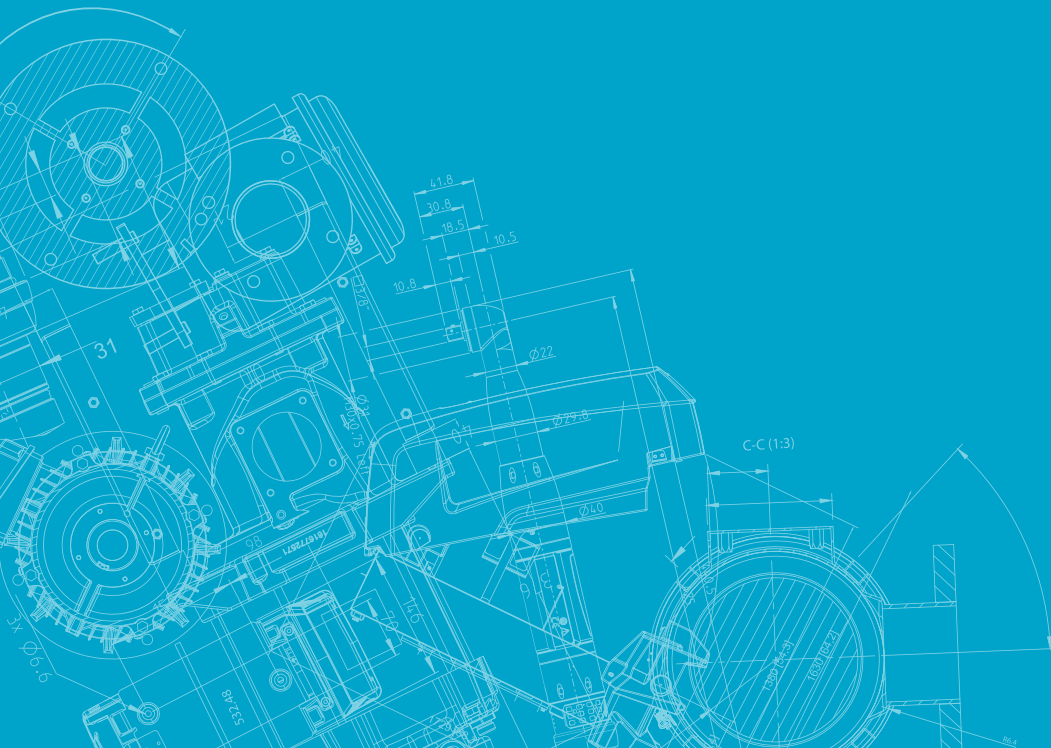




Atlas Copco



**Handheld tools
facts book**



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Reliable, ergonomic and safe handheld tools

At Atlas Copco, we know the tools of the trade when it comes to designing construction equipment. Ergonomic, easy to handle and reliable, they will be your best friend for heavy-duty construction work.



Try our HAPS™ enabled machines and you'll feel the difference. HAPS™ stands for "Hand and Arm Protection Systems", an innovation that minimizes the impact of vibrations on the operator. We make sure every product is well-balanced and comfortable to handle. With an HAPS enabled machine, you can work up to six times longer every day. Imagine what you can do with that time...



Demolition work can get dusty, but with our dust collector operators are protected against silica particles. Atlas Copco's pneumatic dust collectors use vacuum technology to efficiently remove dust directly at the source

and keep the silica dust level on your construction site below the permissible exposure limit. They work indoors as well as outdoors.



Precision engineering, top-quality materials and modern engines with low fuel consumption and fewer emissions: Atlas Copco breaks the mold for long-lasting equipment. In the case of our handheld tools, less parts means fuss-free products, low lifecycle costs and a high trade-in value.

With their solid bodies, our tools handle whatever force you throw at them. Reliable and powerful equipment, but also excellent service whenever and wherever you need it, we'll make sure that at the end of the day, you got your job done.



Swap tools in no time thanks to the quick kick latch (on selected models), or just unscrew the tool. Of course all our working tools are interchangeable between various models. The versatility of our breakers and hammers allows for

fast tool changes and less inventory.

Always the right tool for the job

Pneumatic tools:

- Ergonomic best-in-class
- The best possible power-to-weight ratio
- Versatile: a tool for every application
- One compressor can power several tools
- Lowest total cost of ownership

Petrol-driven tools:

- Fully autonomous
- Ideal for remote locations and disaster areas

Hydraulic tools:

- Ideal when space is limited
- Compact and fast set-up

Do you have to use the tool for longer than 1 hour a day?

NO

Do you have other pneumatic tools on site?

NO

Are you working in a remote location without power supply?

NO

Do you have to work in a cramped space?

YES

YES

YES

YES

NO – just give me the latest innovation

PNEUMATIC

PETROL

HYDRAULIC



Handheld pneumatic tools



Handheld pneumatic tools

Our pneumatic tools are ergonomically best in class and have an excellent power-to-weight ratio, making them suitable for various construction applications.

Solid Body concept

The one-piece machine body means fewer parts. This will help to increase reliability. The concept also gives a low centre of gravity to our breakers and thus a good balance of the product.

HAPS™ system

By reducing the in-use vibration value of the machine, our 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 2000/14/EC).

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

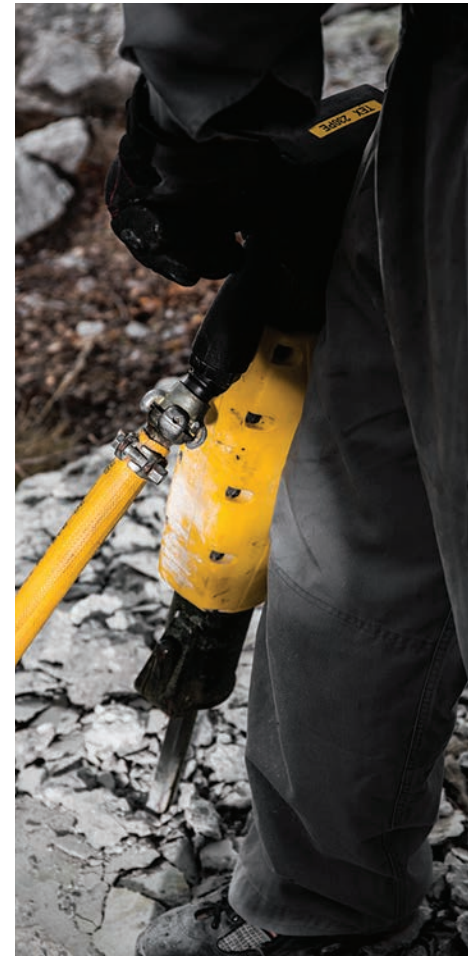
To reduce vibration and wear, the piston turns on air-cushions at either end of the cylinder. When working off-load, this practically eliminates metal-to-metal contact.

Rotating air inlet swivel

Easy handling of the tool, even when pressurized. Available with selected tools only.

Integrated lubricator

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



Handheld pneumatic tools

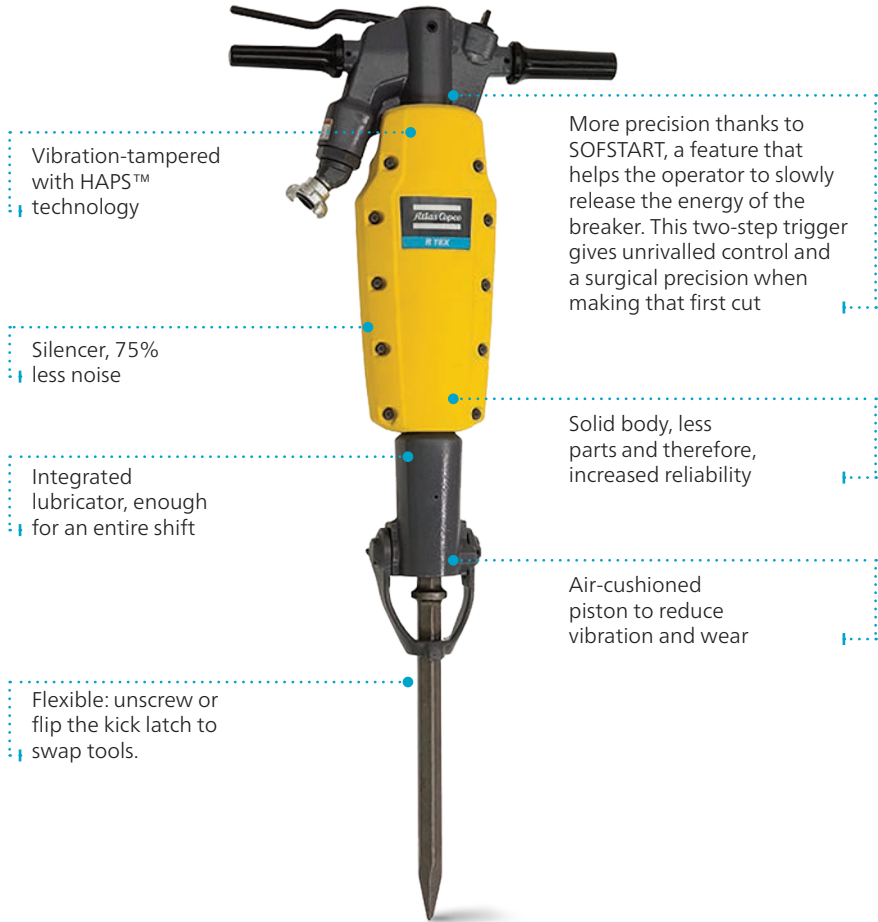
A workman with an Atlas Copco machine will never have to blame his tools. Our pneumatic breakers and hammers are designed to get more work done in a day. HAPS™ technology dampens vibrations and the tool's single casting design means fewer parts, less fuss. Try an Atlas Copco pneumatic breaker or hammer and you'll feel the difference: our well-balanced pneumatic tools offer excellent ergonomics.



