0306 01

9001 0005 06

# Pneumatic breakers

## TEX 140-TEX 280

### 15-31 kg

#### Applications:

- Light and medium sized breakers for service jobs and general demolition in soft and medium hard materials

#### Features:

- Solid Body concept
- Noise-reduction
- HAPST<sup>™</sup> Hand and Arm Protection System (PE series)
- SOFSTART<sup>™</sup> two-step trigger
- Rotating air inlet swivel
- Integrated lubricator
- Air cushioned piston

#### Read more about:

- Working tools, page 76
- Accessories, page 78 ff
- Breaker and Hammer AIR-OIL, page 82

Pneumatic breakers		TEX 140PS		TEX 150PE		TEX 180PS	
Vibro-reduced		NO	NO	YES	YES	NO	NO
Weight	<i>kg</i>	15,5	15,5	19	19	19	19,5
Length	<i>mm</i>	590	590	590	590	595	645
Air consumption	<i>l/s</i>	25	25	25	25	26	26
Impact rate	<i>bpm</i>	1530	1530	1530	1530	1500	1500
Shank size	<i>Hex mm</i>	22x82,5	25x108	22x82,5	25x108	25x108	28x160

Available shank sizes <sup>1)</sup>		22x82,5	25x108
TEX 140PS	Part number	8461 0223 30	8461 0223 32
TEX 150PE	Part number	8461 0223 31	8461 0223 33
TEX 180PS	Part number	–	8461 0224 30
TEX 190PE	Part number	–	8461 0224 31
TEX 220PS	Part number	–	8461 0225 30
TEX 230PE	Part number	–	8461 0225 31
TEX 270PS	Part number	–	–
TEX 280PE	Part number	–	–

Data at 6 bar (90 psi) air pressure

<sup>1)</sup> Hex shank (mm)



TEX 190PE		TEX 220PS			TEX 230PE			TEX 270PS		TEX 280PE	
YES	YES	NO	NO	NO	YES	YES	YES	NO	NO	YES	YES
22,5	23	22	23,5	23,5	25,5	27	27	28	28	31,5	31,5
595	645	625	670	670	625	670	670	690	690	690	690
26	26	30	30	30	30	30	30	32	32	32	32
1500	1500	1320	1320	1320	1320	1320	1320	1230	1230	1230	1230
25x108	28x160	25x108	28x160	32x160	25x108	28x160	32x160	28x160	32x160	28x160	32x160

25x108 US	28x160	32x160
8461 0223 34	-	-
8461 0223 35	-	-
8461 0224 34	8461 0224 32	-
8461 0224 35	8461 0224 33	-
-	8461 0225 32	8461 0225 33
-	8461 0225 34	8461 0225 35
-	8461 0226 30	8461 0226 31
-	8461 0226 32	8461 0226 33

Claw couplings not included in delivery

Suitable couplings:

Atlas Copco Standard 9000 0306 00

Atlas Copco Standard with strainer 9000 0306 01

US Standard 9001 0005 06

# Pneumatic breakers

## TEX 20-TEX 21

### 20-21 kg

#### Applications:

- Medium sized breakers for service jobs and general demolition in medium hard materials like asphalt and concrete

#### Features:

- Noise-reduction
- HAPST™ Hand and Arm Protection System (PE series)
- Air cushioned piston
- Hard hitting in relation to their weight due to extra long piston stroke

#### Read more about:

- Working tools, page 76
- Accessories, page 78 ff
- Breaker and Hammer AIR-OIL, page 82



Pneumatic breakers		TEX 20PS	TEX 20PS-1	TEX 21PE	TEX 21PE-1
Vibro-reduced		NO	NO	YES	YES
Weight	<i>kg</i>	20	20	21	21
Length	<i>mm</i>	635	600	650	615
Air consumption	<i>l/s</i>	27	27	27	27
Impact rate	<i>bpm</i>	1140	1140	1140	1140
Shank size	<i>mm</i>	Hex 25x108	R 25x75 w. square collar	Hex 25x108	R 25x75 w. square collar
Part number		8461 0224 20	8461 0224 21	8461 0224 22	8461 0224 23

Data at 6 bar (90 psi) air pressure  
Claw couplings not included in delivery

Suitable couplings:

Atlas Copco Standard 9000 0306 00

Atlas Copco Standard with strainer 9000 0306 01

# Pneumatic breakers

## TEX P60-TEX P90

### 33-43 kg

#### Applications:

- Heavy-duty breakers for use in medium and hard materials such as asphalt and concrete
- TEX P60: asphalt and other medium hard materials
- TEX P90: hard/reinforced concrete

#### Features:

- Solid Body concept
- Noise-reduction
- SOFSTART™ two-step trigger
- Rotating air inlet swivel
- Integrated lubricator
- Air cushioned piston

#### Read more about:

- Working tools, page 76
- Accessories, page 78 ff
- Breaker and Hammer AIR-OIL, page 82



PNEUMATICS

Pneumatic breakers		TEX P60S		TEX P90S	
Weight	<i>kg</i>	33	33	43	43
Length	<i>mm</i>	690	690	710	710
Air consumption	<i>l/s</i>	36	36	40	40
Impact rate	<i>bpm</i>	1500	1500	1260	1260
Shank size	<i>Hex mm</i>	28x160	32x160	28x160	32x160
Part number		8461 0227 22	8461 0227 23	8461 0228 22	8461 0228 23

Data at 6 bar (90 psi) air pressure  
 Unsilenced models available on request in some markets  
 Claw couplings not included in delivery  
 Suitable couplings:  
 Atlas Copco Standard 9000 0306 00  
 Atlas Copco Standard with strainer 9000 0306 01  
 US Standard 9001 0005 06

