

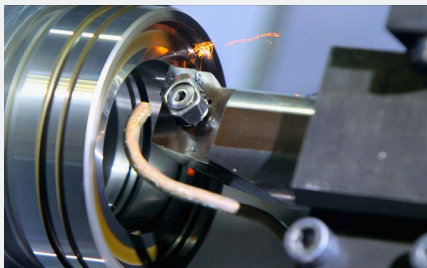


# Hydraulic Rock Breaker

## Heavy Range Overview







The use of innovative high performance technology in product design and manufacturing makes Montabert breakers and hydraulic drifters the most efficient and reliable choice for customers around the globe.

Since 1921, Montabert products have been produced with a commitment to designing methods and solutions focused on productivity, reliability and safety.

A continuous investment in research and development has resulted in the delivery of technology products that will revolutionize the hydraulic rock breaker market. For almost 100 years, Montabert products have led the industry with three to five patents a year.

With a network of 150 dealers around the world, you will always find a Montabert certified partner close to you to provide the best service and solutions.

### **Blank firing protection**

Montabert heavy breakers can take care of themselves. Their blank firing protection will greatly improve wear parts lifespan.

### **Patented overflow protection**

Montabert heavy breakers can handle unexpected overflows, protecting both themselves and the carrier hydraulic system. This overflow protection operates without stopping the breaker.

### **Energy recovery system**

Breaking extremely hard rock? By capturing the recoil for the next blow, each piston bounce-back will be converted into speed. Faster blows means more productivity.

### **Secured hydraulic connections**

HP and LP hoses are connected on swivels. These articulated systems improve hose lifespan and greatly reduce hose breakage risks.

### **All hydraulic type**

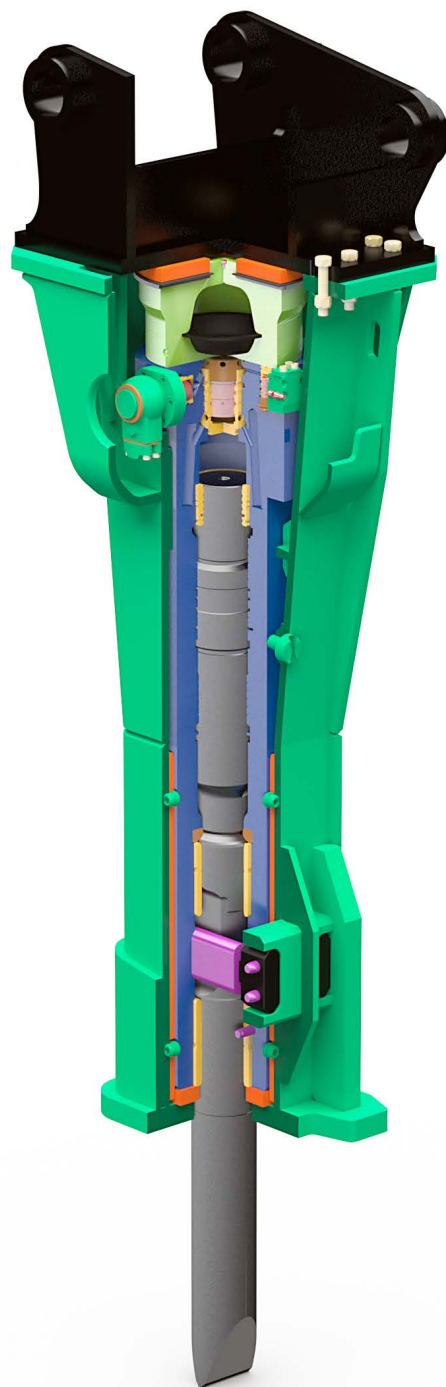
Tired of endless nitrogen recharges, loss of performance and pressure spikes? Montabert heavy breakers are equipped with a hydraulic accumulator, which keeps breaker performance at its maximum and constant over time without needing to be regularly checked or recharged on the jobsite. Less maintenance means more production and up-time.

### **Automatic dual frequency system**

Montabert heavy breakers can automatically adjust their working frequency depending on the hardness of the ground. They will always deliver the perfect blow, and never waste energy.

### **Multi-purpose housing**

The housing on Montabert heavy breakers keeps the power cell in a fully suspended and soundproofed box. This prevents cracks on the excavator boom and breaker housing, and enables operation at very low noise levels. This housing is made of highly resistant steel and is equipped with rock dragging teeth.



### **Optimal greasing systems**

Greasing solutions are designed so that Montabert breakers always get optimal grease supply. Mounted on the breaker itself or on the carrier, each type of job and configuration has a greasing system available.

### **Relevant working tools range**

Blunt, chisel andmoil point: these three tools allow you to tackle any jobsite.



### Ready for work

Montabert heavy breakers have been designed for all types of carriers, from 20 to 80 tons. They are equipped with an automatic pressure regulator which ensures optimal operation regardless of variations in flow and/or temperature.

Montabert heavy breakers can be equipped with a bronze or steel lower bushing in order to provide the best lifespan and efficiency for any type of material.

They are also highly tolerant to back-pressure. It isn't easy to find a carrier on which Montabert heavy breakers cannot be mounted.

