



# **BULLSTERN**

DEMOLITION & RECYCLING ATTACHMENT

*Optimize the Performance of Your Excavator with Bullstern Attachment*

Build Your  
Performance

[www.bullstern.com](http://www.bullstern.com)



# VIBRO RIPPER

## (V-Series)

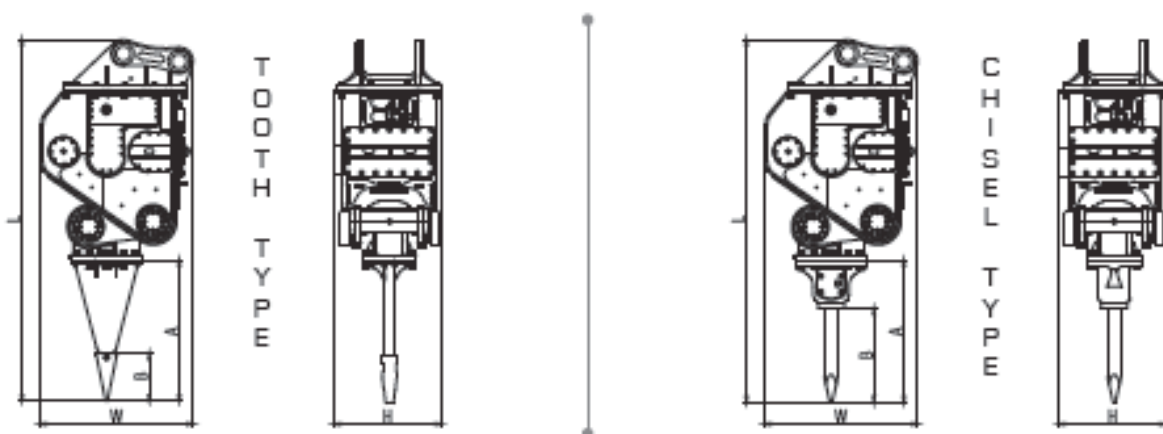


### ULTIMATE IN PRODUCTIVITY

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.

| Specification        |                | Unit     | V220              | V320              | V420              | V520               |
|----------------------|----------------|----------|-------------------|-------------------|-------------------|--------------------|
| Carrier Weight Range |                | ton      | 20-25             | 28-34             | 36-43             | 46-65              |
| Frequency            |                | bpm      | 2500-3000         | 2500-2800         | 2200-2500         | 2100-2300          |
| Setting Pressure     |                | bar(psi) | 250(3626)         | 250(3626)         | 280(4061)         | 280(4061)          |
| Return Pressure      |                | bar(psi) | 6(87)             |                   |                   |                    |
| Oil Flow             |                | L/min    | 170-200           | 210-230           | 250-280           | 290-310            |
| TOOTH                | Service Weight | kg       | 2800              | 3600              | 4650              | 6280               |
|                      | A × B          | mm       | 1100 × 485        | 1190 × 485        | 1320 × 485        | 1422 × 485         |
|                      | L × W × H      | mm       | 2888 × 1290 × 827 | 3137 × 1400 × 900 | 3448 × 1506 × 980 | 3700 × 1571 × 1100 |
| CHISEL               | Service Weight | kg       | 2835              | 3630              | 4680              | 6405               |
|                      | A × B          | mm       | 1078 × 678        | 1196 × 761        | 1296 × 856        | 1455 × 960         |
|                      | L × W × H      | mm       | 2886 × 1290 × 827 | 3143 × 1400 × 900 | 3423 × 1506 × 980 | 3714 × 1571 × 1100 |
|                      | Tool Size      | mm       | Ø110 × 1000       | Ø120 × 1150       | Ø130 × 1250       | Ø140 × 1300        |

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



### BENEFITS

- ✓ 3 TO 5 TIMES HIGHER PRODUCTIVITY THAN HYDRAULIC BREAKERS
- ✓ LESS DISTURBANCE OF THE SURROUNDINGS (NOISE & DUST)
- ✓ BIGGER AND HEAVIER ECCENTRIC GEARS TO MAXIMIZE IMPACT POWER
- ✓ REINFORCED TOOL BODY BY CASTING TO ENSURE A LONG LIFE SPAN