# Pneumatic breakers

## TEX 32-TEX 40

### 34-42 kg

#### Applications:

- Heavy-duty demolition breakers for use in medium and hard materials such as asphalt and reinforced concrete

#### Features:

- Noise-reduction
- HAPST™ Hand and Arm Protection System (PE series)
- Rotating air inlet swivel
- Integrated lubricator
- Air cushioned piston

#### Read more about:

- Working tools, page 76
- Accessories, page 78 ff
- Breaker and Hammer AIR-OIL, page 82

Pneumatic breakers		TEX 32PS	
Vibro-reduced		NO	NO
Weight	<i>kg</i>	34	34
Length	<i>mm</i>	745	745
Air consumption	<i>l/s</i>	34	34
Impact rate	<i>bpm</i>	1200	1200
Shank size	<i>Hex mm</i>	28x160	32x160
Part number		8461 0227 03	8461 0227 05

Data at 6 bar (90 psi) air pressure  
 Unsilenced models TEX 32P and TEX 39P available on request



TEX 33PE		TEX 39PS		TEX 40PE	
YES	YES	NO	NO	YES	YES
37	37	39	39	42	42
745	745	750	750	750	750
34	34	40	40	40	40
1200	1200	1110	1110	1110	1110
28x160	32x160	28x160	32x160	28x160	32x160
8461 0227 01	8461 0227 00	8461 0228 03	8461 0228 01	8461 0228 05	8461 0228 04

Claw couplings not included in delivery

Suitable couplings:

Atlas Copco Standard	9000 0306 00
Atlas Copco Standard with strainer	9000 0306 01
US Standard	9001 0005 06

# Pneumatic pumps

## Applications DIP:

Centrifugal pumps designed for clean, low-viscosity liquids such as water, cooling fluids, solvents, light oil or petrol

## Applications DOP:

Diaphragm pump designed for construction, mining and industrial applications or process industry

- Polluted media
- Viscous media
- Highly abrasive or inflammable fluids

## Features:

- Robust
- Cannot be damaged by overloading
- Suitable in all kinds of environments



Pneumatic pumps		DIP 25	DIP 35	DIP 65	DOP 15N	DOP 15F
Max. head	<i>m</i>	25	35	59	59	59
Max. flow	<i>l/s</i>	28	22	11	7	7
Max. air requirement	<i>l/s</i>	70	70	70	34	34
Weight	<i>kg</i>	23	23	23	31	31
Fluid outlet	<i>in</i>	G 2 1/2	G 2 1/2	G 2 1/2	G 2 1/2	G 2 1/2
Air inlet	<i>in</i>	G 3/4	G 3/4	G 3/4	G 3/4	G 3/4
Air outlet	<i>in</i>	G 1 1/2	G 1 1/2	G 1 1/2		
Part number		8492 0103 20	8492 0103 38	8492 0106 19	8492 0101 48	8492 0101 63

Data at 6 bar (90 psi) air pressure.  
 US versions and pumping kits also available.  
 15N: for construction industry  
 15F: for process industry

# Pneumatic combi drills/hammers

## Applications:

- Plug hole drilling 8-38 mm diameter
- Wedge hole drilling
- Chipping and scaling
- Renovation and rebuilding
- Underwater work

## Features:

- Built-in air flushing
- Noise-reduction
- Switching between drilling/chipping by change of working tool
- Built-in lubricator

## Read more about:

- Working tools, page 76
- Breaker & Hammer AIR-OIL, page 82



DKR 36 Kit

Pneumatic combi drills/hammers		DKR 36 <sup>3)</sup>	DKR 36R
Weight	kg	4,2	4,2
Length	mm	375	375
Air consumption	l/s	10	10
Impact rate	bpm	2820	2820
Revolutions	rpm	250	250
Penetration rate	mm/min	180 <sup>1)</sup> / 160 <sup>2)</sup>	180 <sup>1)</sup> / 160 <sup>2)</sup>
Hose connection	mm	19	19
Shank size	mm	R19xH14,7x89	R19x95
Part number		8463 0103 60	8463 0103 50

Data at 6 bar (90 psi) air pressure.

<sup>1)</sup> 19 mm drill in granite

<sup>2)</sup> 19 mm drill in concrete

<sup>3)</sup> Also available in carrying case as complete set (8463 0103 61)

# Pneumatic rock drills

## Applications, depending on weight class:

- Drill up to 6 m depth
- Blast hole and secondary drilling
- Wedge hole drilling
- Production drilling in quarry/dimension stone industry

## Features:

- Silenced versions (S)
- Vibro-reduced versions (E, ET)
- Built-in air flushing

## Read more about:

- Working tools, page 76
- Accessories, page 78 ff
- Rock Drill AIR-OIL, page 82

Pneumatic rock drills		BBD 12D	BBD 12DS
Weight	kg	9,8	10,7
Length	mm	565	565
Air consumption	l/s	24	22
Impact rate	bpm	2580	2580
Revolutions	rpm	220	220
Penetration rate	mm/min	250 <sup>1)</sup>	230 <sup>1)</sup>
Hose connection	mm	13	13
Shank size	mm	19x108	19x108
Part number		8311 0102 47	8311 0102 80

