

# VIBRO RIPPER (V-Series)

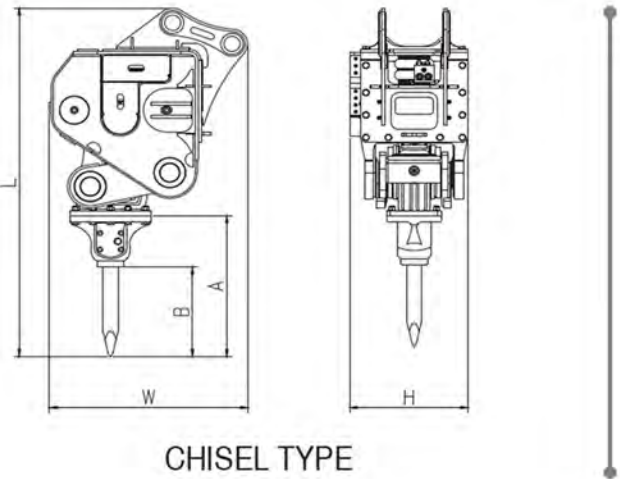


## ULTIMATE IN PRODUCTIVITY

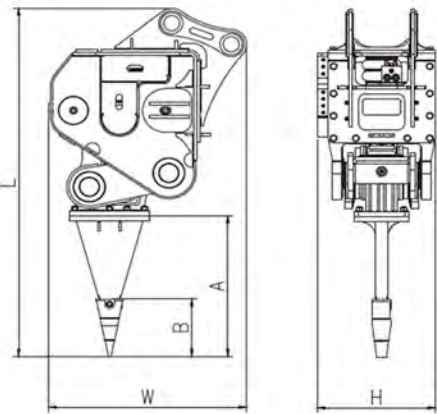
BULLSTERN RIPPER is normally applied in areas, where drilling and blasting with explosives is not permitted for safety or environmental reasons or are simply more expensive. Also, suitable for demolition, mining, etc. It exceeds the hydraulic breaker production in 80% of job applications.

|        | Model                       | Unit    | V250              | V300              | V400               | V500               |
|--------|-----------------------------|---------|-------------------|-------------------|--------------------|--------------------|
| CHISEL | Suitable Excavator          | ton     | 20-25             | 28-34             | 36-43              | 46-60              |
|        | Frequency                   | bpm     | 2800-3000         | 2500-2700         | 2000-2200          | 2000-2200          |
|        | Setting Pressure            | bar/psi | 250/3626          | 250/3626          | 280/4061           | 280/4061           |
|        | Return Pressure             | bar/psi | 6/87              | 6/87              | 6/87               | 6/87               |
|        | Max. Operating Oil Flow     | ℓ/min   | 170-200           | 210-230           | 250-260            | 250-260            |
|        | Weight (Incl. Mounting Cap) | kg      | 2635              | 3630              | 4680               | 6405               |
| TOOTH  | L × W × H                   | mm      | 2692 × 1407 × 880 | 2957 × 1578 × 950 | 3272 × 1708 × 1033 | 3624 × 1576 × 1128 |
|        | A × B                       | mm      | 1078 × 678        | 1196 × 761        | 1296 × 856         | 1455 × 960         |
|        | Tool Diameter × Length      | mm      | 110 × 1000        | 120 × 1150        | 130 × 1250         | 140 × 1300         |
|        | Weight (Incl. Mounting Cap) | kg      | 2600              | 3600              | 4650               | 6280               |
| TOOTH  | L × W × H                   | mm      | 2714 × 1407 × 880 | 2957 × 1578 × 950 | 3295 × 1708 × 1033 | 3610 × 1576 × 1128 |
|        | A × B                       | mm      | 1100 × 485        | 1190 × 485        | 1320 × 485         | 1422 × 485         |

Above specifications are subject to change without prior notice for performance enhancement.



CHISEL TYPE



TOOTH TYPE



INTERCHANGEABLE

## BENEFITS

- ✓ 3 to 5 times higher production than Hydraulic Breaker
- ✓ Ultimate performance & durability in equivalent class
- ✓ Almost no downtime & easy maintenance
- ✓ Low owning & operation costs
- ✓ Selective tool with one machine

# HYDRAULIC BREAKER (HB-Series)



## SUPERB PERFORMANCE

KAWAYAMA HYDRAULIC BREAKER is generally used as a tool for rock or concrete breaking. This breaker can be mounted with all sizes of excavators, or other carrier such as skid steer loader, and backhoe loader

|                    | Model              | Unit               | HB35M    | HB55M   | HB85     | HB100     | HB20G     | HB30G     |
|--------------------|--------------------|--------------------|----------|---------|----------|-----------|-----------|-----------|
| Suitable Excavator | Suitable Excavator | ton                | 3.0~5.5  | 4.0~7.0 | 7.0~14.0 | 11.0~16.0 | 16.0~21.0 | 25.0~30.0 |
|                    | Operating Weight   | kg                 | 180      | 305     | 550      | 840       | 1710      | 2365      |
|                    | Tool Diameter      | mm                 | 58       | 68      | 85       | 100       | 135       | 150       |
|                    | Required Oil Flow  | l/min              | 25~40    | 30~60   | 60~100   | 80~100    | 125~150   | 150~210   |
|                    | Operating Pressure | kg/cm <sup>3</sup> | 90~120   | 95~130  | 150~170  | 150~170   | 160~180   | 160~180   |
|                    | Impact Rate        | b.p.m.             | 500~1000 | 500~950 | 350~700  | 350~700   | 350~450   | 300~450   |

Above Specifications are subjected to change without prior notice for performance enhancement.

## BENEFITS

- ✓ Can be used for many job applications;  
Mine site and Construction sites
- ✓ HB20G and HB30G model is installed with stroke and impact adjuster
- ✓ User friendly and easy maintenance

## APPLICATIONS

- Building renovation
- Landscaping, gardening
- Trenching
- Tunneling
- Demolition, non-reinforced concrete
- General construction works
- Primary and secondary breaking in quarry
- Site preparation, foundation works
- Mine sites
- Road construction