# VIBRO HAMMER

## (W-Series / F-Series)

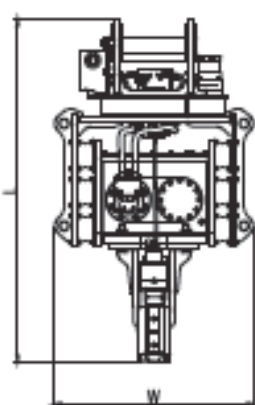


### TIME-EFFICIENT WITH LESS LABOR

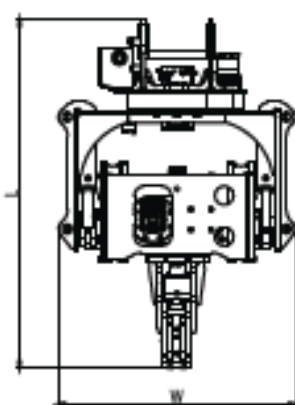
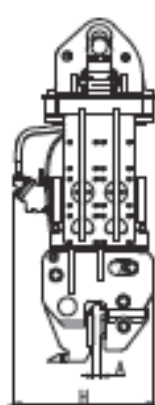
BULLSTERN TILTING TYPE PILE DRIVER is the real time saver for pile driving jobs. With picking up a sheet pile in a horizontal position by 90-degree tilting function, the manual interference is reduced. In other words, almost nonstop piling operation is possible so that the operator is able to drive a sheet pile in a less cycle time than the basic type pile driver.

| Specification        | Unit           | W250 / F250 | W300 / F300       | W400 / F400       |
|----------------------|----------------|-------------|-------------------|-------------------|
| Carrier Weight Range | ton            | 18-26       | 25-35             | 34-45             |
| Frequency            | bpm            | 2800-3000   | 2500-2700         | 2000-2200         |
| Eccentric Moment     | Nm(lbs)        | 66(584)     | 80(708)           | 100(885)          |
| Centrifugal Force    | kN             | 450         | 500               | 550               |
| Amplitude            | mm             | 12          | 14                | 16                |
| Setting Pressure     | bar(psi)       | 250(3625)   | 250(3625)         | 280(4061)         |
| Oil Flow             | L/min          | 170-200     | 210-230           | 250-260           |
| Slewing / Tilting    | degree         | 360 / 90    | 360 / 90          | 360 / 90          |
| A                    | mm             | 57          | 57                | 57                |
| Ext. Boom Weight     | kg             | 580         | 700               | 870               |
| W-Series             | Service Weight | kg          | 1550              | 1700              |
|                      | L x W x H      | mm          | 1838 x 1044 x 755 | 1903 x 1106 x 796 |
| F-Series             | Service Weight | kg          | 1740              | 1940              |
|                      | L x W x H      | mm          | 2057 x 1353 x 749 | 2182 x 1406 x 793 |

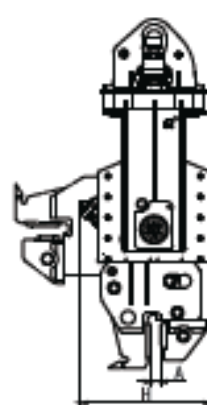
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### BENEFITS

- ✓ LONG-LASTING QUALIFIED ELASTOMER
- ✓ HIGH QUALITY ELECTRICAL HARNESS
- ✓ 30% BETTER EFFICIENCY THAN BASIC TYPE
- ✓ EASY-CLAPING WITH NO EXTRA GROUND-LEVEL WORK
- ✓ LOW-FRICTION & LONG LASTING CYLINDER
- ✓ FAST & EASY EXCAVATOR CONNECTION
- ✓ 360-DEGREE ROTATION / 90-DEGREE TILTING



# HYDRAULIC BREAKER (B-Series)



## PROVEN TECHNOLOGY

BULLSTERN BREAKERS have been designed for all types of carriers, from 1 to 50 tons. The mini-small range breakers are perfect for working in confined spaces such as insided buildings, along walls or in narrow trenches. The medium-large range breakers are made for a variety of applications, combining efficiency with high performance.

## MINI & SMALL RANGE

| Specification        | Unit  | B45       | B53       | B68       | B75       | B85       | B100      |
|----------------------|-------|-----------|-----------|-----------|-----------|-----------|-----------|
| Carrier Weight Range | ton   | 0.8-3     | 2.0-3.5   | 2-7       | 3.5-9     | 6-11      | 9-12      |
| Service Weight       | Box   | 106       | 175       | 275       | 395       | 490       | 785       |
|                      | Open  | 97        | 160       | 260       | 360       | 473       | 765       |
| Tool Diameter        | mm    | 45        | 53        | 68        | 75        | 85        | 100       |
| Operating Pressure   | bar   | 90-120    | 90-120    | 95-130    | 100-130   | 130-150   | 150-170   |
|                      | psi   | 1305-1740 | 1305-1740 | 1375-1885 | 1450-1885 | 1885-2175 | 2175-2465 |
| Setting Pressure     | bar   | 150       | 150       | 170       | 170       | 195       | 210       |
|                      | psi   | 2175      | 2175      | 2465      | 2465      | 2828      | 3045      |
| Impact Rate          | bpm   | 600-1200  | 550-1000  | 450-900   | 450-900   | 400-800   | 450-900   |
| Oil Flow Rate        | L/min | 20-30     | 25-50     | 30-50     | 40-80     | 45-90     | 80-100    |

