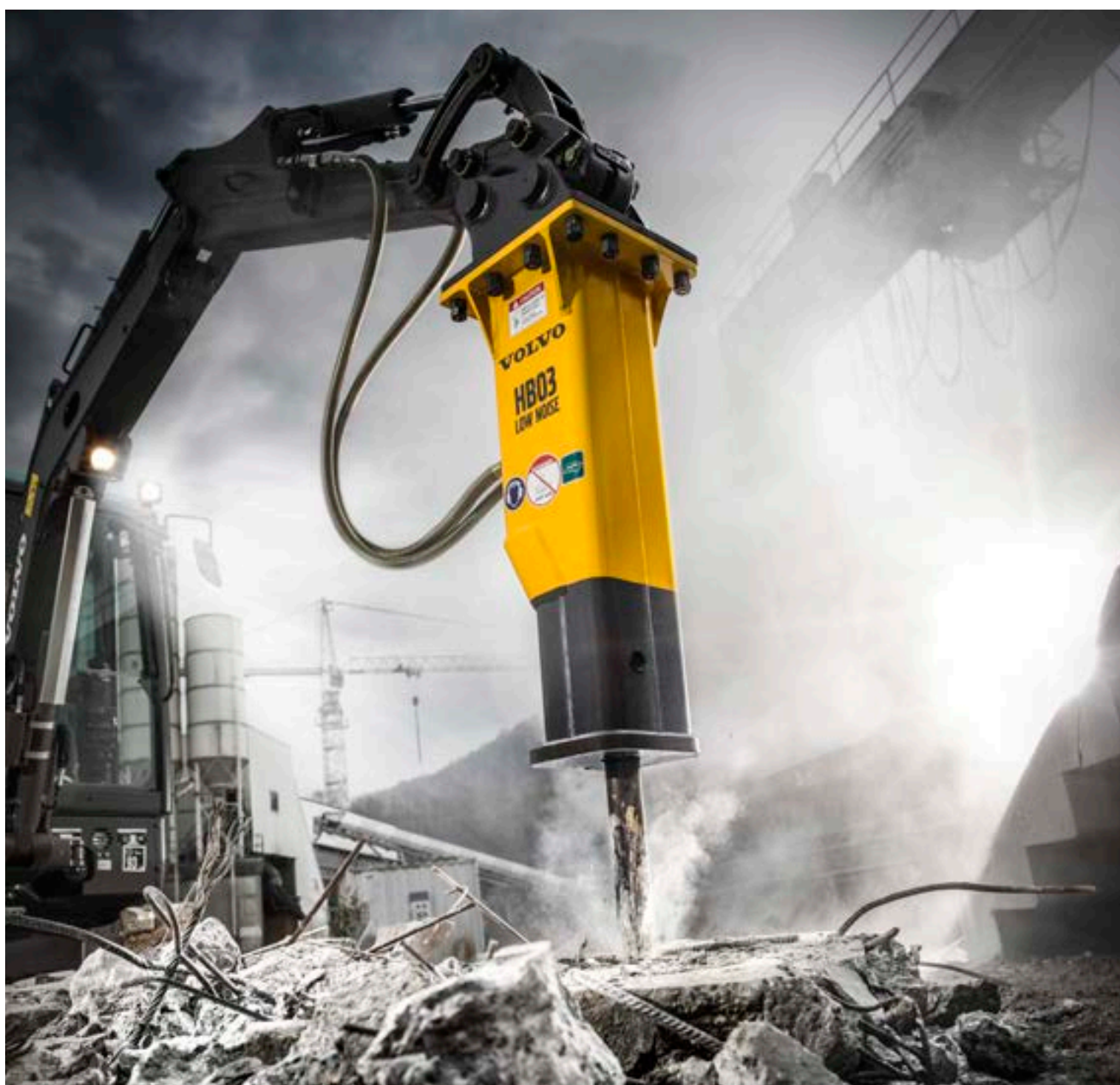




Volvo Construction Equipment

HYDRAULIC BREAKERS

HB02 to HB08 for Compact Machines 1.5 - 9.0 t



Breaking boundaries.

To penetrate a number of demanding materials your Volvo hydraulic breaker provides consistent power, durability and breaking force. For machines weighing ten tons and under, our Volvo breakers are perfectly compatible for your compact excavator, backhoe loader and skid-steer loader.



A bracket for your coupler

Our breakers are specially designed to suit existing Volvo quick couplers so it is easy to switch from one attachment to another using any system. This makes switching application easier than ever, maximizing productivity for multi-application work.



Matched engineering

Your Volvo breaker is made to work in harmony with your Volvo machine. Our breakers are designed with optimal performance in mind. The weight of the breaker matches the weight of the machine for optimal machine stability. The machine's hydraulic technology is compatible with our breakers to enhance its performance.



Service Network

In order to respond to your needs faster, a Volvo expert is on their way to your job site from one of our Volvo facilities. With our extensive infrastructure of technicians, workshops and dealers, Volvo has a comprehensive network to fully support you using local knowledge and global experience.



Match and attach

So you can start using your Volvo breaker straight away, we provide an all-in-one package that is ready to use, whether purchasing it together with a new machine or for an existing machine in your fleet today. Depending on the product, the package includes hydraulic hoses, breaker, breaker bracket hydraulic connectors, and tool.