Pneumatic rock drills		BBD 15E		BBD 15ET	
Weight	kg	15,5	15,5	15,6	15,6
Length	mm	575	575	575	575
Air consumption	l/s	22	22	22	22
Impact rate	bpm	2520	2520	2520	2520
Revolutions	rpm	220	220	220	220
Penetration rate	mm/min	220 <sup>1)</sup>	220 <sup>1)</sup>	220 <sup>1)</sup>	220 <sup>1)</sup>
Hose connection	mm	19	19	16	16
Shank size	mm	19x108	22x108	19x108	22x108
Part number		8311 0104 02	8311 0104 10	8311 0104 12	8311 0104 13

Data at 6 bar (90 psi) air pressure

<sup>1)</sup> In granite, drilling with 28 mm at 6 bar

<sup>2)</sup> In granite, drilling with 32 mm at 6 bar



BBD 12DCS	BBD 12T-01	BBD 12TS-01
10.5	11,1	12,1
560	505	505
22	24	22
2580	2580	2520
220	220	220
230 <sup>1)</sup>	150 <sup>2)</sup>	150 <sup>2)</sup>
13	19	19
19x108	22x108	22x108
8311 0101 63	8311 0102 95	8311 0102 98

RH 571-5L	RH 571-5LS	RH 572E	RH 658L	RH 658LS
17,8	18,9	22,8	24	25
510	510	583	565	565
39	39	37	58	58
2100	1980	2040	2040	2040
190	190	170	215	215
295	275	260	425	410
19	19	19	19	19
22x108	22x108	22x108	22x108	22x108
8311 0301 29	8311 0301 37	8311 0301 78	8311 0302 86	8311 0302 87

D = D-handle  
T = T-handle

E = vibro-reduced handles  
ET = vibro-reduced handles, trigger start

C = cap  
S = silenced

# Pneumatic rock drills, stopers and pusher legs

## Applications:

- Production drilling
- Mining and construction
- Raise driving and bolting
- Dimension stone industry

## Features:

- Silenced versions
- Built-in water flushing
- ATEX certification (BBC 34WS, BMK 91RS)
- High-quality rock drills designed for production drilling

Rock drills		RH 656W	BBC 16W	BBC 16WS silenced	BBC 34W
Weight	kg	22	26	27	31
Length	mm	630	710	710	775
Air consumption	l/s	48	69	69	88
Impact rate	bpm	2040	2340	2340	2280
Piston bore	mm	65	70	70	80
Stroke length	mm	60	55	55	70
Part number		8311 0303 45	8311 0401 10	8311 0303 46	8311 0408 05

Stopers		BBD 46WS-6	BBD 46WS-8	BBD 46WR-6
Length retracted	mm	1435	1650	1435
Length extracted	mm	2205	2620	2205
Weight	kg	39	40	39
Air consumption	l/s	75	75	75
Impact rate	bpm	3060	2940	2940
Piston bore	mm	75	75	75
Stroke length	mm	45	45	45
Part number		8311 0202 03	8311 0202 11	8311 0202 29

Pusher legs		BMT 51	ALF 71	ALF 71-1	BMK 72D
Telescope type		single	single	single	single
Suitable for		BBC 16W, 34W	BBC 16W, 34W	BBC 16W, 34W	BBD 94W
Length retracted	mm	1658	1805	1455	1970
Length extracted	mm	2958	3105	2405	3270
Weight	kg	15	14	13	19
Piston bore	mm	60	70	70	70
Part number		8321 0301 01	8321 0201 94	8321 0201 95	8321 0201 80

Data at 6 bar (90 psi) air pressure  
R=right rotation



				Rig mounted rock drills	
BBC 34WS silenced	BBD 94W	BBD 94WS ATEX	BBD 94WE silenced	BBD 94-DSI	BBC 34-DSI
32	27	31	28,5	26	31
775	670	670	670	670	775
88	97	97	97	97	88
2280	3300	3300	3300	3300	2280
80	90	90	90	90	80
70	45	45	45	45	70
8311 0303 47	8311 0206 09	8311 0206 12	8311 0303 44	8311 0206 10	8311 0408 06

BBD 46WR-8	BBC 34WS-6	BBC 34WS-8
1650	770	970
2620	1610	1810
40	43,5	45
75	125	125
2940	2220	2220
75	80	80
45	70	70
8311 0202 37	8311 0104 03	8311 0104 04

BMK 72D-1	BMK 62S	BMK 91RS	ALF 67/80	ALF 67/80D
single	single	single	double	double
BBD 94W	RH 656W	BBD 94WS	BBC 16W, 343W	BBD 94
1830	1815	1730	1495	1595
3030	3115	3030	3350	3450
16	17	24	17	19
70	53	67	67/80	67/80
8321 0201 81	8321 0102 02	8321 0104 27	8321 0201 85	8321 0201 69

Get more information about Cost-Per-Meter contracts for large fleet owners. Please contact your Atlas Copco sales representative for further information.

## **Good reasons to use hydraulics**

### **Small and light**

Construction and rental companies around the world are discovering the advantages of using hydraulics. They know that hydraulic equipment offers the best power-to-weight ratio of any system. And they appreciate that a hydraulic power pack is so small and light that two people can lift one up and fit it in the back of a van.

### **A real cost advantage**

Smaller construction and rental companies have been quick to understand the very real cost advantage of hydraulics. For the price of one compressor/breaker combination, you can buy two complete hydraulic power pack/breaker sets. In fact, you might not need a power pack at all: with the help of an oil flow divider and an extension hose, you can hook hydraulic tools directly to a hydraulic-powered carrier. Hydraulic power packs are a flexible power source: use them to power cut-off saws, core drills, submersible pumps and many other tools. You can use hydraulic tools anywhere, independent of electric or pneumatic supply. With no exhaust, you can put them to work indoors and out. And they can be used whether it's hot or cold, dusty or wet or even underwater.