The two-tooler:

downsize for savings

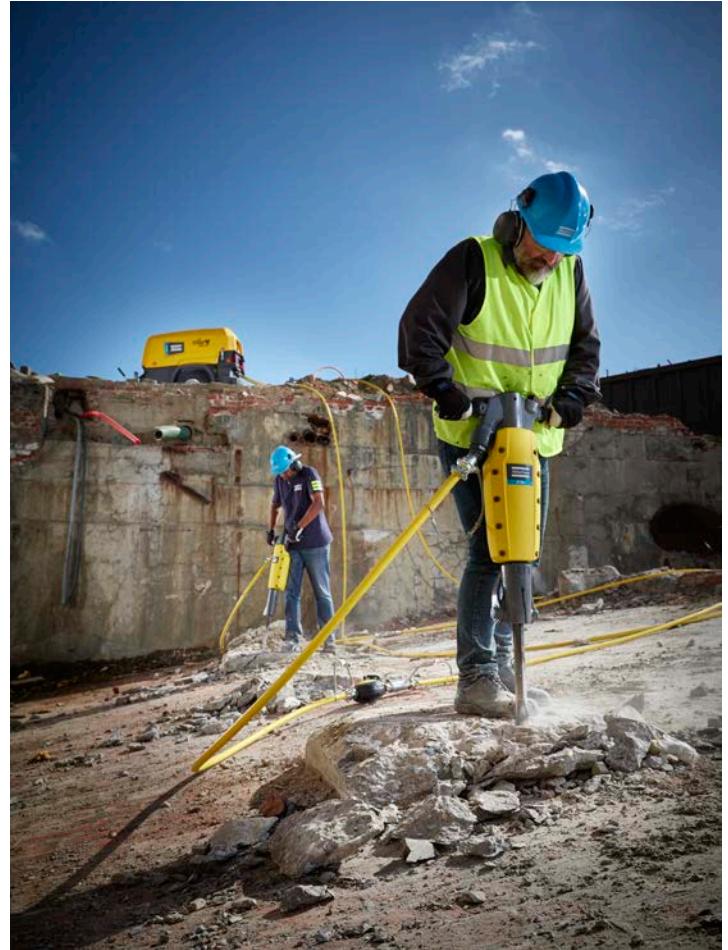
Energy-efficient handheld tools allow you to downsize your compressor, or to run several breakers on the same compressor.



Tools - Compressor sizing guide

Need to get a lot of work done?

One compressor can often run several pneumatic tools at once. The RTEX even has double the breaking capacity per liter of compressed air compared to a conventional breaker. This means you need a compressor half the size as previously, or you can double up your breakers from the same power source, all at no additional cost.



| | | | | Tools model | TEX 05 | TEX 09 | TEX 12 | RTEX 15 | TEX 150 | TEX 190 | RTEX 25 | TEX 230 | TEX 280 | RTEX 35 | TEX 33 | TEX 40 | |
|---|-----------------------|----------------------------|-----|--------------|---------------------|--------|--------|---------------|---------------|---------------|----------------|----------------|----------------|----------------|---------------|---------------|-----|
| | | | | Type of tool | hammer | hammer | hammer | light breaker | light breaker | light breaker | medium breaker | medium breaker | medium breaker | medium breaker | heavy breaker | heavy breaker | |
| | | | | Weight (kg) | 6,3 | 10,5 | 12 | 17 | 19 | 23 | 25 | 25,5 | 31,5 | 33,2 | 37 | 42 | |
| | | Air consumption (6 bar) | | | m ³ /min | 0,6 | 1 | 1,2 | 0,9 | 1,5 | 1,6 | 1,1 | 1,8 | 1,9 | 1,3 | 2 | 2,4 |
| | | | | | l/s | 10 | 17 | 20 | 15,4 | 25 | 26 | 18 | 30 | 32 | 21,5 | 34 | 40 |
| | | | | | cfm | 21 | 36 | 42 | 31,8 | 53 | 55 | 38 | 64 | 68 | 45,5 | 72 | 85 |
| Compressor model | Fuel / Emission stage | Free Air Delivery at 6 bar | | | | | | | | | | | | | | | |
| | | m ³ /min | cfm | | | | | | | | | | | | | | |
| XAS 27 | Diesel EU Stage V | 1,6 | 57 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| XAS 38 | Diesel EU Stage V | 2 | 70 | 3 | 2 | 1 | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 0 | 0 | 0 |
| XAHS 38 | Diesel EU stage IIIa | 2,3 | 80 | 3 | 2 | 1 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 1 | 1 | 0 | 0 |
| XAS 48 / XAS 48-7 G ¹⁾ | Diesel EU Stage V | 2,5 | 90 | 4 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 |
| XAS 48 G ¹⁾ | Diesel EU stage IIIa | 2,5 | 90 | 4 | 2 | 2 | 2 | 1 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 1 |
| XAS 58-7 / XAS 58-7 / XAS 58-7 G ¹⁾ | Diesel EU Stage V | 3 | 106 | 5 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 1 |
| XAS 58 | Diesel EU stage IIIa | 3 | 106 | 5 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 1 |
| XAS 68-10 / XAS 68-7 G ¹⁾ / XAS 68-12 PACE | Diesel EU Stage V | 3,5 | 125 | 5 | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 1 | 1 | 2 | 1 | 1 | 1 |
| XAS 68 / XATS 68 / XAS 68 G ¹⁾ | Diesel EU stage IIIa | 3,5 | 125 | 5 | 3 | 2 | 3 | 2 | 2 | 2 | 3 | 1 | 1 | 2 | 1 | 1 | 1 |
| XAS 88-7 / XAS 88-7 G ¹⁾ / XAS 88-10 PACE | Diesel EU Stage V | 5 | 175 | 8 | 4 | 4 | 5 | 3 | 3 | 3 | 4 | 2 | 2 | 3 | 2 | 2 | 2 |
| XAS 88 / XAS 88 G ¹⁾ | Diesel EU stage IIIa | 5 | 175 | 8 | 4 | 4 | 5 | 3 | 3 | 3 | 4 | 2 | 2 | 3 | 2 | 2 | 2 |
| XAS 98 / XAS 98 G ¹⁾ | Diesel EU stage IIIa | 5,3 | 187 | 8 | 5 | 4 | 5 | 3 | 3 | 3 | 5 | 2 | 2 | 4 | 2 | 2 | 2 |
| E-Air H185 VSD, at 50A ²⁾ | Electric | 5,4 | 192 | 9 | 5 | 4 | 6 | 3 | 3 | 3 | 5 | 3 | 2 | 4 | 2 | 2 | 2 |
| E-Air H250 VSD, at 63A ²⁾ | Electric | 6,6 | 233 | 11 | 6 | 5 | 7 | 4 | 4 | 4 | 6 | 3 | 3 | 5 | 3 | 2 | 2 |

¹⁾ Compressors with "G" in the name have a built-in generator. Compressors with PACE in their name have an adjustable pressure between 5 bar and the maximum pressure indicated in the product name.

²⁾ For electric compressors, the free air delivery depends on the electric current (16, 32, 50 or 64A). Figures in this overview are based on the highest electric current.

Vibro-reduced pneumatic hammers

Applications depending on weight class:

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

Features:

- Full canopy vibro-reduction (TEX 05, 07, 09 and 12)
- Noise-reduction
- SOFSTART™ two-step trigger
- HAPS™ Hand and Arm Protection System
- Air cushioned piston (TEX 05, 07, 09 and 12)
- Easy handling and positioning



| Pneumatic hammers | | TEX 05PE ¹ | TEX 07PE | TEX 09PE ^{1,2} | TEX 12PE ^{1,2} |
|---|------------------|-----------------------|--------------|-------------------------|-------------------------|
| Weight | kg | 6,5 | 8,7 | 10,5 | 12 |
| Length | mm | 450 | 525 | 560 | 590 |
| Air consumption | l/s | 10 | 17 | 17 | 20 |
| Impact rate | blows/min | 2640 | 1770 | 1800 | 1620 |
| Vibration level 3 axes (ISO 28927-10) | m/s ² | 2,4 | 12,4 | 4,2 | 4,0 |
| Sound power level guaranteed (2000/14/EC) | Lw, dB(A) | 105 | 104 | 105 | 105 |
| Sound pressure level (ISO 11203) | Lp, r=1m | 87 | 87 | 93 | 93 |
| Tool retainer | | cap | cap | latch | latch |
| Shank size HEX | mm | 19x50 | 19x50 | 22x82,5 | 22x82,5 |
| Part number (HEX shank) | | 8461 0219 10 | 8461 0209 20 | 8461 0211 35 | 8461 0211 38 |
| Shank size round shank | mm | - | - | 25x75 | 25x75 |
| Part number (R) | | - | - | 8461 0211 36 | 8461 0211 39 |

Data at 6 bar (90 psi) air pressure

PE: silenced, vibro-reduced

Suitable couplings:

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

¹) Claw couplings not included in delivery of TEX 05, 07, 09 and 12.

