



Technical specifications

| Cobra mk1 | |
|--|---------------------------------|
| Length | 927 mm |
| Depth | 331 mm |
| Width over handles | 611 mm (Handles folded: 390 mm) |
| Weight | 24 kg |
| Tools shanks: 32x160 mm (1 1/4" x 6 1/4") order no. 8318 0700 01 | |
| 32x152 mm (1 1/4" x 6") order no. 8318 0700 03 | |
| 28x160 mm (1 1/8" x 6 1/4") order no. 8318 0700 05 | |
| 28x152 mm (1 1/8" x 6") order no. 8318 0700 07 | |

| Engine | |
|-----------------|---|
| Type | 90 cc single cylinder, two-stroke |
| Power | 2.0 kW (2.7 hp) at 5,800 rpm |
| Cooling system | Fan cooled, two separate systems |
| Starter system | Recoil starter |
| Ignition system | Breakerless, transistor type with built-in speed limitation |
| Fuel system | Diaphragm carburettor and prime pump |
| Fuel | Petrol, 90-100 octane, leaded or unleaded |
| Fuel mixture | 2% oil (1:50) |
| Engine oil | Atlas Copco Two-Stroke Oil or a recommended two-stroke-oil |
| Tank capacity | 1.0 l |

| Impact unit | |
|-----------------|---|
| Impact energy | 60J at 1.440 blows/min. |
| Blows/min | 720-1440 (12-24Hz). |
| Lubrication | Impact mechanism through separate oil bath. |
| Impact oil | Diesel engine oil, 15W/40, API:CD |
| Oil capacity | 0.1 l |
| Oil consumption | 0.015 l/hour. |

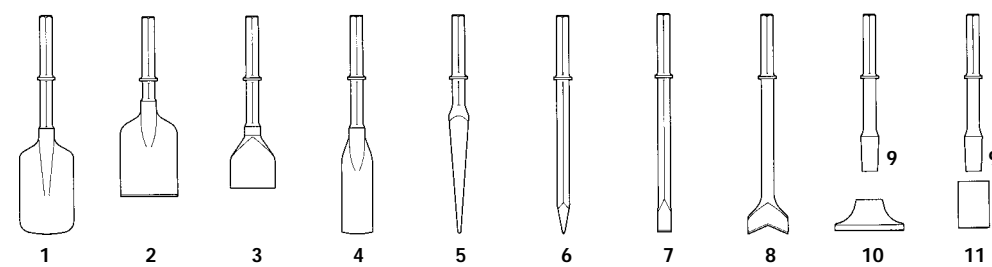


High-performance accessories

As a tool for professionals, with a wide range of labour-saving applications, the Cobra mk1 offers a comprehensive range of user-friendly accessories to lighten just about any workload.

Tools

| Designation | Shank mm | Length mm | Width mm | Weight kg | Order No. |
|-------------------|----------|-----------|----------|-----------|--------------|
| 1 Spade | 32x160 | 400 | 140 | 4.5 | 3083 3215 00 |
| 2 Asphalt chisel | 32x160 | 300 | 125 | 4.8 | 3083 3214 00 |
| 3 Asphalt chisel | 32x160 | 280 | 115 | 4.0 | 3083 3212 00 |
| 4 Digging blade | 32x160 | 400 | 80 | 3.9 | 3083 3213 00 |
| 5 Wedge | 32x160 | 400 | 40 | 4.7 | 3083 3216 00 |
| 6 Moil point | 32x160 | 400 | - | 3.4 | 3083 3205 00 |
| 7 Concrete chisel | 32x160 | 400 | 38 | 3.4 | 3083 3049 00 |
| 8 Tie tamper | 32x160 | 554 | 100 | 4.3 | 9245 2827 00 |
| 9 Shaft | 32x160 | 190 | - | 3.0 | 3083 3218 00 |
| 10 Tamper | - | - | 178 | 6.7 | 3083 3252 00 |
| 11 Hammer blank | - | 120 | 80 | 6.5 | 9245 2827 10 |



Atlas Copco: Quality and experience

Atlas Copco is a leading manufacturer of high quality machinery for construction and demolition applications. Our products are sold and serviced throughout the world by our own dedicated sales companies, in more than 60 countries, and a wide, international network of experienced local distributors.

Our products range from concrete crushers and pulverizers to breakers, pick and chipping hammers, rock drills and a variety of versatile accessories.

Our business objective is simple – to enhance our customers' productivity and profitability by designing and manufacturing machinery affording high performance, mechanical reliability and minimal maintenance requirements.

We are committed to supplying equipment that is characterised by low noise and vibration levels, minimal environmental impact, and maximum operator comfort and safety.