### **Easy to own**

There's not much that can go wrong with an Atlas Copco hydraulic tool. With just two moving parts, lubricated continuously by the hydraulic oil, there's minimal wear and very few parts to replace. Hydraulics are by nature reliable: Working in a closed loop, dirt and moisture are kept out. And with the no-spill, flat-face couplings, it's easy to keep the system clean and to ensure correct connection.



# Hydraulic power packs

## Features:

- Portable, compact and light weight
- High efficiency, low noise and low fuel consumption thanks to Power On Demand function
- Low maintenance, long lifetime – moving parts move in a closed lubricated circuit
- Protective steel frame with foldable handles
- Lifting eye and cross lifting bar
- No exhaust or emission from the tools – power pack with engine can be placed away from tool
- Large return filter and replacement indicator
- Thermostatically-controlled oil cooler

## Read more about:

- Power Pack BIO-OIL, page 83
- Oil flow dividers, page 84
- Extension hoses, page 84

Power packs		Petrol driven		
		LP 9-20 P <sup>2)</sup>	LP 13-30 P <sup>2)</sup>	LP 18-30 PE
Engine/Motor		9 HP Honda petrol	13 HP Honda petrol	18 HP B&S Vanguard petrol
Weight (incl oil)	kg	66	94	118
Dimensions (LxWxH)	mm	585x525x680	705x600x745	790x605x690
Oil flow	l/min	20	20-30	20-30
Maximum pressure	bar	150	155	172
Power on Demand (POD)		YES	YES	NO
Electric start		NO	NO	YES
Oil control: engine oil		YES	YES	YES
Fuel capacity	l	6	6,5	7,2
EHTMA class		C	C/D	C/D
Part number		1807 0080 09	1807 0110 12	1807 0160 41
Non-EU versions				
Part number <sup>1)</sup>		1807 0080 31	1807 0110 23	-

<sup>1)</sup> Version with twin and single pump configuration and different flow and pressure settings also available. Please contact your Atlas Copco sales representative for further information.

<sup>2)</sup> 7 m twin hose comes as standard with LP 9-20 P and LP 13-30 P.



Petrol driven		Diesel driven	Electric driven	
LP 18-40 PE	LP 18 Twin PE <sup>1)</sup>	LP 13-20 DEL	LP 9-20 E	LP 18 Twin E <sup>1)</sup>
18 HP B&S Vanguard petrol	18 HP B&S Vanguard petrol	10 HP Lombardini diesel	5.5 kW / 3x400 V / 16A Electric	11 kW / 3x400 V / 32A Electric
118	110	116	70	123
790x605x690	720x700x745	705x600x745	585x525x680	705x600x745
20-40	2x20/1x40	20	20	2x20/1x40
145	155	140	140	155
NO	YES	NO	NO	NO
YES	YES	YES	YES	YES
YES	YES	NO	NO	NO
7,2	7,2	5,5	-	-
C/D/E	C/E	C	C	C/E
1807 0160 38	1807 0160 16	-	1807 0080 15	1807 0160 22
1807 0160 40	1807 0160 32	1807 0110 20		

HYDRAULICS

# Hydraulic standard breakers

## Applications:

- Breaking light concrete and brickwork (LH 11)
- Medium and hard materials as asphalt and concrete

## Features:

- Low noise levels
- Slim design
- High power to weight ratio

## Read more about:

- Working Tools, page 76
- Chisel paste, page 83
- Oil flow dividers, page 84
- Extension hoses, page 84



**LH 11 Pick hammer**

		Pick hammer
		LH 11 <sup>4)</sup>
Weight <sup>1)</sup>	kg	12,6
Length <sup>2)</sup>	mm	600
Oil flow	l/min	20
Working pressure	bar	70-90
Return line pressure max.	bar	10
Impact rate	bpm	2400
Vibration level 1 axis (EN/ISO 8662-5) <sup>3)</sup>	m/sec <sup>2</sup>	-
Vibration level 3 axis (ISO 28927-10) <sup>3)</sup>	m/sec <sup>2</sup>	-
EHTMA class		C

Part number	LH 11
Shank size 22 x 82,5	1801 1741 18
Shank size 25 x 108	-
Shank size 28 x 152	-
Shank size 28 x 160	-
Shank size 32 x 152	-
Shank size 32 x 160	-

<sup>1)</sup> Weights for LH 180 with Hex 25, LH 220, LH 270, LH 390 with Hex 32

<sup>2)</sup> Lengths for LH 180 with Hex 25, LH 220, LH 270, LH 390 with Hex 32

<sup>3)</sup> LH 11-LH 270 measured at 20 l/min, LH 390 measured at 30 l/min.