²) Front side handle included

Standard pneumatic hammers

Applications depending on weight class:

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

Features:

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

| Pneumatic hammers | | TEX 02 | TEX 03PS ² | TEX 05P ^{1,2} | TEX 09 PS KL | TEX 09 PS | TEX 10 PS KL | TEX 10 PS | TEX 12 PS KL | TEX 12 PS |
|---|------------------|--------------|-----------------------|------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Weight | kg | 2,5 | 4,0 | 5,5 | 12 | 10 | 10,5 | 10 | 12,5 | 10,5 |
| Length | mm | 273 | 300 | 380 | 500 | 500 | 500 | 520 | 545 | 550 |
| Air consumption | l/s | 7 | 6,9 | 9,5 | 18,5 | 18,5 | 17 | 17 | 21,3 | 21,3 |
| Impact rate | blows/min | 3000 | 4140 | 2760 | 1800 | 1800 | 1350 | 1350 | 1600 | 1600 |
| Vibration level 3 axes (ISO 28927-10) | m/s ² | 8 | 16,5 | 13 | 16,1 | 16,1 | 22,4 | 22,4 | 15,4 | 15,4 |
| Sound power level guaranteed (2000/14/EC) | Lw, dB(A) | 106 | 105 | 104 | 105 | 103 | 103 | 102 | 105 | 105 |
| Sound pressure level (ISO 11203) | Lp, r=1m | 95 | 89 | 92 | 93 | 91 | 91 | 90 | 92 | 93 |
| Tool retainer | | spring | cap | cap | kick-latch | cap | kick-latch | cap | kick-latch | cap |
| Shank size HEX | mm | 12 | 19x50 | 19x50 | 22x82,5 | 22x82,5 | 22x82,5 | 22x82,5 | 22x82,5 | 22x82,5 |
| Part number (HEX shank) | | - | 8461 0208 01 | 8461 0219 00 | 8461 0211 05 | 8461 0211 02 | 8461 0211 32 | 8461 0211 30 | 8461 0211 12 | 8461 0211 13 |
| Part number KIT | | - | 8461 0208 02 | 8381 0200 33 | | | 8381020038 | | 8381020041 | 8381 0200 40 |
| Shank size round shank | mm | - | | 17,3x60 | | - | | 25x75 | 25x75 | 25x75 |
| Part number (round shank) | | 8461 0208 06 | - | 8461 0219 03 | - | - | - | 8461 0211 31 | 8461 0211 15 | 8461 0211 14 |

For the contents of the available kits, check page 31

| | | | |
|--|--|---------------------|--|
| Data at 6 bar (90 psi) air pressure | | Suitable couplings: | |
| ¹⁾ also available with combined hexagonal/round shank (part no: 8461 0219 01) | | TEX 09, 10 and 12 | Atlas Copco Standard Atlas Copco Standard with strainer US Standard (not for TEX 10) |
| ²⁾ also available in carrying case as complete set (hexagonal shank only); Kit part number: 8461 0219 02 KL: kick latch, PS: silenced | | TEX 03, TEX 05 | Atlas Copco Standard |
| Claw couplings not included in delivery | | | 9000 0306 00 9000 0306 01 9001 0005 06 9000 0305 00 |

Rivet busters

Application:

Used for removing rivets in metal and concrete applications, including demolition and bridge work. Choose either for pistol grip or a classic D-handle.

Features:

- Excellent power-to-weight ratio
- Teasing throttle for precise control
- Rugged design and components for reliable operation under tough conditions
- Stepped cylinder design for added safety



| Rivet busters | | TEX 14 pistol | TEX 14 D | TEX 15 pistol | TEX 15 D |
|---|------------------|---------------|--------------|---------------|--------------|
| Weight | kg | 13,7 | 14,1 | 15 | 15,4 |
| Length | mm | 584 | 600 | 660 | 676 |
| Air consumption | l/s | 21 | 21 | 21 | 21 |
| Impact rate | blows/min | 900 | 900 | 720 | 720 |
| Vibration level 3 axes (ISO 20643) | m/s ² | 12,6 | 12,3 | 13,3 | 14,3 |
| Sound power level guaranteed (2000/14/EC) | Lw, dB(A) | 105 | 105 | 105 | 105 |
| Sound pressure level (ISO 11203) | Lp, r=1m | 93 | 93 | 93 | 93 |
| Trigger type | | Outside | Inside | Outside | Inside |
| Handle type | | Open | D | Open | D |
| Cylinder | | Short (8") | Short (8") | Long (11") | Long (11") |
| Chuck size | | Jumbo | Jumbo | Jumbo | Jumbo |
| Part number | | 8461 0250 16 | 8461 0250 17 | 8461 0250 18 | 8461 0250 19 |

Light pneumatic breakers

Applications:

- Light breakers for service jobs and general demolition

Features:

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



| Pneumatic breakers | | TEX 150PE | | TEX 190PE | | TEX 21PE |
|---|------------------|-----------|--------|-----------|--------|----------|
| Vibro-reduced | | YES | YES | YES | YES | YES |
| Weight | kg | 19 | 19 | 22,5 | 23 | 21 |
| Length | mm | 590 | 590 | 595 | 645 | 650 |
| Air consumption | l/s | 25 | 25 | 26 | 26 | 25 |
| Impact rate | bpm | 1530 | 1530 | 1500 | 1500 | 1140 |
| Vibration level 3 axes (ISO 28927-10) | m/s ² | 4,5 | 4,5 | 3,7 | 3,7 | 7,6 |
| Sound power level guaranteed (2000/14/EC) | Lw, dB(A) | 104 | 104 | 104 | 104 | 105 |
| Sound pressure level (ISO 11203) | Lp, r=1m | 91 | 91 | 92 | 91 | 93 |
| Shank size | Hex mm | 22x82,5 | 25x108 | 25x108 | 28x160 | 25x108 |

| Available shank sizes ¹⁾ | | 22x82,5 | | 25x108 | | 28x160 | |
|-------------------------------------|-------------|--------------|--|--------------|--|--------------|--|
| TEX 150PE | Part number | 8461 0223 31 | | 8461 0223 33 | | - | |
| TEX 190PE | Part number | - | | 8461 0224 31 | | 8461 0224 33 | |
| TEX 21PE | Part number | - | | 8461 0224 22 | | - | |

Data at 6 bar (90 psi) air pressure

¹⁾ Hex shank (mm)

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 |

RTEX range of pneumatic breakers

With our newest innovation, the Atlas Copco RTEX, you'll be demolishing without breaking a sweat. Lightweight, powerful and efficient, this tool is both ergonomic and economic. You'll be able to work longer while only consuming half the air. As a result, your compressor can also go down a size, or you can pair two tools with one compressor.

The secret of the RTEX lies in the innovative long piston design. A longer piston, compared to a conventional breaker, increases the interaction time with each blow. As a result, the RTEX has the breaking power to match a much heavier breaker. The efficient stroke mechanism radically lowers energy consumption.



NEW

| Pneumatic breakers | | RTEX 15 | | RTEX 25 | | RTEX 35 | |
|--|------------------|--------------|--------------|-------------------------------|--------------|-------------------|--------------|
| Weight | kg | 17 | 25 | 25 | 25 | 33,2 | 33,2 |
| Length | mm | 674 | 737 | 780 / 685 (notched chisel) | 780 | 845 / 748 | 845 |
| Air consumption | l/s | 15,4 | 19 | 17,5 | 18 | 21,5 | 21,5 |
| Impact rate | blows/min | 936 | 816 | 845 | 870 | 660 | 660 |
| Vibration level 3 axes (ISO 28927-10) 1) | m/s ² | 4,6 | 4,8 | 4,8 | 4,8 | 5,3 | 5,1 |
| Sound power level guaranteed (2000/14/EC) 1) | Lw, dB(A) | 106 | 107 | 107 | 107 | 107 | 107 |
| Sound pressure level (ISO 11203) 1) | Lp, r=1m | 83 | 90 | 90 | 90 | 86 | 86 |
| Shank size Hex | mm | 25 X 108 | 25 X 108 | 28x160 / 28 notch | 32x160 | 28x160 / 28 notch | 32x160 |
| Part number | | 8461 0115 10 | 8461 0125 10 | 8461 0125 20 | 8461 0125 30 | 8461 0135 20 | 8461 0135 30 |

Data at 6 bar (90 psi) air pressure

25%
LIGHTER, CUSHIONED
FOR **LESS**
VIBRATIONS 

50% 
LESS AIR
CONSUMED

**FASTER
BREAKING** 
THANKS TO SOFSTART™
AND STIFF HANDLES

(Compared to a comparable, conventional breaker, for example an Atlas Copco TEX breaker)

Medium pneumatic breakers

Applications:

- Medium breakers for service jobs and general demolition
- TEX P60: asphalt and other medium hard materials

Features:

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



| Pneumatic breakers | | TEX 230PE | | | TEX 280PE | | TEX 33PE | | TEX P60S | |
|---|------------------|-----------|--------|--------|-----------|--------|----------|--------|----------|--------|
| Vibro-reduced | | YES | YES | YES | YES | YES | YES | YES | NO | NO |
| Weight | kg | 25,5 | 27 | 27 | 31,5 | 31,5 | 37 | 37 | 33 | 33 |
| Length | mm | 625 | 670 | 670 | 690 | 690 | 745 | 745 | 690 | 690 |
| Air consumption | l/s | 30 | 30 | 30 | 32 | 32 | 34 | 34 | 36 | 36 |
| Impact rate | bpm | 1320 | 1320 | 1320 | 1230 | 1230 | 1200 | 1200 | 1500 | 1500 |
| Vibration level 3 axes (ISO 28927-10) | m/s ² | 4,2 | 4,2 | 4,2 | 4,8 | 4,8 | 5,7 | 5,7 | 16,8 | 16,8 |
| Sound power level guaranteed (2000/14/EC) | Lw, dB(A) | 104 | 106 | 106 | 105 | 105 | 111 | 111 | 109 | 109 |
| Sound pressure level (ISO 11203) | Lp, r=1m | 92 | 93 | 93 | 92 | 92 | 99 | 99 | 97 | 97 |
| Shank size | Hex mm | 25x108 | 28x160 | 32x160 | 28x160 | 32x160 | 28x160 | 32x160 | 28x160 | 32x160 |

| Available shank sizes ¹⁾ | | 25x108 | 28x160 | 32x160 |
|-------------------------------------|-------------|--------------|--------------|--------------|
| TEX 230PE | Part number | 8461 0225 31 | 8461 0225 34 | 8461 0225 35 |
| TEX 280PE | Part number | – | 8461 0226 32 | 8461 0226 33 |
| TEX 33PE | Part number | – | 8461 0227 01 | 8461 0227 00 |
| TEX P60S | Part number | – | 8461 0227 22 | 8461 0227 23 |

