

# Cobra mk1

The hardest-hitting gasoline-powered breaker



*Atlas Copco*

# 44 foot pounds of impact energy

Hitting at an incredible 44 foot pounds, the Cobra mk1 offers the same power-to-weight ratio as many pneumatic or hydraulic breakers. That's almost twice the impact energy of other gasoline-powered breakers.

## Low vibration levels

Yet despite the high impact energy, vibration levels are reduced due to a unique, patented vibration dampening system.

## High productivity

High percussive energy, in combination with high percussive frequency, means you get the job done faster. Add them up, and you'll see why the Cobra mk1 is the most productive gasoline-powered breaker on the market.

## Whatever the job

There are of course no compressors, hoses or cables to set up with a gasoline breaker making it ideal for smaller jobs. And with an extensive range of tools, you can use the Cobra mk1 for everything from cutting and breaking, to driving and compacting.

You can use the Cobra mk1 to:

- break concrete
- cut asphalt
- dig
- drive posts and fences
- drive rods and spikes
- tamp and compact soil
- tamp ballast/ties



*Cutting*



*Digging*



*Tamping*



*Breaking*



**Hand and arm protection**  
Atlas Copco's unique Hand and Arm Protection System (HAPS) reduces the negative effects of harmful vibrations.



**Long lifetime**  
The high capacity air filter ensures a long working lifetime, even when large quantities of dust and airborne particles are present. It's easy to get to the air filter for quick and easy servicing.

**Low noise**  
An effective silencer ensures that the Cobra mk1 meets the current European Noise Emission Directive (NED).

**Easy to start**  
With a decompression valve and electronic ignition, the Cobra mk1 is easy to start.

**Ships complete with**  
Chuck and shank templates, replacement spark plug and starter rope, 1 liter oil, owner's, spare parts and safety manuals, and CE declaration.

**Low emissions**  
The Cobra mk1 meets tough emission requirements, and has been EPA 1-approved.



**Vibro-reduction**  
The patented vibration-dampening system features leaf springs rather than rubber bushings or spiral springs.



**Easy to transport**  
The Cobra mk1 weighs just 55 pounds and fits easily into car trunks. A wooden transport box is available.

Model	Tool Shank	Part number
	in	
Cobra mk1	1 1/4" x 6"	8318 0700 03
Cobra mk1	1 1/8" x 6"	8318 0700 07

## Technical Data

Weight	Length	Depth	Width over handles	Sound level	Vibration level
lb	in	in	in	(Acc. to ISO 3744)	(Acc. to ISO 8662)
55	36.48	13.02	24.04	109 dB	2.3m/s <sup>2</sup>

## Capacity

Impact energy	Impact rate
foot pounds	bpm
40-44 (at 1440 bpm)	720-1440

## Engine

Type	Power	Cooling system	Starter system	Recommended fuel	Oil type	Oil mix	Fuel capacity	Fuel consumption
90 cc single cylinder two-stroke	2.7 hp (at 5800 rpm)	Fan cooled	Recoil starter	gas, 90-100 octane leaded or unleaded	Atlas Copco two-stroke oil or similar	2% (1:50)	0.26 US gallon	0.34 US gallon/hour

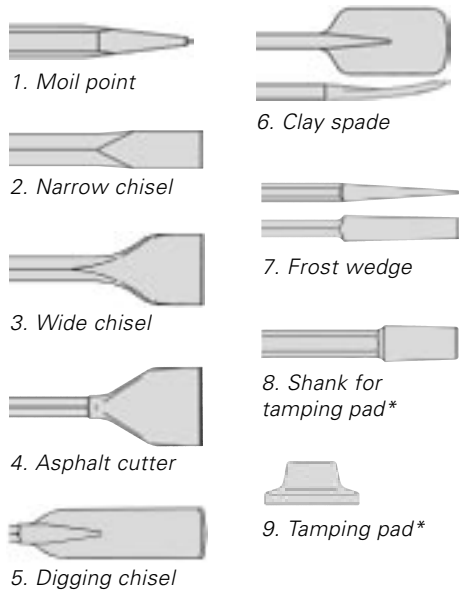
# A tool for every job

At Atlas Copco, we maintain a comprehensive range of chisels so that you can select the right tool for the job.

Atlas Copco chisels are among the hardest wearing on the market. A controlled heat treatment process imparts both strength and high wear

resistance to deep surface layers while maintaining a highly shock resistant central core to resist breakage.

The striking face is end-milled resulting in better contact between the piston and the tool, improved transfer of energy, as well as less vibration and wear on both hammer and chisel.



## Accessories

Description	Size	Part number
Gloves, gel-filled, general	XL	9800 0070 01
	XXL	9800 0098 01
Gloves, gel-filled, summer	L	9800 0434 01
	XL	9800 0435 01
Gloves, gel-filled, winter	L	9800 0290 01
	XL	9800 0291 01
2-stroke oil	1.0 litre / 0.26 gallon	9238 2743 50
Cart		9234 0006 54
Transport box		9234 0009 91

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

## Tools

	Description	Shank (in)	Blade Size (in)	Working Length (in)	Weight (lbs)	Part Number
1	Moil Point	1 1/8 x 6		14	6	3083 3267 00
				18	7	3083 4015 10
				24	9	3083 4015 20
				36	12	3083 4015 30
					7	3083 3285 00
					8	3083 4000 10
2	Narrow Chisel	1 1/8 x 6		14	6	3083 3268 00
				18	7	3083 4016 10
				24	9	3083 4016 20
				36	12	3083 4016 30
					7	3083 3286 00
					8	3083 4001 10
3	Wide Chisel	1 1/8 x 6	3 x 2	15	7	3083 3289 00
				18	8	3083 4017 00
				24	10	3083 4017 10
				36	15	3083 4017 20
					8	3083 3295 00
					10	3083 4002 00
4	Asphalt Cutter	1 1/8 x 6	5 x 6	13	9	3083 3292 00
				13	9	3083 3298 00
				15	9	3083 3297 00
5	Digging Chisel	1 1/8 x 6	3 x 9	15	9	3083 3297 00
				15	9	3083 3921 00
6	Clay Spade	1 1/8 x 6	5.5 x 9	15	12	3083 3299 00
				15	10	3083 3293 00
7	Frost Wedge	1 1/8 x 6	2 x 12	16	11	3083 3294 00
				16	12	3083 3300 00
8	Shank for Tamping pad*	1 1/8 x 6		9	4	3083 3269 00
				9	5	3083 3287 00
9	Tamping pad*		7 (diameter)	16	16	3083 3301 00
				18	18	3083 3302 00

\* choose shank size appropriate for your mk1 model (item 8)