<sup>4)</sup> Front handle as option



Hydraulic standard breakers			
LH 180	LH 220	LH 270	LH 390
19,3	23,9	26,7	33,2
650	736	765	765
20	20-30	20-30	30-40
115	125	125	125
10	15	15	15
1600	1500-1950	1400-1850	1100-1350
8,3	11,4	11,4	14,2
-	-	-	-
C	C/D	C/D	D/E

LH 180	LH 220	LH 270	LH 390
-	-	-	-
1801 3443 36	1801 3543 46		
1801 3443 37	1801 3543 47	1801 3643 56	1801 3743 64
1801 3443 38	1801 3543 48	1801 3643 57	1801 3743 65
1801 3443 39	1801 3543 49	1801 3643 58	1801 3743 66
1801 3443 40	1801 3543 50	1801 3643 59	1801 3743 67

<sup>4)</sup> Front handle as option

<sup>6)</sup> HBP (high pack pressure) for operations with long hoses on skid steer loaders

E = vibro-reduced

# Hydraulic vibro-reduced breakers

## Applications:

- Medium and hard materials as asphalt and concrete

## Features:

- Vibro-reduction
- Vibro-damping chisel bushing
- Low noise levels
- Slim design
- High power to weight ratio

## Read more about:

- Working Tools, page 76
- Chisel paste, page 83
- Oil flow dividers, page 84
- Extension hoses, page 84

Hydraulic vibro-reduced breakers		LH 190 E
Weight 1)	<i>kg</i>	23,1
Length 2)	<i>mm</i>	650
Oil flow	<i>lpm</i>	20
Working pressure	<i>bar</i>	115
Return line pressure max	<i>bar</i>	10
Impact rate	<i>bpm</i>	1600
Vibration level 1 axis (EN/ISO 8662-5) <sup>3)</sup>	<i>m/sec<sup>2</sup></i>	-
Vibration level 3 axis (ISO 20643) <sup>3)</sup>	<i>m/sec<sup>2</sup></i>	4,8
EHTMA class		C

Part number	LH 190 E
Shank size 25 x 108	1801 3443 41
Shank size 28 x 152	1801 3443 42
Shank size 28 x 160	1801 3443 43
Shank size 32 x 152	1801 3443 44
Shank size 32 x 160	1801 3443 45

<sup>1)</sup> weights for LH 190 E with Hex 25, all others with Hex 32

<sup>2)</sup> lengths for LH 190 E with Hex 2

<sup>3)</sup> LH 190E-280E measured at 20 l/min, LH 400E measured at 30 l/min.



**LH 230 E**

LH 230 E	LH 280 E	LH 400 E
26,6	29,4	37
700	728	728
20-30	20-30	30-40
125	125	125
15	15	15
1500-1950	1400-1850	1100-1350
-	-	-
4,6	4,9	6,1
C/D	C/D	D/E

LH 230 E	LH 280 E	LH 400 E
1801 3543 51		
1801 3543 52	1801 3643 60	1801 3743 68
1801 3543 53	1801 3643 61	1801 3743 69
1801 3543 54	1801 3643 62	1801 3743 70
1801 3543 17	1801 3643 63	1801 3743 71

<sup>4)</sup> Front handle as option

<sup>6)</sup> HBP (high pack pressure) version with long hoses for operation on skid steer loaders  
E = vibro-reduced

# Hydraulic rock drill

## Applications:

- Drills down to 6 m depth and up to 50 mm diameter:
  - Blast holes
  - Anchor holes
  - Rock-splitting holes

## Features:

- Torque limiter prevents operator kick-back
- Anticlockwise rotation as option
- A drifter version for separate operation of impact and two way rotation is available.

## Read more about:

- Oil flow dividers, page 84
- Extension hoses, page 84



Rock drill		LHD 23 M
Weight <sup>1)</sup>	kg	24,5
Shank size	Hex mm	22x108
Oil flow	l/min	20-25
Working pressure	bar	100-140
Return line pressure max.	bar	15
Impact rate	bpm	2400-3000
Revolutions	rpm	320-400
Torque	Nm	65
EHTMA class		C
Part number, clockwise rotation		1801 3800 01
Part number, anti-clockwise rotation		1801 3800 02

<sup>1)</sup> Without hoses and drill

# Hydraulic pumps

## Applications:

Pumping of clean or contaminated water and slurry:

- On building sites
- In flooded excavations
- In cellars
- In wells

## Features:

- Spark proof motor
- Can run dry
- Including 10 m discharge hose with quick coupling

## Read more about:

- Oil flow dividers, page 84
- Extension hoses, page 84



Pumps		LWP 2	LTP 3
Weight	kg	10,25	12,7
Dimensions HxW	mm	267x215	360x300
Oil flow	l/min	18-24	26-38
Working pressure	bar	100	140
Max working Pressure	bar	150	170
Pump head max.	m	25	32
Pump flow max.	l/min	840	1920
Discharge		2"	3"
Solid handling up to	mm	10	60
EHTMA class		C	D
Part number		1806 1014 34	1806 1014 35

# Hydraulic core drills

## Applications:

- Safe handheld drilling in reinforced concrete and asphalt up to 200 mm diameter in confined spaces, for ventilation, heating, gas piping and other installations
- Works efficient also in underwater applications

## Features:

- High power to weight ratio
- Low vibrations
- Low kick-back
- Hydraulic torque control
- Fits in standard drill stands
- Closed hydraulic circuit
- Comes in carrying steel case as standard

## Read more about:

- Diamond core bits, page 87
- Oil flow dividers, page 84
- Extension hoses, page 84
- Water kit, page 85



Core drills		LCD 500	LCD 1500
Weight	<i>kg</i>	8,2	8,2
Oil flow	<i>l/min</i>	20-30	20-30
Length without drill	<i>mm</i>	414	406
Working pressure	<i>bar</i>	80-170	80-170
Revolutions	<i>rpm</i>	600-900	1500-2250
Drill diameter	<i>mm</i>	50-202	12-75
Thread female (drive) <sup>1)</sup>		½" BSP	½" BSP
EHTMA class		C/D	C/D
Part number		1806 1014 38	1806 1014 39

<sup>1)</sup> ½" BSP male x 1 ¼ UNC male drive adaptor included for use of larger diameter core bits.