Data at 6 bar (90 psi) air pressure

¹⁾ Hex shank (mm)

TEX P60 S Kit available(Except US & Canada):
8381020056, 8381 0200 55
See page 27 for more information

Suitable couplings:

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

Claw couplings not included in delivery

Heavy pneumatic breakers

Applications:

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

Features:

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



| Pneumatic breakers | | TEX 37* | TEX 40PE | | TEX P90S | |
|---|------------------|----------------|----------|--------|----------|--------|
| Vibro-reduced | | NO | YES | YES | NO | NO |
| Weight | kg | 37 | 42 | 42 | 43 | 43 |
| Length | mm | 729 | 750 | 750 | 710 | 710 |
| Air consumption | l/s | 35 | 40 | 40 | 40 | 40 |
| Impact rate | bpm | 1200 | 1110 | 1110 | 1260 | 1260 |
| Vibration level 3 axes (ISO 28927-10) | m/s ² | 19,5 | 4,2 | 4,2 | 15,3 | 15,3 |
| Sound power level guaranteed (2000/14/EC) | Lw, dB(A) | Not applicable | 111 | 111 | 111 | 111 |
| Sound pressure level (ISO 11203) | Lp, r=1m | Not applicable | 99 | 99 | 99 | 99 |
| Shank size | Hex mm | 32x160 | 28x160 | 32x160 | 28x160 | 32x160 |

| Available shank sizes ¹⁾ | | 22x82,5 | 25x108 | 28x160 | 32x160 |
|-------------------------------------|-------------|---------|--------|--------------|--------------|
| TEX 37 | Part number | – | – | – | 8461 0229 12 |
| TEX 40PE | Part number | – | – | 8461 0228 05 | 8461 0228 04 |
| TEX P90S | Part number | – | – | 8461 0228 22 | 8461 0228 23 |

Data at 6 bar (90 psi) air pressure

Claw couplings not included in delivery

¹⁾ Hex shank (mm)

Suitable couplings:

*Available only for India, Middle East & South East Asian countries

Atlas Copco Standard

9000 0306 00

Atlas Copco Standard with strainer

9000 0306 01

US Standard

9001 0005 06

TEX P90S Kit available (except US & Canada): 8381020058

See page 31 for more information

Pneumatic rock drills (SRD)

Applications:

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

Features:

- Noise-reduction
- HAPS™ Hand and Arm Protection System
- Built in air flushing
- Extra flushing for quick and efficient hole cleaning with non stop drilling
- Less time for maintenance



| Pneumatic rock drill | | NEW | NEW |
|---|------------------|--------------|------------------------------|
| | | SRD 20 | SRD 25 |
| Weight | kg | 24 | 27 |
| Length | mm | 590 | 600 |
| Air consumption at 6.0 bar | l/s | 39 | 50 |
| Impact rate | blows/min | 1950 | 2040 |
| Revolutions | rpm | 200 | 250 |
| Penetration rate | mm/min | 270 | 336 |
| Hose connection | mm | 19 | 19 |
| Vibration level 3-axis (ISO 28927-10) | m/s ² | 9 | 10.7 |
| Sound power level guaranteed (2000/14/EC) | Lw, dB(A) | 111 | 110 |
| Shank size | mm | 22x108 | 22x108 25x108 |
| Part number | | 8311 0320 10 | 8311 0325 10 8311 0325 09 |

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

US Standard 9001 0005 06

Penetration rate is mentioned under test conditions on granite, however it may vary depending on hardness of material and operator skill

Light pneumatic rock drills

Applications:

- Drills up to 2 m depth
- Plug hole drilling
- Anchor and wedge hole drilling

Features:

- Noise-reduction (S-versions)
- HAPS™ Hand and Arm Protection System (E-versions)
- Built-in air flushing
- Trigger version available (ET)



| Pneumatic rock drills | | BBD 12D | BBD 12DS | BBD 12DCS | BBD 12T | BBD 12TS | BBD 15E | | BBD 15ET | |
|---|------------------|-------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Weight | kg | 9,8 | 10,7 | 10,5 | 11,1 | 12,1 | 15,5 | 15,5 | 15,6 | 15,6 |
| Length | mm | 565 | 565 | 560 | 505 | 505 | 575 | 575 | 575 | 575 |
| Air consumption | l/s | 24 | 22 | 22 | 24 | 22 | 22 | 22 | 22 | 22 |
| Impact rate | blows/min | 2580 | 2580 | 2580 | 2580 | 2580 | 2520 | 2520 | 2520 | 2520 |
| Revolutions | rpm | 220 | 220 | 220 | 220 | 220 | 220 | 220 | 220 | 220 |
| Penetration rate | mm/min | 250 ¹⁾ | 230 ¹⁾ | 230 ¹⁾ | 150 ¹⁾ | 150 ¹⁾ | 220 ¹⁾ | 220 ¹⁾ | 220 ¹⁾ | 220 ¹⁾ |
| Hose connection | mm | 13 | 13 | 13 | 19 | 19 | 19 | 19 | 16 | 16 |
| Vibration level 3 axes (ISO 20643) | m/s ² | 22,2 | 22,2 | 22,2 | 16 | 16 | 7 | 7 | 7 | 7 |
| Sound power level guaranteed (2000/14/EC) | Lw, dB(A) | 114 | 108 | 108 | 116 | 111 | 110 | 110 | 110 | 110 |
| Sound pressure level (ISO 11203) | Lp, r=1m | 103 | 97 | 97 | 103 | 98 | 97 | 97 | 97 | 97 |
| Shank size | mm | 19x108/ 22x108 | 19x108 | 19x108 | 22x108 | 22x108 | 19x108 | 22x108 | 19x108 | 22x108 |
| Part number | | 8311 0102 47/ 8311 0102 96 | 8311 0102 80 | 8311 0101 63 | 8311 0102 95 | 8311 0102 98 | 8311 0104 02 | 8311 0104 10 | 8311 0104 12 | 8311 0104 13 |

Data at 6 bar (90 psi) air pressure

- ¹⁾ In granite, drilling with 28 mm at 6 bar
²⁾ In granite, drilling with 32 mm at 6 bar

D = D-handle
 T = T-handle
 E = vibro-reduced handles
 ET = vibro-reduced handles, trigger start

C = cap
 S = silenced

Medium and heavy pneumatic rock drills

Applications:

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

Features:

- Noise-reduction (S-versions)
- HAPS™ Hand and Arm Protection System (E-versions)
- Built-in air flushing
- Extra flushing for quick and efficient hole cleaning



These products are available only for sale in India and not for export. For global markets, these tools have been replaced by next generation SRD rang of rock drills. See page 19.

| Pneumatic rock drills | | RH 571-5L | RH 571-5LS | RH 572E | RH 658L | RH 658 5L* | RH 658 5L FR* | RH 658LS |
|---|------------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|
| Weight | kg | 17,8 | 18,9 | 22,8 | 24 | 24 | 24,5 | 25 |
| Length | mm | 510 | 510 | 583 | 565 | 565 | 565 | 565 |
| Air consumption | l/s | 39 | 39 | 37 | 58 | 58 | 58 | 58 |
| Impact rate | blows/min | 2100 | 1980 | 2040 | 2040 | 2040 | 2040 | 2040 |
| Revolutions | rpm | 190 | 190 | 170 | 215 | 215 | 215 | 215 |
| Penetration rate ¹⁾ | mm/min | 295 | 275 | 260 | 425 | 425 | 425 | 425 |
| Hose connection | mm | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| Vibration level 3 axes (ISO 20643) | m/s ² | 23,2 | 23,2 | 9,7 | 21,2 | 21,2 | 21,2 | 21,2 |
| Sound power level guaranteed (2000/14/EC) | Lw, dB(A) | 119 | 112 | 113 | 116 | 116 | 116 | 112 |
| Sound pressure level (ISO 11203) | Lp, r=1m | 106 | 99 | 100 | 106 | 106 | 106 | 99 |
| Shank size | mm | 22x108 | 22x108 | 22x108 | 22x108 | 22x108 | 22x108 | 22x108 |
| Part number | | 8311 0301 29 | 8311 0301 37 | 8311 0301 78 | 8311 0302 86 | 8311 0302 77 | 8937 1210 02 | 8311 0302 87 |

Data at 6 bar (90 psi) air pressure

1) In granite, drilling with 32 mm at 6 bar

E = vibro-reduced handles

S = silenced

*Available only for India

Pneumatic combi drills/hammers

Applications depending on weight class:

- 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



| Pneumatic combi drills/hammers | | DKR 36 | DKR 36R |
|---|------------------|--------------------------------------|--------------------------------------|
| Weight | kg | 4,5 | 4,5 |
| Length | mm | 375 | 375 |
| Air consumption at 6 bar | l/s | 10 | 10 |
| Impact rate | blows/min | 2820 | 2820 |
| Revolutions | rpm | 250 | 250 |
| Penetration rate | mm/min | 180 ¹⁾ /160 ²⁾ | 180 ¹⁾ /160 ²⁾ |
| Hose connection | mm | 19 | 19 |
| Vibration level 3 axes (ISO 28927-10) | m/s ² | 20,2 (breaking) 21,2 (drilling) | 20,2 (breaking) 21,2 (drilling) |
| Sound power level guaranteed (2000/14/EC) | Lw, dB(A) | 103 | 103 |
| Sound pressure level (ISO 11203) | Lp, r=1m | 88 | 88 |
| Shank size | mm | R19xH14,7x89 | R19x95 |
| Part number | | 8463 0103 60 | 8463 0103 50 |

Data at 6 bar (90 psi) air pressure.

