

HYUNDAI BREAKERS

HRB SERIES



Applied Machine
1.2 – 60 t

Breaker Weight
129 – 5330 kg

Tool Diameter
45 – 195 mm

building a
comfortable
tomorrow

HYUNDAI

HRB SERIES

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 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

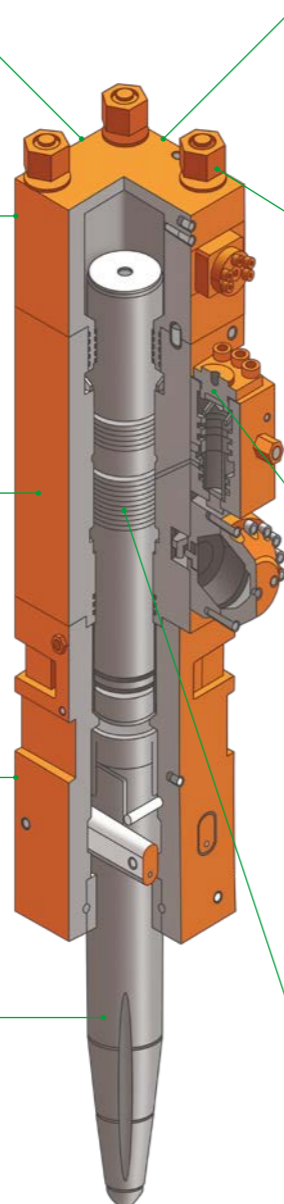
- Simple structure with less inner parts. (HRB030/040/050/060/140/250)

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

- 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
HCMB-R320EBGC	HRB320	2968	3088	180 - 240	157 - 177	300 - 450	155	28 - 35
HCMB-R350EBGC	HRB350	2975	2889	200 - 250	167 - 196	250 - 380	165	30 - 40
HCMB-R400EBGC	HRB400	3902	3729	200 - 260	176 - 206	200 - 350	175	35 - 45
HCMB-R520EBGC	HRB520	4800	3882	220 - 270	169 - 245	150 - 200	185	40 - 55
HCMB-R550EBGC	HRB550	5330	4043	270 - 320	196 - 245	150 - 200	195	50 - 60

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	✓	✓	✓	—	✓	✓	✓	✓
HCMB-R320EBGC	HRB320	✓	✓	✓	—	✓	✓	✓	✓
HCMB-R350EBGC	HRB350	✓	✓	✓	—	✓	✓	✓	✓
HCMB-R400EBGC	HRB400	✓	✓	✓	—	✓	✓	✓	✓
HCMB-R520EBGC	HRB520	✓	✓	✓	—	✓	✓	✓	✓
HCMB-R550EBGC	HRB550	✓	✓	✓	—	✓	✓	✓	✓

✓: 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
- 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

HYUNDAI

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