# Hydraulic cut-off saws

## Applications:

- Cuts 133-160 mm depth
- Works in dust, slurry and underwater
- Used for cutting:
  - Concrete, reinforced concrete
  - Asphalt
  - Steel
- Used with:
  - Dry and wet diamond discs
  - Abrasive steel cutting discs

## Features:

- Simple design with direct drive motor
- Open visible cutting face
- High power-to-weight ratio
- Compact and slim design

## Read more about:

- Diamond discs, page 86
- Oil flow dividers, page 84
- Extension hoses, page 84
- Water kit, page 85
- Cart, page 85



Cut-off saws		LS 14	LS 16
Weight	kg	9,8	10,6
Oil flow	l/min	20-30	20-40
Working pressure	bar	100-170	100-170
Revolutions	rpm	2500-4000	2000-4000
Speed	m/s	46-75	42-85
Disc size	mm	355	405
Arbor size	mm	25,4	25,4
Cutting depth	mm	133	160
EHTMA class		C/D	C/D/E
Part number		1809 0140 01	1809 0160 00

# Hydraulic post drivers

## Applications:

- Drives up to 96 mm diameter poles
- For driving of:
  - Road barriers
  - Tubes / profiles
  - Signposts
  - Fences
  - Anchors

## Features:

- Available with built in on/off valve or hose mounted remote on/off valve

## Read more about:

- Oil flow dividers, page 84
- Extension hoses, page 84
- Post driver adaptors, page 85



Post drivers		LPD-T	LPD-RV
Activation type		By trigger lever	By remote valve
Hydraulic system		Open centre	Open- or closed centre
Weight with hoses and adaptor	<i>kg</i>	34	32
Max. working pressure	<i>bar</i>	140	140
Oil flow	<i>l/min</i>	20-30	20-30
Impact rate at 30 l/min	<i>bpm</i>	1500	1500
Hydraulic ports		½" BSP	½" BSP
EHTMA class		C/D	C/D
Part number		1801 4040 00	1801 4050 00

# Hydraulic post puller

## Applications:

- For removal of any pole, steel beam or tube with diameters up to 200 mm
- For removing of:
  - Wooden posts
  - Steel posts (incl IPE, HPE and UPE profile)
  - Round/square steel tubes
  - Fence posts
  - Anchors

## Features:

- Integrated jaw
- Automatic chain tightening clamp
- Total pulling force up to 10 tons

## Read more about:

- Oil flow dividers, page 84
- Extension hoses, page 84
- Lever kit, page 85



Post puller		LPP 10 HD
Weight	kg	60
Oil flow	l/min	18-38
Max. working pressure	bar	160
Max. back pressure	bar	30
Lift capacity per stroke	mm	12-200
Pulling force	kg	6000
Full pulling force <sup>1)</sup>	kg	10000
EHTMA class		C/D
Part number		1801 8100 03

<sup>1)</sup> With Lever kit, part number 3371 8101 48

# Hydraulic ground rod drivers

## Applications:

- Drives earth connectors to depths of 10-15 m
- Light fencing and spike/anchor driving

## Features:

- Standard chuck sizes for up to 16 mm and 25 mm rods
- Hose mounted on/off valve for easy driving of long rods

## Read more about:

- Oil flow dividers, page 84
- Extension hoses, page 84



Ground rod drivers		LGRD-RV 16	LGRD-RV 25
Weight with hoses, control valve	<i>kg</i>	24	24
Max. working pressure	<i>bar</i>	105-125	105-125
Oil flow	<i>l/min</i>	20-30	20-30
Impact rate at 30 l/min	<i>bpm</i>	1740	1740
Port size		½" BSP	½" BSP
Bushing diameter	<i>mm</i>	16	25
EHTMA class		C/D	C/D
Part number		1801 3940 01	1801 3940 00

# Handheld and rig-mounted posthole borer

## Applications:

- Drilling preparations for:
  - Fence posts
  - Planting holes
  - Signpost holes

## Features LPHB:

- Two way rotation – ideal in stony ground
- Adjustable rotation speed and torque limiter

## Features LPHB-M:

- Standard ½" BSP connection
- Quick change of auger without any tools

## Read more about:

- Oil flow dividers, page 84
- Extension hoses, page 84
- Augers, page 84
- Extension rod, page 84



Post hole borer		Handheld	Rig-mounted
		LPHB	LPHB-M
Weight without auger	kg	20	31 <sup>1)</sup>
Oil flow	l/min	15-30	20-60
Working pressure	bar	100-140	160
Max. back pressure	bar	50	-
Torque	Nm	315	450 <sup>2)</sup>
Revolutions	rpm	90-188	80-200
Auger size	mm	90-350	-
Max. boring depth	m		1,3
EHTMA class		C/D	-
Part number		1806 1014 33	1806 1014 37

<sup>1)</sup> Without Auger and top plate

<sup>2)</sup> At 140 bar

## Petrol breakers/drills

### Applications:

- Work on remote sites
- Breaking concrete
- Cutting asphalt
- Tamping and compacting
- Driving spikes, tubes, poles, ground rods and probes
- Digging ditches and holes
- Tie Tamping
- Drilling and breaking (Cobra™ Combi, Pionjär 120)

### Features:

- Easy to transport
- Quick set-up time
- HAPS™ Hand and Arm Protection System (not Pionjär)
- Low emissions
- Low noise

