

# HYUNDAI BREAKERS

HRB SERIES



Applied Machine  
1.2 – 26 t

Breaker Weight  
129 – 2046 kg

Tool Diameter  
45 – 140 mm

 **HD HYUNDAI**

# HRB SERIES

HD Hyundai breakers are packed with the latest innovative features, high performance technologies and the latest product design to provide a high energy, low maintenance breaker for maximum productivity. They are designed for HD Hyundai machines but are also suitable for other manufacturers excavator equipment.

## Core technology

### Silenced box housing

- Enables working in urban zones where noise level must be controlled.

### Back head

- The energy of the piston stroke is accumulated due to charged nitrogen gas.

### Cylinder

- Greater stability using extra quality steel for the breaker.

### Front head

- Assembled with bushing to buffer shock from the working tool.

### High quality working tool

- Enhanced durability and performance using high grade material.

### Urethane damper

- Vibration damping prevents carrier damage and improves operator comfort.

### Through bolt

- Best-in-class service life due to the adoption of an advanced heat treatment process.

### Inward valve system

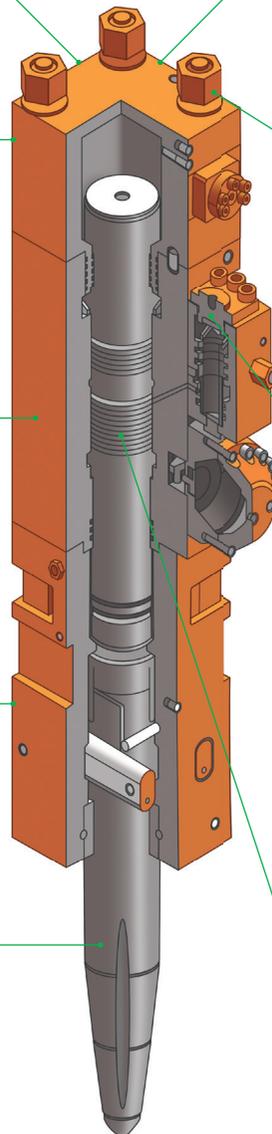
- Simple structure with less inner parts. (HRB030/040/050/060/140/250)

### Built-in accumulator

- An efficient shock absorption system that enhances equipment durability.

### Quality piston

- Improved durability using quality proven material for anti-wear, heat resistance, anti-impact and more.



### Box Housing

- HD Hyundai breakers come with a 2-year manufacturer's warranty as standard.
- All breakers are supplied with two chisels.

# HRB SERIES SPECIFICATIONS

MODEL PART NUMBER	MODEL NAME	BREAKER WEIGHT (KG)	OVERALL LENGTH (MM)	OIL FLOW (LPM)	OPERATING PRESSURE (BAR)	IMPACT RATE (BPM)	TOOL DIAMETER (MM)	APPLIED MACHINE (TN)
HCMB-R030EA	HRB030	129	1331	20 - 30	88 - 117	700 - 1200	45	1.2 - 3.0
HCMB-R040EA	HRB040	180	1417	25 - 50	88 - 117	600 - 1100	53	2.5 - 4.5
HCMB-R050EA	HRB050	361	1660	40 - 70	108 - 137	500 - 900	68	4.0 - 7.0
HCMB-R060EA	HRB060	451	1717	50 - 90	118 - 147	400 - 800	75	6.0 - 9.0
HCMB-R140EA	HRB140	1007	2354	80 - 110	147 - 166	350 - 700	100	10 - 15
HCMB-R140EAG	HRB140	1007	2354	80 - 110	147 - 166	350 - 700	100	10 - 15
HCMB-R140EAGB	HRB140	1007	2354	80 - 110	147 - 166	350 - 700	100	10 - 15
HCMB-R250EAC	HRB250	2046	2793	120 - 180	157 - 177	350 - 550	140	18 - 26
HCMB-R250EAGC	HRB250	2046	2793	120 - 180	157 - 177	350 - 550	140	18 - 26
HCMB-R250EAGBC	HRB250	2046	2793	120 - 180	157 - 177	350 - 550	140	18 - 26

## Features & Options

MODEL PART NUMBER	MODEL NAME	ACCUMULATOR	DUAL SPEED CONTROL	ANTI-BLANK FIRING	UNDER WATER OPERATION	AUTO GREASING KIT			MOUNT CAP
						F/head grease hole	Cylinder head grease hole	Grease pump	
HCMB-R030EA	HRB030	—	—	—	—	—	—	—	—
HCMB-R040EA	HRB040	—	—	—	—	—	—	—	—
HCMB-R050EA	HRB050	—	—	—	—	—	—	—	—
HCMB-R060EA	HRB060	—	—	—	—	—	—	—	—
HCMB-R140EA	HRB140	—	—	—	—	✓	✓	—	—
HCMB-R140EAG	HRB140	—	—	—	—	✓	✓	✓	—
HCMB-R140EAGB	HRB140	—	—	✓	—	✓	✓	✓	—
HCMB-R250EAC	HRB250	✓	✓	—	—	✓	✓	—	✓
HCMB-R250EAGC	HRB250	✓	✓	—	—	✓	✓	✓	✓
HCMB-R250EAGBC	HRB250	✓	✓	✓	—	✓	✓	✓	✓

✓: Applied, —: Not applied

## Tool/chisel selection

It's important to select the right tool for the right job. This makes it more productive and saves on wear part costs in the future.



### Conical

Demolition  
Hard Ground  
Hard Ground with Failures  
Concrete



### Moil

Trenching  
General Excavation  
Asphalt  
Mass Excavation in Quarry  
Soft Ground with Faults Concrete  
Reinforced Concrete



### Wedge

Trenching  
General Excavation  
Mass Excavation in Quarry  
Soft Ground with Faults  
Concrete  
Reinforced Concrete



### Blunt

Block Splitting  
Compact Abrasive  
Difficult to Position  
Concrete Slab on Demolition



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Specifications and design are subject to change without notice.  
Pictures of HD Hyundai Construction Equipment Europe products  
may show other than standard equipment.

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