¹⁾ 19 mm drill in granite

²⁾ 19 mm drill in concrete

Pneumatic rock drills – Stoppers

Applications:

- Raise driving
- Screening



| Stoppers | | BBD 46WS-8 |
|---|------------------------|--------------|
| Hole range | mm | 27-41 |
| Weight | kg | 40 |
| Length retracted | mm | 1650 |
| Length extracted | mm | 2620 |
| Air consumption | l/s | 90 |
| Impact rate | bpm | 3000 |
| Piston diameter | mm | 75 |
| Stroke length | mm | 45 |
| Vibration level 3 axes (ISO 20643) | m/s ² | 10 |
| Sound power level guaranteed (2000/14/EC) | L _w , dB(A) | 124 |
| Sound pressure level (ISO 11203) | L _p , r=1m | 121 |
| Part number | | 8311 0202 11 |

Data at 6 bar (90 psi) air pressure



Underground pneumatic rock drills

Applications:

- Raise driving and bolting
- Screening

Features:

- High quality, designed for production drilling
- Built-in water flushing



| Rock drills | | BBC 16W | BBC 34W | BBD 94W | BBD 94WS | RH 656 4W* |
|---|------------------|--------------|--------------|--------------|--------------|--------------|
| Hole range | mm | 27-41 | 27-41 | 27-41 | 27-41 | 27-41 |
| Weight | kg | 28,5 | 33,5 | 28 | 31 | 22 |
| Length | mm | 705 | 775 | 670 | 670 | 658 |
| Air consumption | l/s | 69 | 88 | 97 | 97 | 48 |
| Impact rate | blows/min | 2340 | 2280 | 3300 | 3300 | 2040 |
| Piston diameter | mm | 70 | 80 | 90 | 90 | 65 |
| Stroke length | mm | 55 | 70 | 45 | 45 | 59 |
| Vibration level 3 axes (ISO 5349-2) | m/s ² | 16,6 | 20,4 | 15 | 15 | 21,2 |
| Sound power level guaranteed (2000/14/EC) | Lw, dB(A) | 122 | 127 | 125 | 125 | 120 |
| Sound pressure level (ISO 11203) | Lp, r=1m | 111 | 116 | 114 | 114 | 115 |
| Part number | | 8311 0401 10 | 8311 0408 05 | 8311 0206 09 | 8311 0206 12 | 8311 0302 02 |

Data at 6 bar (90 psi) air pressure

*Available only for India

Pneumatic rock drills – pusher legs

Applications:

- Underground horizontal drilling

Features:

- High quality, designed for production drilling
- Single or double telescopic pusher legs



| Pusher legs | | BMT 51 | ALF 71 | ALF 71-1 | ALF 72D | ALF 72D-1 | BMK 62S |
|--------------------------|----|--------------|--------------|--------------|--------------|--------------|--------------|
| Telescope | | Single | Single | Single | Single | Single | Single |
| Suitable for rock drill: | | BBC 16W, 34W | BBC 16W, 34W | BBC 16W, 34W | BBD 94W | BBD 94W | RH 656W |
| Feeding length | mm | 1300 | 1300 | 950 | 1300 | 1200 | 1300 |
| Length retracted | mm | 1658 | 1805 | 1455 | 1970 | 1830 | 1815 |
| Length extracted | mm | 2958 | 3105 | 2405 | 3270 | 3030 | 3115 |
| Weight | kg | 15 | 14 | 13 | 19 | 16 | 17 |
| Cylinder Bore | mm | 60 | 70 | 70 | 70 | 70 | 53 |
| Part number | | 8321 0301 01 | 8321 0201 94 | 8321 0201 95 | 8321 0201 80 | 8321 0201 81 | 8321 0102 02 |

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

Rig-mounted pneumatic rock drills

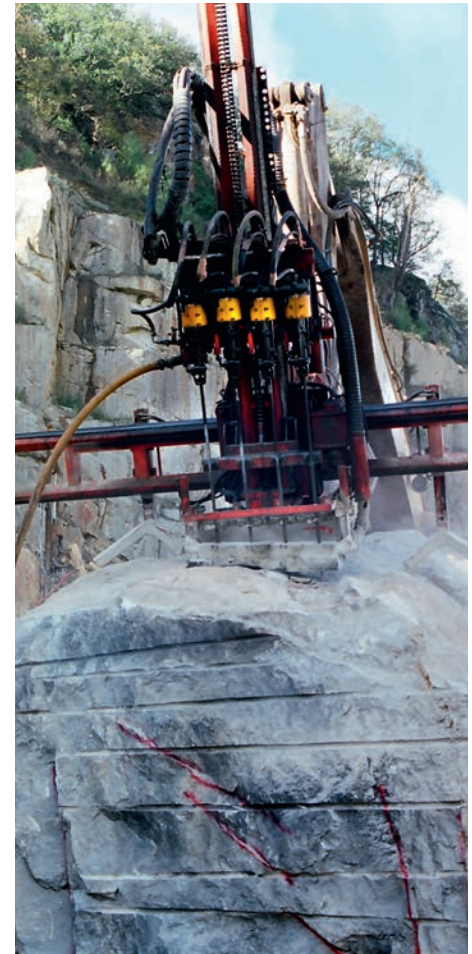
Applications depending on weight class:

- Dimension stone industry (DSI)
- Marble and granite quarries
- Cable or chain feed drilling

Features:

- Efficient air flushing
- Can be converted to water flushing
- Production drilling

| Rig-mounted rock drills | | BBD 94-DSI |
|---|-----------|--------------|
| Weight | kg | 26 |
| Length | mm | 670 |
| Air consumption | l/s | 97 |
| Impact rate | bpm | 3300 |
| Piston diameter | mm | 90 |
| Stroke length | mm | 45 |
| Vibration level 3 axes (ISO 20642) | m/s^2 | 15 |
| Sound power level guaranteed (2000/14/EC) | Lw, dB(A) | 125 |
| Sound pressure level (ISO 11203) | Lp, r=1m | 114 |
| Part number | | 8311 0206 10 |



Pneumatic dust collector

Breaking is a dirty job but with a dust collector, the operator is protected against the most harmful dust. Atlas Copco's pneumatic dust collectors use vacuum technology to efficiently remove dust directly at the source and keep the silica dust level on your construction site below the permissible exposure limit. They work indoors as well as outdoors. They don't require power, only a reliable source of compressed air.

Features:

- Simple set-up and operation
- Recyclable collection bags
- Semi-automatic filter cleaning mechanism
- Will last an 8-hour shift
- Trolley version available

NEW

| Pneumatic dust collector | | DCP 10 | DCP 30 |
|--|------------------------|--------------|--------------|
| Weight including tripod stand | kg | 26 | 38 |
| Air Consumption at 6 bar (Single tool) | l/s | 7,6 | 7,6 |
| Air Consumption at 6 bar (Two tools) | l/s | 14,7 | 21 |
| Air Consumption at 6 bar (Three tools) | l/s | NA | 27 |
| Vacuum Suction | mm of H ₂ O | 1340 | 1340 |
| Air inlet connection compatible for US Claw coupling | mm | 19 | 19 |
| Suction hose | mm | 38 | 38 |
| Filter surface area | m ² | 2,5 | 4 |
| Collection sack, flat dimensions | mm | 560 X 700 | 570 x 720 |
| Diameter of Housing unit | mm | 360 | 450 |
| Height of Housing unit | mm | 760 | 812 |
| Height above ground | mm | 1508 | 1550 |
| Part number | | 8311 0325 15 | 8311 0325 19 |



Available kits: DCP 10, part number 8311032515 (1), DCP 10 rock drill kit, part number 8311032520, DCP 10 Two Tool kit, part number 8311032518 (2)
For two tool operation : (1) and (2) to be ordered together. (1) is suitable only for single tool operation

Impact wrenches and needle scalars

Our impact wrenches and needle scalars simply plug in to your compressor and let you handle the toughest jobs. Impact wrenches are suitable for material maintenance. Needle scalars are perfect for cleaning concrete before reworking it. Made of light but robust materials, with excellent ergonomics and low vibration levels, these compact tools make heavy construction work easy.



| | | NEW | NEW | NEW |
|-------------------|-------|--------------------|--------------|--------------|
| Impact wrenches | | TEX 290W | TEX 291W | TEX 292W |
| Bolt size max | mm | M13 | M16 | M30 |
| Square drive size | in | 3/8" | 1/2" | 3/4" |
| Torque-forward | Nm | 310 | 710 | 1400 |
| Torque-Reverse | Nm | 500 | 1000 | 1500 |
| Torque range | Nm | 150-400 | 200-800 | 300-1500 |
| Free speed | r/min | 6500 | 7700 | 5500 |
| Weight | kg | 1,24 | 1,98 | 3,24 |
| Air Consumption | l/s | 17 | 18 | 27 |
| Recc. Hose Size | mm | 10 | 10 | 13 |
| Air inlet thread | BSP | 1/4" | 1/4" | 3/8" |
| Model type | | Pistol handle type | | |
| Impact | | Twin hammer | | |
| Part no. | | 8461 0250 01 | 8461 0250 02 | 8461 0250 03 |

| | | NEW |
|------------------|-----|--------------|
| Needle scalar | | TEX 01N |
| Blows | Hz | 40 |
| Stroke | mm | 11 |
| Length | mm | 370 |
| Weight | kg | 2,35 |
| Air Consumption | l/s | 2 |
| Recc. Hose Size | mm | 10 |
| Air inlet thread | BSP | 1/4" |
| Part no. | | 8461 0250 04 |



Scabblers

Working concrete has never been easier, thanks to Atlas Copco's lightweight and compact scabblers. They are equipped with tungsten carbide tipped pistons. All models have three pistons mounted in line of which the cycling occurs due to the air porting arrangements in the piston assembly.

