

Paving Breakers and Chipping Hammers



Engineered to last

mac³

MAC3 Know-How

Thanks to decades of experience in compressed air technology, MAC3 controls each and every step of the manufacturing process, with aim to offer a range of powerful, efficient and ergonomic products.



ENGINEERING
Design and 3D modeling
of pneumatic hammers



MACHINING
CNC machining centers
Drilling of one-piece solid cylinder



MANUFACTURING
Assembly by qualified operators



TESTING
Performance
validation on
every hammer

From design to delivery to the end user, MAC3 makes every effort to provide solutions guaranteeing unmatched quality of its long-lasting products.

New perspectives for efficiency

MAC3 brings new opportunities for **ergonomics** and **efficiency** thanks to continuous improvement of its pneumatic tools.

★ VIBRO-REDUCED HANDLES

70% lower vibrations.

▶ Fewer vibrations limit the negative impact on the operator.

★ SILENCED

50% lower noise emissions.

▶ This reduces significantly the risks of hearing damage to the user.

★ OPTIMISED ASSEMBLY

40% fewer moving parts.

▶ It offers extended hammer life while reducing maintenance operations.

★ ENERGY EFFICIENCY

40% higher productivity.

▶ Lighter while more powerful hammers, and also small energy consumers: an operator can perform the equivalent work with lower physical impact.

Our products are designed and manufactured by skilled teams dedicated to produce reliable and efficient hammers, which guarantee unequalled ergonomics for safer work.

1 One-piece solid housing

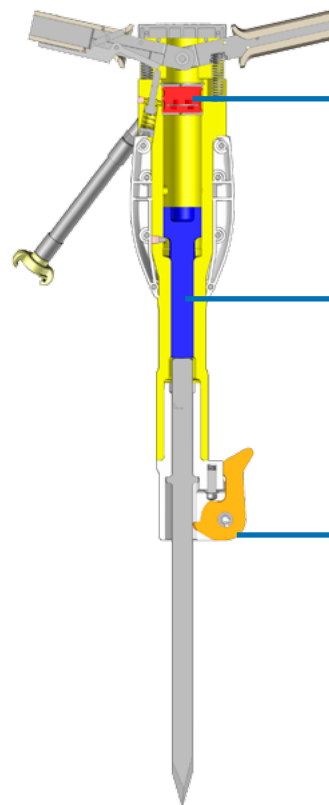
- ▶ Fewer wear parts
- ▶ Extended lifetime

2 Heat treated cylinder

- ▶ Optimal mechanical properties
- ▶ No on site lubrication

3 Nickel plated coating

- ▶ Improved protection against corrosion



4 Easy access to distribution valve

- ▶ Less maintenance downtime

5 Air-cushioned piston impact

- ▶ Higher performance
- ▶ Reliable and long-lasting
- ▶ More comfortable to operate

6 Latch or double screw threaded retainer

- ▶ Quick and safe tool changing



7 Ergonomic handle option available

- ▶ Optimal safety for operators



Paving Breakers

POWER and RELIABILITY for all medium and heavy duty demolition works in the construction sector.



BB32



BB40
with muffler

Vibro-reduced breakers

Reducing vibration impact on the operator has become a key health issue in some areas.

MAC3 vibro-reduced breakers have an equivalent impact power as a standard breaker, while significantly reducing vibrations to the operator.



BB25
vibro-reduced

Standard paving breakers

Standard breakers are available either in a basic version or in a silenced version with a slim design muffler offering a full view of the work surface while significantly reducing noise. The muffler can also be supplied in kit to be added later on a standard breaker.

Breakers with enhanced ergonomic design

MAC3 has created solutions for optimal comfort of use in parallel with improved hammer operation safety. The aim is to prevent risks of injuries to the user and to limit his exposure to workplace accidents.



★ **Hands protection:** for better safety at work, in particular in trenches, we have added hand protections to prevent damages to operator's fingers while maintaining easy breaker handling.

