

The new SB 702

Breakthrough from our SB hydraulic breaker range



Sustainable Productivity



The new SB 702 unusually compact and easy to handle!

Does increasing a breaker's performance make it more environmentally friendly? Usually, no, but in the case of Atlas Copco's SB hydraulic breaker range, yes! Intensive research, innovative product design and our unmatched know-how in the field of breaker technology have resulted in a range of high performance hydraulic breakers with lower fuel consumption, lower vibrations and less noise.

The SB702 is a breaker with an unequalled design and performance in the 700 kg range. Its high performance makes light work of a wide range of gardening, landscaping, construction and demolition jobs.



The secret is the Solid Body concept

What makes the SB 702 unique in its class is the Solid Body concept. Thanks to a one-piece housing construction the breaker is unusually compact and easy to handle.

The percussion mechanism and guide system are integrated into a single block of steel, eliminating the need for side bolts. The integrated, maintenance-free accumulator is easily accessible yet well-protected from bangs and knocks.

Energy recovery will boost your productivity

Thanks to energy recovery, the SB 702 provides much higher percussive performance. While the impact energy remains constant, the breaker increases the blow frequency, which increases percussive performance. This, in turn, increases efficiency. And higher efficiency means higher productivity with lower fuel consumption!

Energy recovery also helps to absorb recoil, which means less wear and tear on the carrier and a higher level of comfort for the operator.

Easy to set up and service

The SB 702 works with a wide oil flow range and can therefore be installed on a broad variety of carriers. In case of a hydraulic overload, the SB 702 is protected by an integrated protection valve which prevents damage to the breaker and helps avoid downtime.

The SB 702 is easy to set up and always ready for action. It requires very little maintenance and when it needs attention, it's easy to service.

Double tool retainer bars minimize stress and wear on the working tools. Changing the working tools is easy thanks to the patented retainer bar lock system, and the floating lower bushing can be replaced by the operator on-site with standard hand tools.



A central lubrication port makes it easy to lubricate the breaker and an oil drainage port has been added through which the oil can bleed easily if needed.

Wear and dust protection

The exchangeable lower wear plate reduces wear on the hammer body and together with the scraper ring minimizes dust entering the working tool guiding area.

An active non-return valve prevents dust and grease from getting sucked in between the working tool and piston. The percussion chamber ventilation system improves the lifetime of seals, piston and working tools and enables compressed air to be applied easily to the percussion chamber. This air flushing port and a water flushing port for dust suppression allow the SB 702 to be adapted for various specific application tasks.





SB BREAKER

SB702

Carrier weight class ¹⁾	t	10,0-17,0
Service weight ²⁾	kg	720
Length without working tool	mm	1012
Oil flow rate	l/min	80-120
Operating pressure	bar	120-170
Impact rate	bpm	600-1050
Working tool diameter	mm	105
Working length of working tool	mm	570
Max. hydraulic input power	kW	34
Start up mode	-	AutoStart
Sound power level guaranteed ³⁾	dB(A)	122
Sound pressure level (r=10m) ³⁾	dB(A)	94
Part number	-	8460 0300 85

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

2) SB - Breaker with standard adapter, screw kit plus working tool

3) Important: EN ISO 3744 in accordance with directive 2000/14/EC. Full details of measurement are available in the Safety and Operating instruction of the product. It can be found on www.acprintshop.com



PART NUMBER

WORKING TOOLS LENGTH 1000 mm

WIDTH mm

3083340951	Moil point (conical)	-
3083340955	Moil point (X-profile)	-
3083340956	Chisel (cross)	105
3083340957	Chisel (X-profile)	105
3083340952	Blunt tool	-
3083340959	Wide chisel (cross)	200
3083340961	Shaft	-
3315372000	Post driver	200
3315372600	Pile driver	150
3315371200	Tamping pad	400