Applications:

- Concrete cleaning and roughening
- Keying the surface of construction joints
- Produce ornamental or contrasting finishes on concrete surfaces

Features:

- Back head grip, gives in-line thrust
- Chamfered cylinder block increases visibility to the work surface



| Scabblers | | SBL 05 | SBL 06 | SBL 06 PE |
|---------------------------------------|------------------|--------------|--------------|--------------|
| Weight | kg | 4,5 | 5,3 | 6,8 |
| Length | mm | 280 | 470 | 470 |
| Number of pistons | | 3 | 3 | 3 |
| Vibration level 3 axes (ISO 28927-10) | m/s ² | 12,8 | 23,1 | 7,1 |
| Air consumption | l/s | 13 | 13 | 13 |
| Impact rate | bpm | 2500 | 3000 | 3000 |
| Sound pressure level (150 11203) | dB(A) | 9 | 95 | 97 |
| Hose connection | mm | 12,7 | 12,7 | 12,7 |
| Part number | | 8461 0250 13 | 8461 0250 11 | 8461 0250 12 |

Tampers

Our pneumatic tampers are your go-to tool for compacting jobs, even for tough soil types like clay. Lightweight and ergonomic, these powerful backfill tampers can be operated by a single person.

Applications:

- Compact soil around foundations and other structures
- Compacting backfill in trenches

Features:

- Maximum power – slow powerful blows efficiently and quickly compact all types of backfill, including clay and soils containing high percentages of finely crushed or powdered material
- Heat-treated cylinder and chrome plated piston significantly extend tool life
- Aluminum butt held with clamp screw for quick, easy replacement
- Exhaust deflector directs air, moisture and oil away from the operator
- Integral oiler for continuous lubrication

| Tampers | | TAM 14 | TAM 19 |
|-------------------------------------|------------------|--------------|--------------|
| Weight | kg | 13,6 | 19 |
| Length | mm | 1320 | 1270 |
| Body diameter | mm | 71,4 | 98,4 |
| Butt size | mm | 127 | 158,8 |
| Air consumption | l/s | 8,4 | 13 |
| impact frequency | bpm | 800 | 780 |
| Vibration level 3 axes (l SO 20643) | m/s ² | 32,3 | 44,8 |
| Sound pressure level (150 11203) | dB(A) | 95 | 94 |
| Hose connection | mm | 12,7 | 19 |
| Part number | | 8461 0250 14 | 8461 0250 15 |



Chipping hammer kits

| Kit Item Number | kit Description | Component in Kit | Component Description |
|-----------------|-----------------|------------------|----------------------------------|
| 8461 0208 02 | TEX 03PS KIT | 3083 3220 00 | Moil point hex 19 x 50 mm |
| | | 3083 3222 00 | Narrow chisel hex 19 x 50 mm |
| | | 3310 1206 00 | Storage box |
| | | 3310 1624 00 | Product label |
| | | 8099 0202 40 | Breaker and hammer air-oil 250ml |
| | | 8461 0208 01 | TEX 03 PS h19 x 50 |
| | | 9030 2043 00 | Rubber hose TEX 3/05 (PM) |
| 8461 0219 02 | TEX 05P KIT | 3083 3220 00 | Moil point hex 19 x 50 mm |
| | | 3083 3222 00 | Narrow chisel hex 19 x 50 mm |
| | | 3310 1206 00 | Storage box |
| | | 8099 0202 40 | Breaker and hammer air-oil 250ml |
| | | 8461 0219 00 | TEX 05 P h19 x 50 |
| | | 9030 2043 00 | Rubber hose TEX 3/05 (PM) |
| 8381 0200 33 | TEX 05P KIT | 3083 3220 00 | Moil point hex 19 x 50 mm |
| | | 3083 3222 00 | Narrow chisel hex 19 x 50 mm |
| | | 8461 0219 00 | TEX 05 P h19 x 50 |
| 8381 0200 38 | TEX 10PS KL KIT | 3083 3242 00 | Moil point hex 22 x 82.5 mm |
| | | 3083 3244 00 | Narrow chisel hex 22 x 82.5 mm |
| | | 8461 0211 32 | TEX 10 PS KL h22 x 82.5 |
| 8381 0200 40 | TEX 12PS KIT | 3083 3242 00 | Moil point hex 22 x 82.5 mm |
| | | 3083 3244 00 | Narrow chisel hex 22 x 82.5 mm |
| | | 8461 0211 13 | TEX 12 PS h22 x 82.5 |
| 8381 0200 41 | TEX 12PS KL KIT | 3083 3242 00 | Moil point hex 22 x 82.5 mm |
| | | 3083 3244 00 | Narrow chisel hex 22 x 82.5 mm |
| | | 8461 0211 12 | TEX 12 PS KL, 22x82.5 |

Breaker Kits

| Kit Item Number | kit Description | Component in Kit | Component Description |
|-----------------|-----------------|------------------|-------------------------------|
| 8381 0200 56 | TEX P60S KIT | 3083 3206 00 | Moil point hex 32 x 160 mm |
| | | 3083 3209 00 | Narrow chisel hex 32 x 160 mm |
| | | 8099 0202 36 | Breaker and hammer air-oil 1l |
| | | 8461 0227 23 | TEX P60S, 32x160 |
| | | 3083 3206 00 | Moil point hex 32 x 160 mm |
| 8381 0200 58 | TEX P90S KIT | 3083 3209 00 | Narrow chisel hex 32 x 160 mm |
| | | 8099 0202 36 | Breaker and hammer air-oil 1l |
| | | 8461 0228 23 | TEX P90S, 32x160 |
| | | 3083 3206 00 | Moil point hex 32 x 160 mm |

Nomenclature – Handheld Pneumatic Tools

| ABB. | DESCRIPTION |
|------|-------------------------------------|
| H | Hexagonal Bushings |
| P | Pneumatic (Non Silenced) |
| S | Silenced Version |
| E | Ergonomic Handle Version |
| KL | Kick Latch Retainer |
| R | Round Bushings |
| D | D handle |
| C | Clockwise Rotation |
| T | T Handle |
| L | Latch Retainer |
| US | United States of America Model only |
| EXT | External Trigger |
| SVR | Silenced & Vibration Reduced Model |
| DSI | Dimension Stone Industry |

| ABB. | DESCRIPTION |
|------|---------------------------------|
| CH | Chipping Hammer Handle |
| IT | Internal Trigger |
| OT | Outside Trigger |
| W | Water Flushing System |
| SPDR | Spike Driver |
| P | Pistol Grip Handle |
| SQ | Square Bushings |
| RR | Reverse Rotation |
| A | Rotation on/off |
| C | Drilling Only |
| F | Rotation on/off Spline Coupling |
| Dry | Only Air flushing |
| Wet | Wet Flushing |

Handheld hydraulic tools



Handheld hydraulic tools

Hydraulic tools pack lots of power in a small machine: perfect if you find yourself working in cramped spaces or overhead. You'll also find our hydraulic tools tackling emergency interventions in high dense traffic areas and airports .

Clever design, with few moving parts that are continuously lubricated, means minimal wear and little maintenance. Their closed-loop design keeps out dirt and moisture, so no job is too rough for these tools.

Pair your hydraulic breaker up with a compact power pack, available in fuel and electric versions and you are ready to take on any job.