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Suitable for universal use  
Very good penetration  
Even splitting effect distribution  
Slight torsion effect

**Moil Point**



Mining, demolition work, ground work, foundations  
Very good splitting effect distribution  
Very good penetration  
Torsion effect

**Wedge Point**

## MEDIUM & LARGE RANGE

| Specification        | Unit  | B120      | B135      | B150      | B160      |
|----------------------|-------|-----------|-----------|-----------|-----------|
| Carrier Weight Range | ton   | 13-18     | 18-26     | 28-35     | 33-50     |
| Service Weight       | Box   | 1350      | 1860      | 2400      | 3190      |
|                      | Open  | 1400      | 1790      | 2450      | 3280      |
| Tool Diameter        | mm    | 120       | 135       | 150       | 160       |
| Operating Pressure   | bar   | 150-170   | 160-180   | 160-180   | 170-190   |
|                      | psi   | 2175-2465 | 2320-2610 | 2320-2610 | 2465-2755 |
| Setting Pressure     | bar   | 210       | 210       | 210       | 225       |
|                      | psi   | 3045      | 3045      | 3045      | 3265      |
| Impact Rate          | bpm   | 400-900   | 400-800   | 400-800   | 300-600   |
| Oil Flow Rate        | L/min | 90-120    | 130-150   | 150-190   | 190-250   |

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# PULVERIZER

## (P-Series)

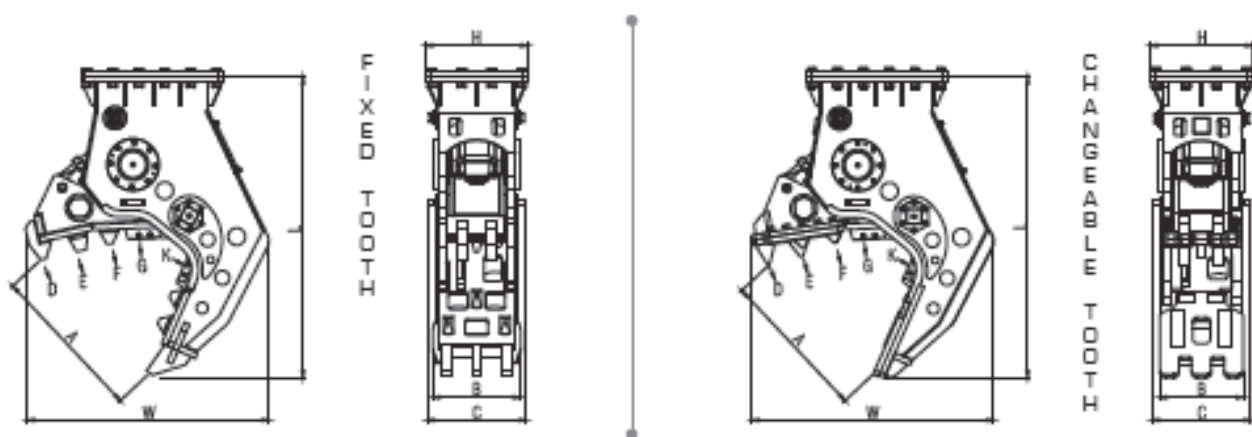


### UNCOMPROMISED DURABILITY

BULLSTERN PULVERIZER is the ideal tools for demolition waste recycling, concrete crushing or the separation of rebars encountered within the concrete in the secondary reduction stage. All of the models are equipped with speed valve which allows for faster cycle times. Also, one-piece changeable tooth system eliminates the downtime of welding and enables easy on-site maintenance.

| Specification        | Unit     | P200              | P200C             | P300              | P300C             |
|----------------------|----------|-------------------|-------------------|-------------------|-------------------|
| Carrier Weight Range | ton      | 19-28             |                   | 29-40             |                   |
| Service Weight       | kg       | 2115              | 2205              | 3120              | 3250              |
| Crushing Force       | D        | ton               | 48                | 65                |                   |
|                      | E        | ton               | 62                | 87                |                   |
|                      | F        | ton               | 78                | 113               |                   |
| Cutting Force        | G        | ton               | 185               | 250               |                   |
| Cutter Length        | K        | mm                | 175               | 175               |                   |
| Setting Pressure     | bar(psi) | 320(4641)         |                   | 320(4641)         |                   |
| Oil Flow             | L/min    | 200-250           |                   | 250-300           |                   |
| A                    | mm       | 960               | 951               | 1075              | 1056              |
| B X C                | mm       | 539 x 612         |                   | 610 x 686         |                   |
| L x W x H            | mm       | 1965 x 1442 x 600 | 1950 x 1450 x 600 | 2086 x 1680 x 710 | 2070 x 1688 x 710 |

