

**Heavy Range Hydraulic Breakers**  
**Model V3500 & V4500**  
for carriers from 77,000 to 175,000 lbs.



**Montabert's V3500 & V4500 breakers provide a high energy per blow and surpass the performance of other rock breakers in their category.**

The V3500 & V4500 are equipped with a heavy duty housing, the lower part of which is protected with a steel wear plate. Soundproofing is standard. Offer two operating speeds with automatic selection:

- High energy for work on hard surfaces.
- High frequency for softer surfaces.

• **Auto protection**

- Blank firing protection (extends the life span of the carrier, breaker, tool and retaining pin)
- Articulated swivel joints (hose protection)
- Protection against overpressure (prevents tool & breaker damages)
- Breaker overflow protection
- Reinforced suspension which absorbs vibrations transmitted to the carrier (boom protection).

• **Performance**

- Patented automatic frequency adaptation system (from 1st blow)
- Energy recovery: increases the striking power using the energy generated by the piston rebound (useful on very hard materials)
- Diaphragm accumulator (no need to be periodically refilled): providing constant optimal performance.

• **Versatility and easy maintenance**

- Automatic pressure regulator: ensures optimal operation regardless of flow or temperature variations.
- High max. permitted back-pressure level (up to 25 bar): easy to fit on all kinds of carriers.
- Equipped as standard with an automatic greasing system.



**Heavy Range Hydraulic Breakers- V3500 - V4500**

For dimensions and specifications, see the back of this page.



# Heavy Range Hydraulic Breakers - V3500 & V4500 Models

## Specifications and Dimensions



Montabert Heavy Hydraulic Breakers Specifications		V3500	V4500
Impact Class	ft lbs	12000	13000
Striking Rate (BPM)	min	550	500
	max	850	750
Recommended Carrier Weight	Met. Tons	35 - 60	45 - 80
	US Tons	39 - 66	50 - 88
Flow Range	gpm	66 - 85	74 - 100
	lpm	250 - 320	280 - 380
Operating pressure	psi	2540	2685
	bar	175	185
Maximum back pressure	psi	217	217
	bar	15	15
Weight with top bracket & tool	lbs	7715	9920
	kg	3500	4500
Tool Diameter	in	7	7.5
	mm	175	190
Tool working length	in	29	30
	mm	730	754
Total length with tool without bracket	in	122	130
	mm	3090	3310

TRAMAC reserves the right to change or discontinue models and/or specifications without prior notice.

### Quality and dependability: two features you can count on with every Montabert product.

All Montabert products are engineered for superior performance, manufactured to the most exacting specifications, and—within the guidelines of the industry's most rigid quality control program—thoroughly inspected at every stage of production. All working parts are precision-machined to the closest tolerances, and all materials meet or exceed the highest industry standards. These are but a few of the many vital reasons major contractors worldwide choose our products.

*They know that with Montabert, reliability is crucial; a basic component conscientiously built into every unit that bears our name.*