- Flexible and compact system
- Excellent power-to-weight ratio
- Suitable for indoor use, in any condition and even under water
- Continuous lubrication for minimal wear
- Few parts and completely closed-loop



Powerpack and Tools Selection Guide

| Powerpack | | LP 9-20P | LP 13-30P | LP 18-30PE | LP 18-40PE | LP 18 TwinPE | LP 9-20E |
|--------------|----------------|----------|-----------|------------|------------|--------------|----------|
| Engine | | 9 HP | 13 HP | 18 HP | 18 HP | 18 HP | 9 HP |
| EHTMA Class | | C | C/D | C/D | C/D/E | C/E | C |
| Breaker | LH11 | x | | | | | x |
| | LH190E | x | | | | | x |
| | LH230E | x | x | x | | | x |
| | LH280E | x | x | x | | | x |
| | LH400E | | x | x | x | x | |
| Core Drills | LCD500/LCD1500 | x | x | x | | | x |
| Cut-off Saw | LS14 | x | x | x | | | x |
| | LS16 | x | x | x | x | x | x |
| Post Drivers | LPD-LD-T | x | | | | | x |
| | LPD-T/RV | x | x | x | | | x |
| | LPD-HD-T/RV | x | x | x | x | x | |
| Post Puller | LPP 10 HD | x | x | x | x | x | x |

Hydraulic standard hammer and breakers

Applications:

- Breaking light concrete and brickwork (LH 11)

Features:

- Low noise levels
- Slim design
- High power to weight ratio
- No exhaust or emission
- No additional lubrication needed
- No freezing



| Hammer and breakers | | LH 11 |
|---|------------------|--------------|
| Weight | kg | 15,5 |
| Length | mm | 650 |
| Oil flow | l/min | 20 |
| Working pressure | bar | 80-100 |
| Max back pressure | bar | 10 |
| Impact rate | blows/min | 2300 |
| Vibration level 3 axes (ISO 28927-10) | m/s ² | 16,5 |
| Sound power level guaranteed (2000/14/EC) | Lw, dB(A) | 105 |
| Sound pressure level (ISO 11203) | Lp, r=1m | 93 |
| EHTMA class | | C |
| Part number | | LH 11 |
| Hex 22x82,5 | | 1801 1741 18 |

Vibro-reduced hydraulic breakers

Applications:

- Medium and hard materials like asphalt and concrete

Features:

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



| Breakers | | LH 190 E | LH 230 E | LH 280 E | LH 400 E |
|---|------------------|----------|-----------|-----------|-----------|
| Weight ¹⁾ | kg | 25 | 28 | 32,5 | 39 |
| Length ²⁾ | mm | 650 | 735 | 765 | 765 |
| Oil flow | l/min | 20 | 20-30 | 20-30 | 30-40 |
| Working pressure | bar | 95-110 | 105-125 | 110-125 | 110-125 |
| Max back pressure | bar | 10 | 15 | 15 | 15 |
| Impact rate | blows/min | 1400 | 1500-2100 | 1350-1750 | 1150-1600 |
| Vibration level 3 axes (ISO 28927-10) | m/s ² | 5 | 4,6 | 4,6 | 5,4 |
| Sound power level guaranteed (2000/14/EC) | Lw, dB(A) | 106 | 107 | 107 | 106 |
| Sound pressure level (ISO 11203) | Lp, r=1m | 93 | 94 | 95 | 93 |
| EHTMA class | | C | C/D | C/D | D/E |

| Part number | LH 190 E | LH 230 E | LH 280 E | LH 400 E |
|-------------|--------------|--------------|--------------|--------------|
| Hex 25x108 | 1801 3443 41 | 1801 3543 51 | - | - |
| Hex 28x152 | 1801 3443 42 | 1801 3543 52 | 1801 3643 60 | 1801 3743 68 |
| Hex 28x160 | 1801 3443 43 | 1801 3543 53 | 1801 3643 61 | 1801 3743 69 |
| Hex 32x152 | 1801 3443 44 | 1801 3543 54 | 1801 3643 62 | 1801 3743 70 |
| Hex 32x160 | 1801 3443 45 | 1801 3543 17 | 1801 3643 63 | 1801 3743 71 |

¹⁾ LH 190 E with Hex 25, LH 230 E, LH 280 E and LH 400 E with Hex 32.

²⁾ Lengths for LH 190 E with Hex 25, LH 230 E, LH 280 E, LH 400 E with Hex 32

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 efficiently 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



| Core drills | | LCD 500 | LCD 1500 |
|--------------------------------------|------------------|--------------|--------------|
| Weight including hoses | kg | 9,5 | 9 |
| Oil flow rate | l/min | 20-30 | 20-30 |
| Length without drill | mm | 414 | 406 |
| Working pressure | bar | 60-120 | 60-120 |
| Revolutions | rpm | 600-900 | 1500-2250 |
| Drill diameter | mm | 50-202 | 12-75 |
| Thread female (drive) ¹⁾ | | ½" BSP | ½" BSP |
| Vibration level 3 axes (ISO 28927-5) | m/s ² | 3,1 | 2,7 |
| Sound pressure level (ISO 11203) | Lp, r=1m | <70 | <70 |
| EHTMA class | | C/D | C/D |
| Part number | | 1806 1014 38 | 1806 1014 39 |

¹⁾ 1/2" BSP male x 1 1/4 UNC male drive adaptor included for use of larger diameter core bits.

Hydraulic cut-off saws

Applications:

- Cutting depth of 133-160 mm
- 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
- Good power-to-weight ratio
- Compact and slim design



| Cut-off saws | | LS 14 | LS 16 |
|---|------------------|--------------|--------------|
| Weight including hoses | kg | 12 | 13 |
| Oil flow | l/min | 20-30 | 20-40 |
| Maximum pressure | bar | 172 | 172 |
| 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 |
| Vibration level 3 axes (ISO 28927-8) 20 lpm | m/s ² | 4,9 | 4,9 |
| Sound power level guaranteed (2000/14/EC) | Lw, dB(A) | 108 | 116 |
| Sound pressure level (ISO 11203) | Lp, r=1m | 94 | 102 |
| EHTMA class | | C/D | C/D/E |
| Part number | | 1809 0140 01 | 1809 0160 00 |

Also available: LSC cart for cut-off saw, part number 1809001001

Hydraulic post and ground rod drivers

Applications:

- Drives up to 150 mm diameter poles
- For driving of:
 - Road barriers
 - Tubes / profiles
 - Signposts
 - Fences
 - Anchors
 - Ground rod

Features:

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

Options:

- Adaptors driving heads
- Kits



| Post drivers | | LPD-LD-T | LPD-T | LPD-RV | LPD-HD-T | LPD-HD-RV |
|--|------------------|------------------|------------------|------------------------|------------------|------------------------|
| Activation type | | By trigger lever | By trigger lever | By remote valve | By trigger lever | By remote valve |
| Hydraulic system | | Open centre | Open centre | Open- or closed-centre | Open centre | Open- or closed-centre |
| Weight including hoses | kg | 17,5 | 32 | 33 | 39 | 40 |
| Driving capacity ¹⁾ | mm | 10-60 | 40-100 | 40-100 | 70-150 | 70-150 |
| Working pressure | bar | 80-100 | 105-140 | 105-140 | 105-125 | 105-125 |
| Oil flow | l/min | 20 | 20-30 | 20-30 | 28-40 | 28-40 |
| Impact rate | blows/min | 2300 (20l/min) | 1680 (30l/min) | 1680 (30l/min) | 1320 (30l/min) | 1320 (30l/min) |
| Hydraulic ports | | ½" BSP | ½" BSP | ½" BSP | ½" BSP | ½" BSP |
| Vibration level 3 axes (ISO 28927-10) 20 lpm ¹⁾ | m/s ² | 17,5 | 12,8 | - | - | - |
| Sound power level guaranteed (2000/14/EC) | Lw, dB(A) | 116 | 115 | 115 | 118 | 118 |
| Sound pressure level (ISO 11203) | Lp, r=1m | 102 | 102 | 102 | 105 | 105 |
| EHTMA class | | C | C/D | C/D | D/E | D/E |
| Part number | | 1801 3940 06 | 1801 4040 02 | 1801 4050 02 | 1801 4140 00 | 1801 4150 00 |

¹⁾ Depending on ground condition

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



| Post puller | | LPP 10 HD |
|----------------------------------|-------|--------------|
| Weight | kg | 60 |
| Oil flow | l/min | 20-40 |
| Max. working pressure | bar | 172 |
| Max. back pressure | bar | 30 |
| Lift capacity per stroke | mm | 12-200 |
| Pulling force | kg | 6000 |
| Full pulling force ¹⁾ | kg | 10000 |
| EHTMA class | | C/D/E |
| Part number | | 1801 8100 03 |

¹⁾ Lever kit, part number 3371 8101 48

Hydraulic power packs

Features:

- Portable, compact and lightweight
- High efficiency, low noise and low fuel consumption thanks to Power On Demand function (available with selected models only)
- 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



| Power packs | | LP 9-20 P ¹⁾ | LP 13-30 P ¹⁾ | LP 18-30 PE ²⁾ | LP 18-40 PE ²⁾ | LP 18 Twin PE ²⁾ | LP 9-20 E |
|---|-----------|-------------------------|--------------------------|---------------------------|---------------------------|-----------------------------|------------------------|
| Fuel | | Petrol | Petrol | Petrol | Petrol | Petrol | Electric |
| Engine | | 9 HP Honda | 13 HP Honda | 18 HP B&S Vanguard | 18 HP B&S Vanguard | 18 HP B&S Vanguard | 5,5 kW/ 3x400 V/16A |
| Weight (incl oil) | kg | 80 | 91 | 119 | 119 | 123 | 73 |
| Dimensions (LxWxH) | mm | 630x530x640 | 745x600x705 | 790x605x745 | 790x605x745 | 755x700x720 | 630x530x640 |
| Oil flow | l/min | 20 | 20-30 | 20-30 | 20-40 | 2x20/ 1x40 | 20 |
| Maximum pressure | bar | 150 | 150 | 172 | 145 | 145 | 150 |
| Fuel capacity | l | 6 | 6,5 | 8,5 | 8,5 | 8,5 | - |
| Hose included | | YES | YES | NO | NO | NO | NO |
| Power on Demand (POD) | | YES | YES | NO | NO | YES | NO |
| Oil control: engine oil | | YES | YES | YES | YES | YES | NO |
| Electric start | | NO | NO | YES | YES | YES | YES |
| Sound power level guaranteed (2000/14/EC) | Lw, dB(A) | 101 | 101 | 101 | 101 | 101 | 96 |
| Sound pressure level (ISO 11203) | Lp, r=1m | 87 | 89 | 88 | 89 | 89 | 82 |
| EHTMA class | | C | C/D | C/D | C/D/E | C/E | C |
| Part number | | 1807 0080 50 | 1807011032 | 1807 0160 41 | 1807 0160 38 | 1807 0160 16 | 1807 0080 52 |

¹⁾ Extension twin-hose comes as standard with LP 9-20 P and LP 13-30 P.