### Cobra™ TT and Pro

- Adjustable handles
- Central lubrication
- High impact power

### Cobra™ Pro, TT and Combi

- Catalytic converter for low emission

### Pionjär

- Ideal for high altitude operations

### Read more about:

- Cobra™ & Compactor IMPACT-OIL, page 83
- 2-stroke OIL, page 83

Petrol breakers/drills		Cobra™ Pro	Cobra™ TT
Weight	kg	25	25
Impact energy	Joules	60	40
Blow frequency	bpm	720-1440	720-1620
Engine power	kW	2	1,3
Fuel capacity	l	1	1
Shank size <sup>2)</sup>	mm	32x160	32x160
Part number		8318 0700 35	8318 0700 43

<sup>1)</sup> Pionjär is not sold within the EU

<sup>2)</sup> Other sizes on request



**Cobra Combi**



**Cobra Pro/TT**


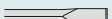

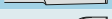
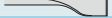




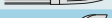

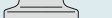

<b>Cobra™ Combi</b>	<b>Pionjär 120 <sup>1)</sup></b>	<b>Pionjär 130 <sup>1)</sup></b>
25,5	27	25
24	24	24
2600	2600	2600
2	2	2
1,2	1,5	1,1
22x108	22x108	22x108
8318 0800 08	8318 0326 07	8318 0328 05

PETROL

# Working tools for every job

Today's handheld breakers and hammers offer a significantly improved ratio of percussive performance to weight, which in turn imposes far greater loads on all components. The dimensions, material properties and tip geometry of working tools have a major impact on reliability, wear behaviour, performance and productivity.

## Application guide

	Working tool	Application								
		breaking <sup>1)</sup>	cutting <sup>1)</sup>	digging	tie tamping	compacting	rod driving	splitting	re-dressing	
	Moil point	●								
	Narrow chisel	●								
	Wedge chisel	●								
	Wide chisel		●							
	Asphalt cutter		●							
	Digging spade		●	●						
	Digging chisel			●						
	Clay spade		●	●						
	Tie tamper				●					
	Tamping pad					●				
	Driver						●			
	Wedge plug & feather							●		
	Bush hammer								●	

<sup>1)</sup> Use as wide tool as the material allows to make the job quicker



### Comments

breaking in concrete and soft materials (no line of fracture), making holes in hard materials

concrete and soft material, general-purpose tool that controls the line of fracture

concrete and frozen ground, a heavy-duty tool giving a progressive wedging force

suitable for medium hard to hard asphalt

hot rolled asphalt, gives a straight and clean cutting edge

cutting asphalt or loosen material prior to excavation

loosen material prior to excavation where the ground conditions are difficult

heavy dense clay or frozen ground, the scooped, curved profile gives efficient cutting

compaction of ballast under railway sleepers (ties)

consolidation of sub base, back fill and asphalt patching

driving rods stakes etc. into the ground

rock splitting for (pre-drilled) hole diameter 29 mm ( 1 1/8 in), alternatively 34 mm (1 3/8 in)

re-dressing of concrete or natural stone

## X-LITE flat hoses

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.

- Fast on long stretches: X-LITE is extremely flexible and can be easily unrolled.
- Ideal size and weight: X-LITE is only one-fifth the thickness of a conventional rubber hose and requires 50 % less storage space. Furthermore, it weighs three times less.
- 5-fold safety: with an operating pressure of 20 bar, the bursting pressure is above 100 bar.
- No whipping: should the X-LITE tear, the crack will progress in a longitudinal and never in a transverse direction. Advantage: the hose remains in one piece and there are no whipping ends.

### X-LITE Hose rolls

Inner diameter	Max. working pressure	Length	Part number
<i>mm</i>	<i>bar</i>	<i>m</i>	
20	20	60	9030 2114 00
25	20	60	9030 2106 00

### X-LITE Pre-mounted hoses

Inner diameter	Max. working pressure	Length	Part number
<i>mm</i>	<i>bar</i>	<i>m</i>	
20	20	20	9030 2115 00
25	20	20	9030 2111 00

### Customized hoses with individual text Package of 10 rolls (10 x 60 m)

Colour	Inner diameter	Max. working pressure	Part number
	<i>mm</i>	<i>bar</i>	
Yellow	20	20	9030 2114 90
Red	20	20	9030 2114 95
White	20	20	9030 2114 94



## Round rubber hoses

Atlas Copco rubber hoses is a heavy-duty product range, that withstands rough handling. It is suitable for the most demanding tasks in construction, roadwork, mining, shipbuilding etc. Maximum working pressure is 16 bar with 5-fold safety. Inner lining in black EPDM rubber, conductive to dissipate static electricity. Reinforcement with high tensile strength made of synthetic textile yarns.



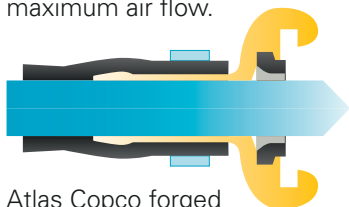
### Round rubber hoses, 30 m length

Inner diameter	Outer diameter mm	Part number
<i>mm</i>	<i>mm</i>	
12,5	22	9030 2038 00
20,0	30	9030 2040 00
25,0	36	9030 2041 00

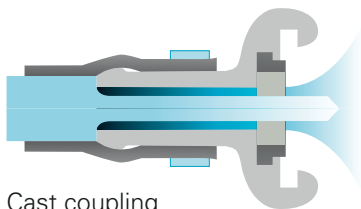
## Claw couplings

Forged and hardened for maximum service life and air flow, it is reasonable to decide for thoroughgoing quality – while inferior, flow-choking couplings cause a remarkable power loss, and therefore less efficiency.

