



# Hydraulic Rock-breaker | 501 Next Generation



# 1960's: The BRH501, a revolution on jobsites

Once upon a time  
there was a BRH501 rock-breaker...



## Hydraulic Rock-Breakers

The "BRH" line of hydraulic rock-breakers marked the end of compressed air heavy tools used on demolition sites. From then, there was only one powered fluid used, the pressurized oil supplied by the carrier machine's pump.

With innovative concept, protected by two patents, the "BRH" Hydraulic Rock-Breakers are outstanding concrete-breakers, enclosed in a protective anti-vibration housing.

Based on the hand-held concrete-breaker's hydraulic technology's BBH31, manufactured since 1967, the BRH501 model has been subject to constant improvements since the first launch in 1969.

From then, this new tool has entirely transformed heavy demolition methods. Today thousands of units used all around the world clearly demonstrate the strong benefits of this revolutionary technique.

Le "gros bras" de l'abatage et de la grosse démolition



Le brise-roche hydraulique brh 501 Montabert  
Le plus gros rendement pour une moindre dépense d'énergie

Le brise-roche hydraulique brh 501 Montabert est le plus gros rendement pour une moindre dépense d'énergie. Il est conçu pour être utilisé sur des machines à bras articulés de 10 à 20 tonnes. Il est équipé d'un système de régulation de pression automatique et d'un système de double amortissement. Il est disponible en deux versions : avec ou sans système de régulation de pression automatique.



Montabert

**MONTABERT**  
une force économique

## Economic benefits:

- Energy saving
- Easy maintenance
- High profitability

## Technical advantages:

- High performances
- Extreme agility
- Noise reduction
- Absolute reliability
- Automatic pressure regulation
- Double dampening system

The "BRH" Series, hydraulic rock-breakers, are now essential for construction and civil engineering companies, for quarrying activities and special demolition projects.

# 501 NG THE RETURN OF A LEGEND



## 75% more powerful

Productivity increased thanks to higher energy per blow and higher blow frequency. Greater productivity means faster project completion, cost per cubic meter reduced, and therefore greater profitability.

## 30% weight reduction

A lighter rock-breaker means greater manoeuvrability for more precise and faster work. This allows to use a more compact and therefore more economical carrier.

## Even more robust

- Unrivalled manufacturing quality
- Lower part of the housing made of cast steel resistant to abrasion
- Blank-fire protection and reinforced Front guide
- Automatic greasing station (optional)

Robustness is the best guarantee of a successful investment.

## Maintenance reduced to a bare minimum

- No tie-rods and a monobloc body
- Easy maintenance: only standard tools required
- Easily replaceable bushing on job site

Simplified maintenance means Rock-breaker's optimal uptime and greater cost-effectiveness.



# Technical specifications 501 NG

Technical specifications		
<b>Carrier weight</b>	8-18 T	17,637-39,683 lb
<b>Breaker weight with bracket and tool</b>	730 kg	1610 lb
<b>Tool diameter</b>	106 mm	4,17 in
<b>Tool Working length</b>	566 mm	22,28 in
<b>Input power</b>	33 kW	33 kW
<b>Blow frequency</b>	870 Cps/min	870 bpm
<b>Overall length with tool</b>	2148 mm	84,57 in
<b>Oil flow</b>	80-140 L/min	21,1-37 gpm
<b>Working pressure</b>	140 bars	2030 psi
<b>Acceptable back-pressure</b>	20 bars	290 psi
<b>Pre-equipped to receive air pressurization kit</b>	Standard	
<b>Air pressurization kit</b>	Optional	
<b>Easy Lub greasing station</b>	Optional	
<b>Montabert Warranty</b>	1 year	



## Warranty

By choosing the Montabert 501NG, you benefit from a one-year worldwide warranty for parts and labour.

## Montabert service

Your Montabert dealer will offers significant rock-breakers technical and operational expertise. He will advise you for the tools choice, the adaptation on the carrier, performance optimization to obtain the best cost-effectiveness and a maximum breaker life-span. You are also guaranteed to receive local technical support and assistance, for the machine commissioning, operators training as well as maintenance and repair.



Montabert operates in more than 100 countries. Optimize the performance of your demolition accessories by contacting our network, which is fully trained for our products. Montabert network offers expert advice in commissioning, maintenance with genuine spares, technical assistance and training.

**email: [ussales@montabert.com](mailto:ussales@montabert.com)**  
**www.montabert.com**

©2013 MONTABERT 86744257-a-EN (03-2013)



2905 Shawnee Industrial Way Suwanee, GA 30024 | Customer Service: 866-472-4373 | Fax: 866-472-4950

Nothing contained in this brochure is intended to extend any warranty or representation expressed or implied, regarding the products described herein. Any such warranties or other terms and conditions of sale products shall be in accordance with Montabert's standard terms and conditions of sale for such products, which are available upon request. Specifications and machines can be modified at any time and without notice.