²⁾ Available until stock lasts. New product coming soon.

Nomenclature – Handheld hydraulics tools

| ABB. | DESCRIPTION |
|------|-------------------------------------|
| H | Hexagonal Bushings |
| P | Pneumatic (Non Silenced) |
| S | Silenced Version |
| E | Ergonomic Handle Version |
| KL | Kick Latch Retainer |
| R | Round Bushings |
| D | D handle |
| C | Clockwise Rotation |
| T | T Handle |
| L | Latch Retainer |
| US | United States of America Model only |
| T | External Trigger |
| RV | Remote Valve operated |
| LD | Light Duty |
| HD | Heavy Duty |

Handheld petrol drill and breakers



Handheld petrol drill and breakers

A petrol-driven tool is a matter of grab and go. This completely autonomous system is perfect for remote locations and hard-to-get places. Forget hoses, cables or compressors: Atlas Copco's Cobra tools are immediately ready for action.

HAPS™ technology minimizes vibration, so you can get more work done in a day, in a safe way. Noise and emissions are also kept to a minimum.

Our three Cobra models:

- **PROi:** a heavy hitter that clocks up an incredible 60 joules at the tool tip
- **TTe:** specifically designed for tie tamping. It works with a relatively high blow frequency and the impact energy has been optimized to prevent breaking the ballast.
- **Combi:** The Cobra combi is not only a breaker, it doubles as a powerful drill. It has a built-in flushing device, which makes this the perfect tool for drilling hard materials. Do you know another tool that drills at 30cm per minute through solid granite? And to a depth of up to 6 meters?



Motor breakers & drills (Cobra range)

Applications:

- Drilling and breaking (Cobra™ Combi)
- 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 (Cobra TTe)

Features:

- Easy to transport
- Quick set-up time
- HAPS™ Hand and Arm Protection System
- Low emissions
- Low noise

Cobra™ PROi and TTe

- Adjustable handles
- Central oil lubrication
- High impact power

Cobra™ PROi, TTe and Combi

- All models fully in compliance with latest American EPA, Phase 3 emission standard and related EU emission standards



| Cobra petrol breakers | | PROe | PROi | TTe | Combi/Pionjar 120 |
|------------------------------------|--------|--------------------------------|---------|------------|-------------------|
| Type | | breaker | breaker | tie-tamper | Breaker and drill |
| Weight | kg | 24-25 | 24-25 | 23-24 | 25 |
| Length | mm | 877-927 | 877-927 | 877-927 | 732 |
| Depth | mm | 358 | 358 | 358 | 281 |
| Width across handles | mm | 623 | 623 | 623 | 585 |
| Impact energy | Joules | 65 | 65 | 40 | 22-25 |
| Blow frequency | bpm | 1440 | 1440 | 1620 | 2700 |
| Penetration rate w 34 mm drill bit | mm/min | - | - | - | 200-300 |
| Max drilling depth | m | - | - | - | 2 |
| Drill rotation speed | rpm | - | - | - | 250 |
| Engine | | | | | |
| Engine type | | 1 cylinder, 2-stroke | | | |
| Cylinder displacement | cc | 90 | 90 | 90 | 185 |
| Power | kW | 2 | 2 | 1.5 | 2 |
| Cooling system | | Fan cooled | | | |
| Starter system | | Recoil starter | | | Magnapull |
| Fuel type | | Petrol, 90-100 octane unleaded | | | |
| Fuel capacity | l | 1 | 1 | 1 | 1.2 |
| Fuel mixture | % | 2 | 2 | 2 | 2 |
| Fuel consumption | l/hour | 0.85 | 0.85 | 0.8 | 1,3-1,5 |
| Oil-type (Atlas Copco) | | 2-stroke oil or similar | | | |
| Alkylate | | Yes | | | No |

| Vibration and sound | | PROe | PROi | TTe | Combi/Pionjar 120 |
|---|------------------|------|------|------|--------------------------------|
| Vibration level 3 axes (ISO 28927-10) | m/s ² | 3,3 | 3,3 | 3, 8 | 5,8 (breaking), 9,3 (drilling) |
| Sound power level guaranteed (2000/14/EC) | Lw, dB(A) | 109 | 109 | 109 | 108 |
| Sound pressure level (ISO 11203) | Lp, r=1m, dB(A) | 97 | 97 | 97 | 95 |

Full dimension details are available in the product's Safety and Operating Instructions (Part number: 9800 0955 90). Available at www.acprintshop.com

Motor breakers & drills (Cobra range)

| Shank size (H) | PROe | PROi | TTe | Combi/Pionjar 120 |
|---|--------------|--------------|--------------|-------------------|
| 22 x 108 mm (Cobra Combi in military green version) | - | - | - | 8318 0800 13 |
| 22 x 108 mm | - | - | - | 8318 0800 08 |
| 25 x 108 mm | 8318 0701 09 | 8318 0702 09 | 8318 0701 19 | - |
| 28 x 160 mm | 8318 0701 05 | 8318 0702 05 | 8318 0701 15 | - |
| 28 x 160 mm (heavy duty metal chuck bushing) | 8318 0703 10 | 8318 0702 71 | - | - |
| 32 x 160 mm | 8318 0701 01 | 8318 0702 01 | 8318 0701 11 | - |
| 32 x 160 mm (heavy duty metal chuck bushing) | 8318 0703 00 | 8318 0702 68 | - | - |
| 32 x 160 mm (China only heavy duty metal chuck bushing) | 8318 0703 06 | 8318 0702 42 | 8318 0701 22 | - |

Nomenclature – Handheld petrol drill and breakers

| ABB. | DESCRIPTION |
|------|--|
| i | Gasoline Engine with Electronic Fuel Injection |
| e | Gasoline engine with Carburettor |

Cobra Kits

| Kit Item Number | kit Description | Component in Kit | Component Description |
|-----------------|-----------------------|------------------|--------------------------------|
| 8318 0700 98 | Cobra TTe kit 32x160 | 3083 3217 00 | Tie tamper hex 32 x 160 mm |
| | | 8318 0701 11 | Cobra TTe 32X160 |
| | | 9234 0009 91 | Transport box Cobra Pro/TT |
| 8318 0702 52 | Cobra PROi kit 32x160 | 3083 3208 00 | Narrow chisel hex 32 x 160 mm |
| | | 3083 3212 00 | Asphalt cutter hex 32 x 160 mm |
| | | 8318 0702 01 | Cobra PROi 32x160 |
| | | 9234 0006 54 | Trolley Cobra/pio |
| 8318 0702 54 | Cobra PROi kit 28x160 | 3083 3274 00 | Narrow chisel hex 28 x 160 mm |
| | | 3083 3278 00 | Asphalt cutter hex 28 x 160 mm |
| | | 8318 0702 05 | Cobra PROi 28x160 |
| | | 9234 0006 54 | Trolley cobra/pio |

| Kit Item Number | kit Description | Component in Kit | Component Description |
|-----------------|--------------------------------|------------------|--|
| 8318 0800 11 | Cobra Combi 2010 with tool kit | 3083 3197 00 | Tamping pad, square 200 mm for hex 28/32 |
| | | 3083 3228 00 | Moil point hex 22 x 108 mm |
| | | 3083 3234 00 | Digging spade hex 22 x 108 mm |
| | | 3083 3235 00 | Clay spade hex 22 x 108 mm |
| | | 3083 3236 00 | Frost wedge hex 22 x 108 mm |
| | | 3083 3238 00 | Shaft hex 22 x 108 mm |
| | | 3083 3239 00 | Tamping pad, square 175 mm for hex 22/25 |
| | | 8318 0800 08 | Cobra combi 2010 |
| | | 9245 2813 51 | Wedge set (for 34 mm holes) |

Notes



Power Technique Solutions Portfolio

Atlas Copco's Power Technique Business Area has a forward-thinking philosophy. For us, creating customer value is all about anticipating and exceeding your future needs – while never compromising our environmental principles. Looking ahead and staying ahead is the only way we can ensure we are your long term partner.

Air compressors

Ready to go

- 1-5 m³/min
- 7-12 bar



Versatility

- 5,5-22 m³/min
- 7-20 bar

*Diesel and electric options available



Productivity partner

- 19-116 m³/min
- 10-345 bar



Handheld tools

Pneumatic tools

- Breakers (2,5 – 40 kg)
- Rockdrills (5 – 25 kg)
- Additional Air Tools
- Underground Rock Drills



Hydraulic tools

- Breakers (11 – 40 kg)
- Additional Hydraulic Tools
- Powerpacks



Petrol engine driven tools

- Breakers & Tie Tamper (25 kg)
- Combi Drills (23 Kg)



Generators

- Portable
- Mobile
- Industrial



*Multiple configurations available to produce power for any size application

Light towers

- Diesel LED and MH
- Electric LED
- Battery LED



Dewatering pumps

- Submersible
- Surface
- Small portable

*Diesel and electric options available



Photos and illustrations contained herein might depict products with optional and/or extra components which are not included with the standard version of the product and, therefore, are not included in a purchase of such product unless the customer specifically purchases such optional/extra components. We reserve the right to change the specifications and design of products described in this literature without notice. Not all products are available in all markets.

Atlas Copco

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www.atlascopco.com/ptba