### Operator friendly

Montabert heavy breakers allow the operator to focus on the job, without having to monitor hydraulic parameters or power settings. Overflow protection, blank firing protection, automatic frequency adjustment and the hydraulic accumulator will make the operator's life a lot easier.

### Easy maintenance

Everything has been designed so as not to make maintenance a chore. Montabert heavy breakers are supplied with a full set of inspection tools, which will help you perform all essential checking in the simplest way.

Moreover, the working tool, retainers and lower bushing can be changed with minimum downtime.

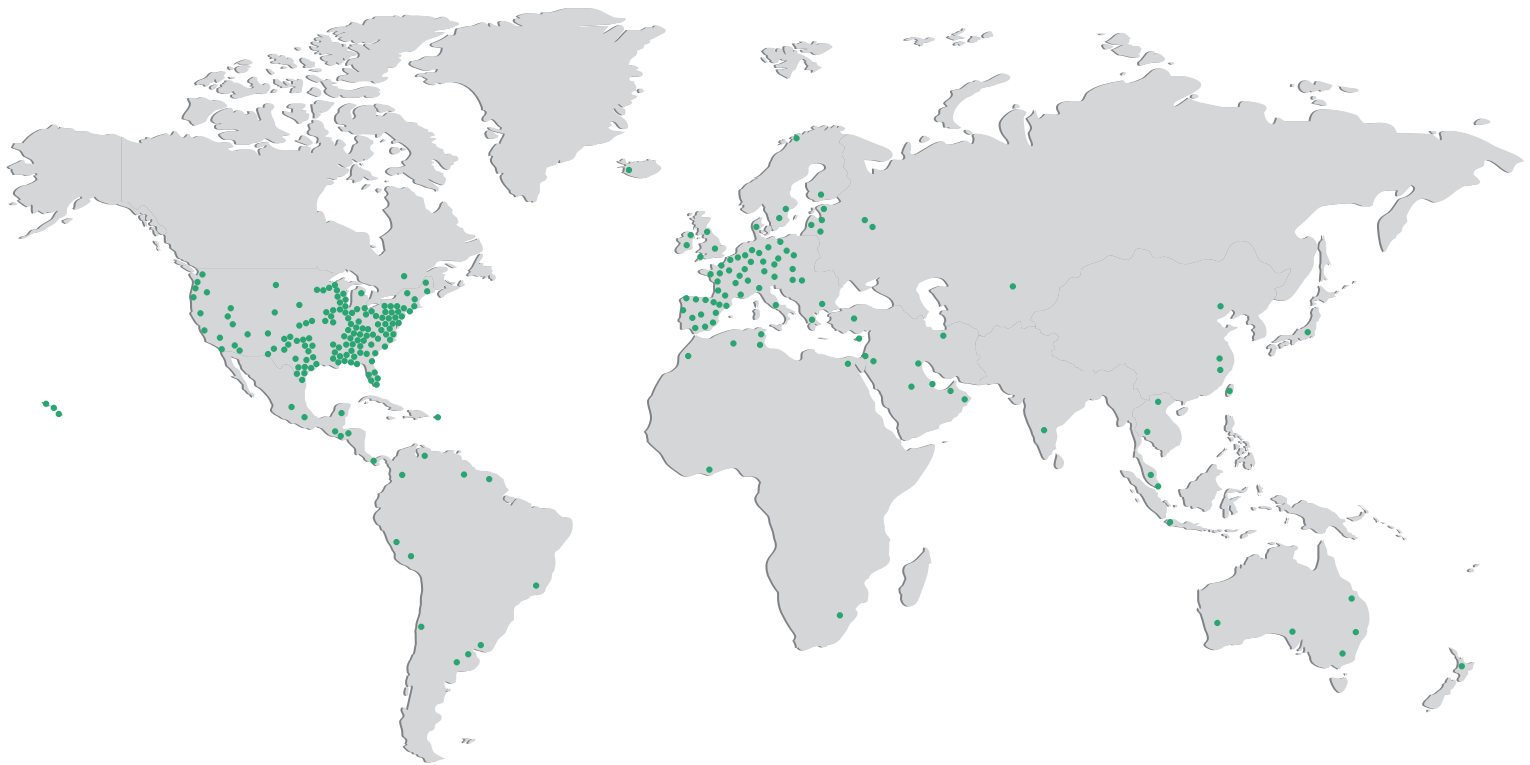


### Engineering and innovation

From machining to final assembly, Montabert products are manufactured utilizing world class processes, top notch raw materials and the best steel to offer maximum quality and reliability. Three patents have been filed for the heavy breaker series.



		V1800 EVO	V2500 EVO	V3500	V4500
Carrier weight range (min - max)	t	20 - 35	27 - 40	35 - 60	45 - 80
Breaker operating weight	kg	1,884	2,571	3,261	4,668
Oil flow range (min - max)	l/min	140 - 220	175 - 250	250 - 320	280 - 380
Frequency	bpm	310 - 800	350 - 800	550 - 850	500 - 750
Operating pressure (max)	bar	165	155	175	185
Tool diameter	mm	140	160	175	190
Working frequencies		2 auto	2 auto	2 auto	2 auto
Automated greasing		Standard	Standard	Standard	Standard



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