Frequency and power

Our breakers offer consistent impact frequency and power to ensure productivity on any job site. Optimal power and performance is delivered with every strike of the breaker maximizing your performance.

The best of breakers.



A bracket for your coupler

Our breakers are specially designed to suit existing Volvo quick couplers so it is easy to switch from one attachment to another using any system.

Two speed control

Dual speed allows the operator to choose the best frequency for the application while increasing your machine's productivity.



Matched engineering

The weight of the breaker matches the weight of the machine for optimal machine stability.

Cushion damper

The cushion damper reduces noise and vibrations. Less vibration reduces potential damage of the excavator boom and arm, while increasing operator comfort.



Match and attach

An all-in-one package that is ready to use includes breaker, hydraulic hoses, hydraulic connectors, and tool.



Anti-blank firing

For the HB07 this function prevents the breaker from striking when the material has already been fully penetrated.



Service Network

Our comprehensive network of Volvo technicians, workshops and dealers, will fully support you.

Breaker tools

We offer an extensive range of high quality tools using high tensile steel to suit every application.



Frequency and power

Our breakers offer consistent impact frequency and power to ensure productivity on any job site.

Fully sealed housing

Through its robust design, the fully-sealed housing protects the power cell, prolonging its lifespan.

Volvo hydraulic breakers.



DESCRIPTION	Unit	COMPACT EXCAVATORS				BACKHOES	SKID STEERS	
		HB02 Top Low noise	HB03 Top Low noise	HB06 Top Low noise	HB08 Top Low noise	HB07 Side	HB06 SSL Low noise	HB07 SSL Low noise
Bracket		To define within available range				Included		
Breaker weight*	kg	130	153	252	512	-	242	317
Operating weight**	kg	148	175 (2t) 178 (3,5t)	311	593	313	356	431
Overall length	mm	1 291	1 511	1 612	2 115	1 442	1 567	1 633
Tool diameter	mm	57	57	70	90	75	70	75
Operating pressure	MPa	9 - 12	9 - 12	11 - 19	14 - 17	12 - 19	11 - 19	12 - 19
Oil flow	lpm	19-38	23-70	29-65	42-94	34-76	29-65	34-76
Blow rate	Low speed	bpm	450-1000	600-1500	380-1000	380-900	380-1000	380-900
	High speed	bpm	-	-	-	490-1000	-	-
Suitable carrier	ton	1.0-3.0	1.5-4.0	3.0-6.5	6.0-10.0	4.5-8.0	3.0-6.5	4.5-8.0
Sound power level	dB(A)	110	110	117	118	117	117	117

* Breaker weight including 2x hoses, 1x tool but without breaker bracket ** Operating weight includes the "breaker weight" plus a pin on bracket with pins x 2. Bracket weight varies depending on the interface type and the machine model so the pin on bracket weight is used in this table.

Breaker solution for a wide range of Volvo Compact machines

MODEL COVERAGE	HB02 Top Low noise	HB03 Top Low noise	HB06 Top Low noise	HB08 Top Low noise	HB07 Side	HB06 SSL Low noise	HB07 SSL Low noise
EC15C, EC15D, EC17C, EC17D, EC18C, EC18D, EC20C, EC20D	•						
EC27C, ECR25D, EC35C, ECR38, EC35D, ECR35D ECR40D		•					
ECR50D, EC55C, ECR58D, EW60E			•				
ECR88 D				•			
BL60, BL61B, BL70, BL71B					•		
MC60C, MC70C, MC80C, MC85C, MC95C, MC105C, MCT70C, MCT80C, MCT85C						•	
MC110C, MC115C, MC125C, MC135C, MC155C, MCT110C, MCT125C, MCT135C, MCT145C							•

Tool application guide

DESCRIPTION	ASPHALT	CONCRETE	SEDIMENTARY	IGNEOUS ROCK
		Reinforced or other	Sandstone Limestone, Greywacke	Magma Granite Gabbro, Greenstone
Pyramid Moil	•	•	•	
Moil point		•	•	
Chisel	•	•	•	•
Blunt		•	•	•
Compacting plate	•			
Spade	•			

Hydraulic Breaker Brackets

DESCRIPTION	Volvo Pin on type (Pins not included*)	Volvo Pel-Job® type	Volvo Symmetrical type	Volvo Lehnhoff type
Available for all compact excavator breaker configurations.				

NOTE: SSL and BHL come with interfaces unique to the carrier requirement.

* Not available with machine deliveries **Order a pin kit with the breaker and direct fit bracket if using a universal quick coupler.

Tool selection



Pyramid moil

The pyramid moil is a standard tool for almost any application. This point is for general use in trenching or demolition. Ideal for concrete and materials that requires a high penetration rate.

Moil

The moil is a breaker tool for several applications. For nonabrasive and soft rock, concrete and other general use in trenching or demolition.



Chisel

The chisel is the standard recommendation for rock excavation and concrete demolition. Available as parallel and transversal.

Blunt

The blunt is often used in breaking of blasted rock and reduction of oversize rock in crusher operations.



Compacting plate

A special tool for soft ground applications.

Spade

Recommended tool for cutting asphalt or frozen ground.



Not all products are available in all markets. Under our policy of continuous improvement, we reserve the right to change specifications and design without prior notice. The illustrations do not necessarily show the standard version of the machine.

VOLVO

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