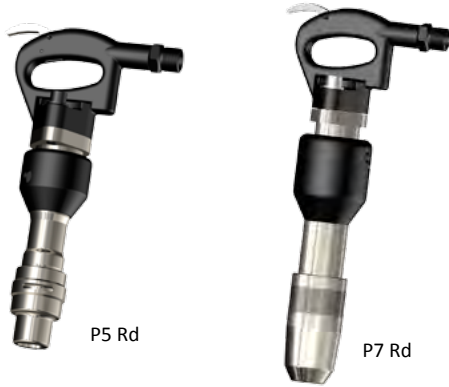
★ **Safety trigger:** to prevent from accidental action of a breaker and putting the operator in danger, MAC3 has designed a double safety control.

Model	Muffler (1)	Vibro-reduced	Hands protection	Safety device (1)	Weight		Length		Impact rate	Air consumption		Shank size		
					kg	lb	mm	in.		l/s	cfm	Type	mm	in.
BB15	●	na	○	○	17.5	38	570	22.4	1 400	20	42.4	Hex	22 x 82	7/8" x 3 1/4"
BB15	●	na	○	○	19	41	596	23.5	1 400	20	42.4	Hex	25 x 108	1" x 4 1/4"
BB20	●	●	na	○	20.9	46	660	26.0	1 300	18.3	38.8	Hex	25 x 108	1" x 4 1/4"
BB25	●	●	na	○	24.2	53	718	28.3	1 300	20	42.4	Hex	28 x 160	1 1/8" x 6"
BB25	●	●	na	○	24.2	53	718	28.3	1 300	20	42.4	Hex	32 x 160	1 1/4" x 6"
BB27	●	na	○	○	26	57.3	704	27.7	1 200	20	42.4	Hex	28 x 160	1 1/8" x 6"
BB27	●	na	○	○	26	57.3	704	27.7	1 200	20	42.4	Hex	32 x 160	1 1/4" x 6"
BB32	○	na	○	○	32	71	704	27.7	1 150	20	42.4	Hex	28 x 160	1 1/8" x 6"
BB32	○	na	○	○	32	71	704	27.7	1 150	20	42.4	Hex	32 x 160	1 1/4" x 6"
BB40	○	na	○	○	38	84	720	28.3	1 100	26.7	56.5	Hex	28 x 160	1 1/8" x 6"
BB40	○	na	○	○	38	84	720	28.3	1 100	26.7	56.5	Hex	32 x 160	1 1/4" x 6"

● = standard ; ○ = option ; na = not applicable ; (1) = mandatory in countries requiring EC-marking

Chipping hammers and Pick hammers

PRECISION and EFFICIENCY for all small and medium demolition works in the construction and mining industries.



Chipping hammers

These hammers are reliable solution for applications requiring more precision, together with good impact power.

Equipped with a "D" handle, they are available either in standard version or with safety device option preventing from accidental operation of the trigger.

MAC3 chipping hammers are fitted with a safe double-threaded screw retainer or a spring retainer for quick tool changing.

Pick hammers

Designed for applications requiring higher impact energy, MAC3 pick hammers are adapted for both horizontal and vertical positions in demolition works.

Their slim design allows easy handling, even in restrained spaces.

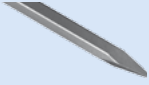




MAC3 pick hammers are fitted with either screw retainer or latch for safe and quick tool changing.



