

# HYDRAULIC ROCK BREAKERS

CARRIERS FROM **18 to 75t**



**HEAVY RANGE**

RELIABILITY  
UNDER ANY CONDITION

**IR** Montabert.



### BRV SYSTEM

*It is the only variable speed system which results in a perfect adaptation of energy per stroke and strike frequency to the hardness of the ground:*

- fully automatic system, the breaker automatically selects the best setting of power and frequency on its own
- no excessive energy destroying the breaker
- power remains constant: production is always at its highest
- the energy per stroke drops immediately as soon as the material break: protection of internal parts, tools and retainer pins

- protection against accidental over-flow (up to 15% of nominal flow)
- protection of energy chamber diaphragm

- maintenance is simplified and no regular recharging is required
- in comparison with piston seals on systems without diaphragms, the life span is dramatically increased

### OPTIPOWER

*The energy recovery valve protects the breaker by recycling residual energy which has not been absorbed by the ground, residual energy which causes piston rebound:*

- no internal high pressure, source of cavitation
- the boom and the hydraulic circuit on the carrier are protected
- increase in breaker performance when necessary

### TPS SYSTEM

*A unique tool guiding and retaining system ensures optimum protection:*

- tool seizing is limited thanks to the use of large dimensioned bronze bushings
- retaining pins are only used to keep the tool inside the breaker, no seizing, no wear
- no tool breakage inside the front guide

**HEAVY RANGE**

### AUTOPOWER

*The automatic pressure regulator ensures that the breaker operates at nominal operating pressure on all carriers:*

- maximum performance, regardless of flow variations or change in oil viscosity
- pressure peaks limited at the time of start up

### ENERGY CHAMBER WITH DIAPHRAGM

*A definite advantage in comparison with nitrogen chambers which crown the piston head:*

- in the past the nitrogen pressure remained constant, guaranteeing maximum breaker performance!

### SOUNDPROOF VERSION

*All models are available with integrated soundproofing and dust proof seals:*

- important reduction of noise level
- the lower part of the breaker is better protected