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### BENEFITS

- ✓ AVAILABLE WITH OR WITHOUT ROTATION
- ✓ INTEGRATED SPEED VALVE FOR FAST CYCLE TIME
- ✓ 4 -WAY INDEXABLE BLADES PROVIDE 4 USABLE CUTTING EDGES
- ✓ ONE-PIECE CHANGEABLE TOOTH PLATES
- ✓ TEETH ARE MADE OF HARDOX STEEL



## BULLSTERN ATTACHMENT - A NAME THAT STANDS FOR PERFORMANCE

**Bullstern** is the brand of excavator attachments designed and manufactured by S&C. Its popularity against the competition is mainly due to its better build quality and features, better serviceability and ease of operation as well as better productivity and uptime. The units are exported globally. The company works with reliable and long-term partner - creating a dealer network that covers and serves more than 30 countries.

[bullstern.com](http://bullstern.com)



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**MADE IN  
KOREA**







# OTHER ATTACHMENTS

## STATIC RIPPER

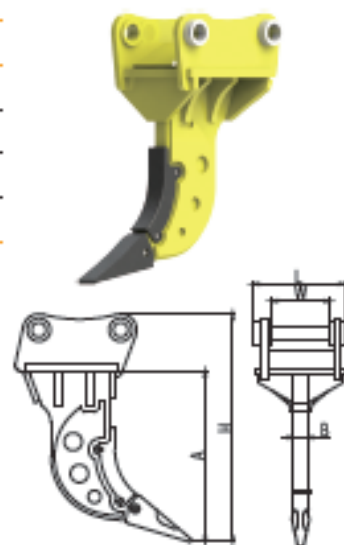
**BULLSTERN STATIC RIPPER** is the perfect attachment to cut through any hard terrain that is encountered in your work environment. With a single-point tooth, it maximizes the machine's penetrating power and cuts quickly through rock, shale, caliche and permafrost.

| Specification        | Unit | R150            | R200             | R300             | R400             |
|----------------------|------|-----------------|------------------|------------------|------------------|
| Carrier Weight Range | ton  | 10-17           | 18-27            | 28-37            | 38-47            |
| Working Weight       | kg   | 275             | 474              | 763              | 958              |
| A x B                | mm   | 640 x 70        | 856 x 75         | 1050 x 90        | 1180 x 90        |
| L x W x H            | mm   | 420 x 270 x 850 | 470 x 384 x 1280 | 610 x 406 x 1550 | 660 x 442 x 1620 |

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### BENEFITS

- ✓ DURABLE BODY MADE OF ABRASION RESISTANT & SOLID MATERIAL
- ✓ REPLACEABLE TOOTH AND WEAR SHROUD
- ✓ ADDED SIDE WEAR PROTECTION TO EXTEND LIFE
- ✓ EXTRA THICK STEEL SHANK FOR INCREASED STRENGTH



## SHEARS

**BULLSTERN SHEARS** is used in scrap recycling yards and ensure a very high performances and an extraordinary level of efficiency and reliability. With the best high quality steels that provide structural strength and wear durability, both downtime and maintenance are reduced. The cycle times are improved by the speed valve installed on all models.

| Specification        | Unit     | C250              | C300              |
|----------------------|----------|-------------------|-------------------|
| Carrier Weight Range | ton      | 20-28             | 28-30             |
| Service Weight       | kg       | 1920              | 2980              |
| Cutting Force        | D        | ton               | 85                |
|                      | E        | ton               | 150               |
|                      | F        | ton               | 320               |
| Setting Pressure     | bar(psi) | 320(4641)         | 320(4641)         |
| Oil Flow             | L/min    | 200-250           | 250-300           |
| A                    | mm       | 500               | 580               |
| B x C                | mm       | 290 x 470         | 305 x 555         |
| L x W x H            | mm       | 2390 x 1080 x 820 | 2775 x 1350 x 820 |

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### BENEFITS

- ✓ LESS TIME WAITING FOR JAW OPEN OR CLOSE TO CONTACT WITH SPEED-UP V/V
- ✓ CUTTING BLADES CAN BE FLIPPED IN TWO WAYS, TO USE 4 DIFFERENT CUTTING EDGES
- ✓ UNIQUE CUTTER ARRAY TO MAXIMIZE CUTTING FORCE
- ✓ ARMORED CYLINDER TO PREVENT DAMAGE
- ✓ 360-DEGREE ROTATION