Cobra mk1

The 21st century solution to breaking and cutting



9800 0113 01 a



www.atlascopco.com/cto



A multi-purpose masterpiece of engineering

- Hard-hitting, 60-joule performance
- Ideal for medium-duty applications
- Low vibrations
- User-friendly
- Easy to maintain and service
- Comprehensive range of tools and accessories



Impact and flexibility

The Cobra mk1 is the hardest-hitting petrol-driven breaker on the market today. Its impact energy is an incredible 60 joules – equal to that of medium-sized pneumatic and hydraulic breakers.

Low vibration, high performance

Vibration is defined in terms of metres per second squared. The European Union has set a norm of 2.5 m/s². Thanks to its patented leaf springs, the Cobra mk1 emits a vibration level of just 2.3 m/s² – while still providing 60 joules of hard-hitting power!

Simple to operate

Easy-to-understand starting instructions have been incorporated in the top cover of the Cobra mk1, which means that they are always available when needed. The Cobra mk1 is easy to start. Whether the machine is hot or cold.

Innovative

The Cobra mk1's vibration-dampened handle frame serves a variety of purposes; one of which is to store fuel, thus keeping it separate from the heat of the engine. The handle frame also has a protective function, preventing the machine from being damaged by rough handling.



Environmentally friendly

The Cobra mk1 meets the toughest emission requirements in the world, and has been EPA 1-approved, thanks to its unique, patented motor, designed and developed in-house by Atlas Copco. An additional factor contributing to its ecological integrity is its use of a new, biologically degradable lubricant – Atlas Copco Two-Stroke Oil.

Versatile

The Cobra mk1 is ideally suited to a wide range of demanding tasks, and offers a comprehensive assortment of tools for cutting, breaking, driving, tamping and tie tamping. Thanks to its power, reliability, user-friendliness, and the ease with which it can be maintained, the Cobra mk1 has quickly become a favourite working tool for public and privately-owned utility companies, railways and not least, machine rental firms.



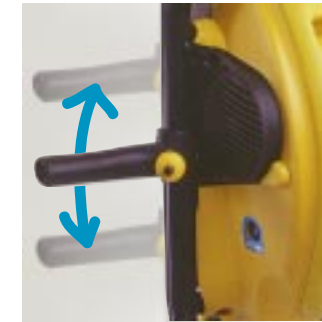
Comfortable

Atlas Copco's unique Hand and Arm Protection System helps to ensure that the user is safeguarded against the negative effects of harmful vibrations.



Unique

The Cobra mk1 features a unique, patented, vibration dampening system that fully conforms with the most stringent standards. Its secret lies in the use of leaf springs, rather than rubber bushings or spiral springs.



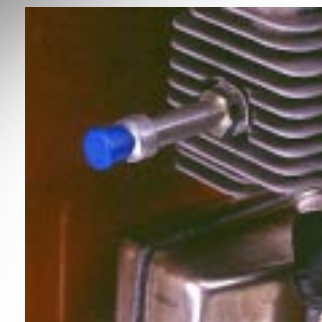
Responsive

By simply adjusting the locking nut, the handles can be easily raised or lowered for operator comfort and ease of use.



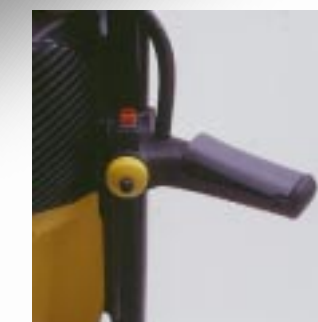
Prudent

The carburettor incorporates tamper-free locking screws, preventing inexperienced users from making faulty adjustments.



Reliable

The Cobra mk1 is easy to start, thanks to the de-compression valve and an electronic ignition system.



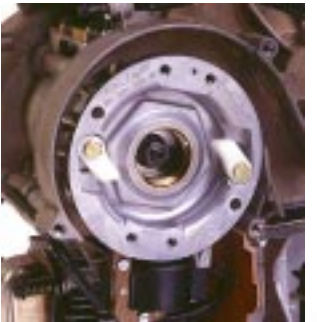
Safe

The Cobra mk1 features an easy-to-control throttle mechanism, with a stop button conveniently positioned close to the throttle for maximum safety.



Cool

Double, high capacity cooling fans make the Cobra mk1 ideal for use in hot climates.



Sensible

A built-in speed limiter, at 7500 rpm, protects the engine from over-revving, thereby reducing wear and tear and increasing its operational lifetime.



Simple

Easy-to-read user instructions are incorporated in the instrument panel.



Dust-free

The efficient, high capacity air filter helps to ensure a long working lifetime, even in extreme environments.



Handy

The Cobra mk1 comes with a spare spark plug, starter rope and five bottles of Atlas Copco two stroke oil.