V1200



V32



V1600



V45



V55



V65

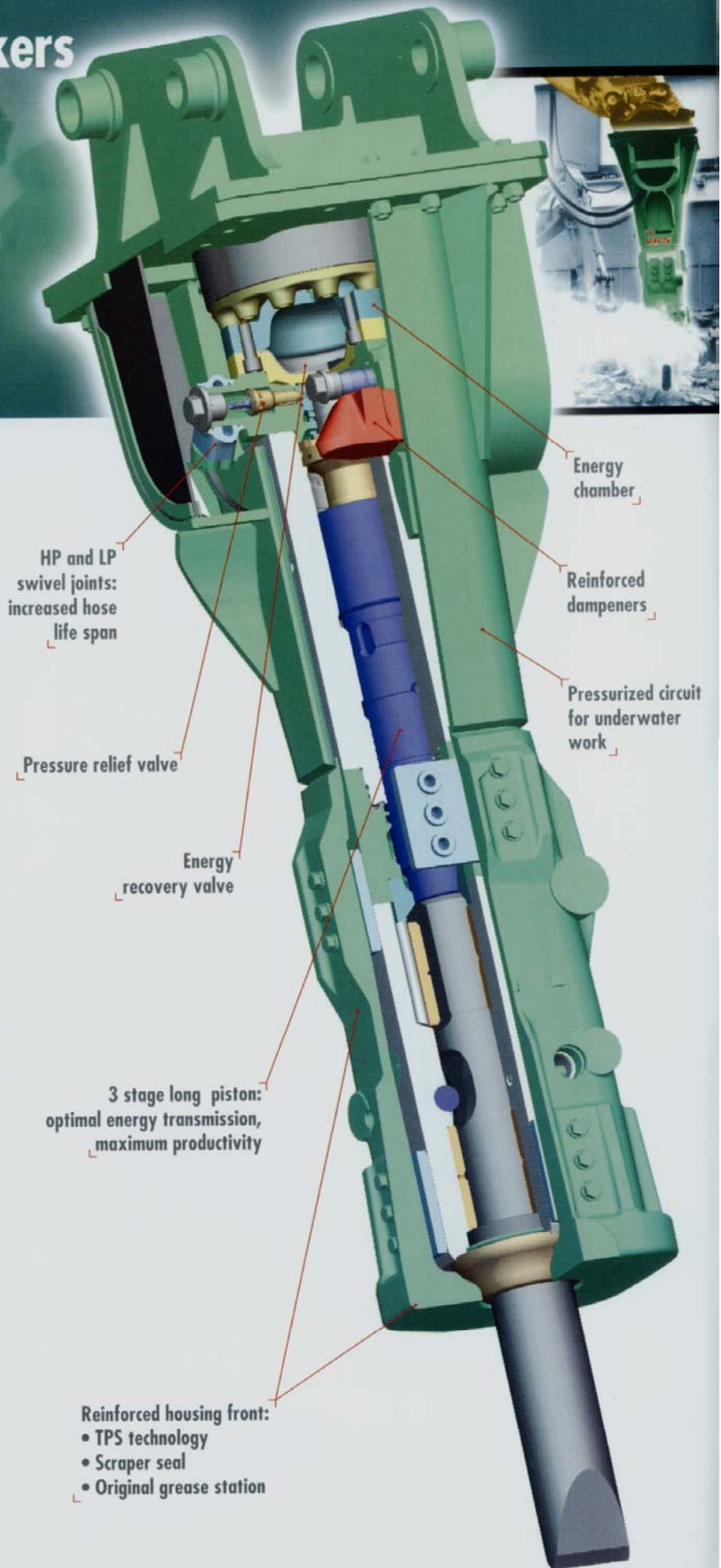
# Hydraulic rock breakers

## HIGHEST POWER, WEIGHT RATIO

IR Montabert's heavy range is the result of more than 30 years experience in rock breaker design and manufacturing. Based on unique technology and quality, the heavy range offers the best tools for demolition, mining, quarrying and public works thanks to their unequalled performance / weight ratio.

Autopower, Optipower, the BRV Variable Speed Technology, ... discover all the advantages of these innovations: extra power, maximum performance, exceptional reliability.

- POWER CONTROL
- RELIABILITY
- REDUCED MAINTENANCE
- OPERATOR COMFORT
- CARRIER PROTECTION



# HYDRAULIC ROCK BREAKERS

## CARRIERS FROM 18 to 75t

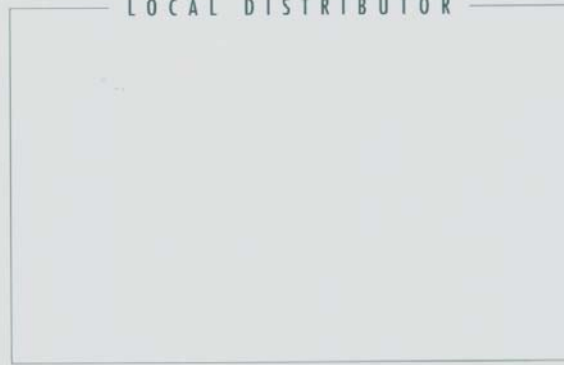
MODEL	carrier weight (tons)	WITHOUT FIXING CAP		WITH FIXING CAP		width top/bottom (mm)	tool diameter (mm)	blow frequency (cp/min)	oil flow (l/min)	operating pressure (bar)	acceptable back pressure (bar)
		operating weight with tool (kg)	height with tool (mm)	operating weight with tool (kg)	height with tool (mm)						
<b>V 1200</b>	18 - 30	1329	2500	1570	2895	540-340	122	540-770	120-170	155	12
<b>V 32</b>	18 - 30	1199	2290	1440	2685	540-340	122	400-1050	120-170	135	6
<b>V 1600</b>	22 - 35	1938	2700	2247	3150	600-388	140	405-830	180-230	165	12
<b>V 45</b>	25 - 37	2078	2658	2387	3108	600-388	150	510-1160	180-265	165	6
<b>V 55</b>	32 - 55	2800	2925	3220	3465	680-450	170	440-1045	240-320	165	6
<b>V 1200 MS</b>	18 - 30	1719	2500	1960	2895	610-340	122	540-770	120-170	155	12
<b>V 32 MS</b>	18 - 30	1284	2290	1525	2685	610-340	122	400-1050	120-170	135	6
<b>V 1600 MS</b>	22 - 35	2103	2700	2412	3150	700-388	140	405-830	180-230	165	12
<b>V 45 MS</b>	25 - 37	2248	2658	2557	3108	700-388	150	510-1160	180-265	165	6
<b>V 55 MS</b>	32 - 55	2995	2925	3415	3465	720-450	170	440-1045	240-320	165	6
<b>V 65</b>	45 - 75	4914	3510	5589	4056	870-635	202	380-950	380-420	165	6

HEAVY RANGE

SOUNDPROOF HEAVY RANGE

LIGHT RANGE • MEDIUM RANGE • HEAVY RANGE

LOCAL DISTRIBUTOR



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