Model	Safety device (1)	Retainer type	Weight		Length		Impact rate bpm	Air consumption		Shank size		
			kg	lb	mm	in.		l/s	cfm	Type	mm	in.
P5	o	screw	5	11	354	13.9	2 800	8.3	17.6	Hex	19 x 50	3/4" x 2"
P5	o	screw	5.1	11.3	364	14.3	2 800	8.3	17.6	Con	23/16 x 70	5/8" x 2 3/4"
P5	o	spring	5	11	354	13.9	2 800	8.3	17.6	Rd	17,3	.680"
P5	o	spring	5	11	354	13.9	2 800	8.3	17.6	Hex	14,7	.580"
P5	o	screw	5.1	11.3	364	14.3	2 800	8.3	17.6	Rd	17 x 60	43/64" x 2 23/64"
P5	o	screw	6.2	13.7	392	15.4	2 800	8.3	17.6	Rd	24 x 70	15/16" x 2 3/4"
P7	o	screw	7	15.5	437	17.2	2 200	15	31.8	Rd	24 x 70	15/16" x 2 3/4"
P7	o	screw	6.8	15	422	16.6	2 200	15	31.8	Rd	23 x 70	29/32" x 2 3/4"
P7	o	screw	6.8	15	422	16.6	2 200	15	31.8	RdHex	23 x 70	29/32" x 2 3/4"
P7	o	screw	7	15.5	420	16.5	2 200	15	31.8	Hex	19 x 50	3/4" x 2"
P9	o	screw	8.6	19	460	18.1	1 800	16.7	35.4	Rd	23 x 70	29/32" x 2 3/4"
P9	o	screw	8.6	19	460	18.1	1 800	16.7	35.4	RdHex	23 x 70	29/32" x 2 3/4"
P9	o	spring	9	19.9	406	16	1 600	20	42.4	Rd	17,3	.680"
P9	o	spring	9	19.9	406	16	1 600	20	42.4	Hex	14,7	.580"
P9	o	screw	8.6	19	475	18.7	1 800	16.7	35.4	Rd	24 x 70	15/16" x 2 3/4"
P9	o	screw	8.6	19	475	18.7	1 800	16.7	35.4	Rd	25 x 75	1" x 3"
P9	o	screw	8.6	19	475	18.7	1 800	16.7	35.4	Rd	26 x 70	1 1/32" x 2 3/4"
P9	o	screw	8.6	19	458	18	1 800	16.7	35.4	Hex	19 x 50	3/4" x 2"
P9	o	latch	9.8	21.6	495	19.5	1 800	16.7	35.4	Hex	22 x 82	7/8" x 3 1/4"
P13	o	screw	12.9	28.4	529	20.8	1 500	20	42.4	Rd	26 x 70	1 1/32" x 2 3/4"
P13	o	latch	14	30.9	584	23	1 500	20	42.4	Hex	22 x 82	7/8" x 3 1/4"
P13	o	screw	13	28.7	540	21.3	1 500	20	42.4	Rd	24 x 70	15/16" x 2 3/4"
P13	o	screw	13	28.7	540	21.3	1 500	20	42.4	Rd	25 x 75	1" x 3"

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Accessories

Hammer	Type	 Moil point	 Narrow chisel	 Narrow blade	 Wide blade	 Hose coupling
P5	Hex	✓	✓	✓		✓
P5	Con	✓	✓	✓*		✓
P5	Rd	✓	✓			✓
P7	Rd	✓	✓			✓
P9	Hex	✓	✓	✓	✓	✓
P9	Rd	✓	✓			✓
P13	Hex	✓	✓	✓	✓	✓
P13	Rd	✓	✓	✓*	✓*	✓
BB	Hex	✓	✓	✓	✓	included

* = requires mounting of a specific retainer



P5 box

P5 chipping hammer
+ 1 moil point + 1 narrow chisel
+ hose coupling



Anti-freeze oil

2 L cans of anti-freeze oil
for winter conditions



Compressed Air Solutions



MAC3 is at your disposal with a large complementary offer of compressed air equipment for :

- ▶ construction site applications: **portable compressors** from 2,0 to 5,0 m³/min - 70 to 180 CFM
- ▶ sandblasting and roughcasting: 70 L **sandblaster** and **roughcasting tool**
- ▶ industrial applications: **stationary compressors** from 2 to 315 kW - 3 to 430 HP



www.mac3europe.com



Equipment complying
with EU regulation
in force.

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