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



Atlas Copco forged coupling



Cast coupling



Hose inner diameter	Bore	Weight	Part number
<i>mm</i>	<i>mm</i>	<i>kg</i>	
20	17,2	0,15	9000 0312 00
25	22	0,17	9000 0313 00

## 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.



Water separators	Hose connection	Air flow	Part number European type*
	<i>mm</i>	<i>l/s</i>	
VAM 01	20	50	8092 0110 58
VAM 5A	25	120	8092 0110 82
Max. working pressure 8 bar			

\*) US type also available. Please contact your Atlas Copco sales representative for further information.

## BLG/CLG lubricators

BLG and CLG lubricators use the ejector principle and offer effective lubrication of all compressed air machines. The lubricators are designed to work in horizontal, vertical or upside-down position. This helps to provide a continuous oil supply to protect the machine.



Lubricators	Hose inner diameter	Air flow	Oil volume	Weight	Part number European type*
	<i>mm</i>	<i>l/s</i>	<i>l</i>	<i>kg</i>	
CLG 10, for both mineral and synthetic oil	25	8-15	1,3	3	8202 5101 23
CLG 30, for both mineral and synthetic oil	25	15-140	1,3	3	8202 5102 39
BLG 30, for mineral oil	25	15-140	1,3	3	8202 5102 05
Max. working pressure 20 bar					

\*) US type also available. Please contact your Atlas Copco sales representative for further information.

## Lubricants

Atlas Copco lubricants have been developed for extremely demanding applications. To reduce the risk of machine failures, a constant lubrication is needed. Atlas Copco lubricants offer a reliable protection against wear and corrosion.

Reduced maintenance cost and an optimized machine lifetime are the key advantages of these high performance lubricants.

### Breaker and Hammer AIR-OIL

For pneumatic breakers and hammers

- Readily biodegradable
- Anti-freezing properties

Size	Part number
0,25 l	8099 0202 40
1 l	8099 0202 36
5 l	8099 0202 02
20 x 1 l	8099 0202 81
4 x 5 l	8099 0202 85



### Rock Drill AIR-OIL

For pneumatic drills

- Readily biodegradable

Size	Part number
1 l	8099 0201 01
4 l	8099 0201 04
10 l	8099 0201 10
208 l barrel	8099 0201 28
12 x 1 l	8099 0201 81
4 x 4 l	8099 0201 84



## Cobra & Compactor IMPACT-OIL

For petrol breakers Cobra TT and Pro

Size	Part number
1 l	9234 0012 03
20 x 1 l	9234 0014 05



## Power Pack BIO-OIL

For hydraulic power packs

- Biodegradable

Size	Part number
4 l	3371 8077 51



## 2-stroke OIL

For petrol drills and breakers

Size	Part number
1 l	8099 0202 40
12 x 1 l	8099 0202 36



## Chisel paste

For handheld breakers

Size	Part number
12 x 400 g	3363 0949 13
15 kg	3362 2639 00



# Accessories for handheld hydraulic equipment

## Auger

Auger size	Length	Part number
<i>∅ mm</i>	<i>mm</i>	
90	870	3378 0050 45
150	870	3378 0050 46
200	870	3378 0050 44
250	870	3378 0050 47
280	870	3378 0050 49
350	870	3378 0050 48



## Extension rod



Description	Length	Weight	Part number
	<i>mm</i>	<i>kg</i>	
Extension rod	500	5	3378 0050 55

## Hydraulic extension hoses



Length	Coupling	EHTMA class	Part number
<i>m</i>			
7	1/2 "	C/D	3371 8010 87
12	1/2 "	C/D	3371 8010 89

## Oil flow divider



Type	Max. oil flow rate	Regulated oil flow rate	EHTMA class	Part number
	<i>l/min</i>	<i>l/min</i>		
LFD 20	60	20-25	C	1801 1632 29
LFD 30	120	25-38	D	1801 1642 32

## Post driver adaptors



Description	Part number
Universal adaptor	3371 8060 33
Round adaptor 96 mm	3371 8060 34
Square adaptor 54 mm	3371 8060 32

## Lever kit for post puller



Description	Weight	Part number
LPP 10 HD lever kit	10 kg	3371 8101 48

## Water kit for core drill and cut-off saw

Size	Water	Weight	Part number
<i>mm</i>	<i>l</i>	<i>kg</i>	
220x620x250	10	8	3371 8090 02



## LSC Cart\* for 14 and 16 inch cut-off saw

Weight	Part number
<i>kg</i>	
25	1809 0010 01

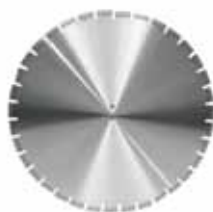
\* including water kit



## Diamond discs

### Applications:

- Cutting concrete, concrete reinforcement and asphalt



### Concrete and asphalt diamond discs for 14 inch and 16 inch cut-off saw

Description	Blade size	Arbor hole diameter	Part number
Concrete diamond disc	355	25,4	3378 0050 57
Concrete diamond disc	405	25,4	3371 8097 27
Asphalt diamond disc	355	25,4	3378 0050 58
Asphalt diamond disc	405	25,4	3371 8097 26



## Diamond core bits

### Applications:

- Concrete, reinforced concrete and brickwork



Core bit size	Length	Part number
<i>mm</i>	<i>mm</i>	
Ø 62	450	3378 0050 61
Ø 82	450	3378 0050 62
Ø 102	450	3378 0050 63
Ø 112	450	3378 0050 64
Ø 132	450	3378 0050 65
Ø 152	450	3378 0050 66
Ø 162	450	3378 0050 67
Ø 200	450	3378 0050 68



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



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Subject to technical modifications.