

# HYDRAULIC CONCRETE CRUSHER



## *Productivity and time saving for your demolition and recycling sites*

Hydraulic concrete crusher models are perfect to work with excavators from 13 to 80 tons. With a large jaw opening, the Arden Equipment concrete crusher offers higher productivity than universal or dedicated attachments equipped with concrete jaws.

By allowing scrap metal to be recovered directly on the construction site, they will save significant amounts of time during your recycling tasks.



A closure kit can be installed on the BBH014, BBH020, and BBH031 to suit your waste types according to the desired shredding. The BBH are equipped as standard with a bar cutter inside the jaws close to the rotation axle.

## Advantages

- ✓ Available with or without rotation for the the BBH014, BBH020, BBH031.
- ✓ Inverted cylinders to protect the rod inside the frame. The supply is routed through the rod.
- ✓ Bolted, cast, and interchangeable demolition teeth with nut protectors, allowing for easy individual replacement on site.
- ✓ High tooth force thanks to the oversized cylinder.

## Options :

### Booster

The BBH014, BBH020, BBH031 are available with the BOOSTER option, which allows to gain a multiplied force when the jaws are closing. It provides a better cycle time and help reducing energy consumption.

### Speedvalve

The speedvalve can be installed on all crushers. It reduces the cycle time of opening and closing the jaws on the demolition tool.

### Arden Jet

This option is available on all crushers. Water is sprayed at high pressure to reduce dust emissions on job sites.

### Full plate

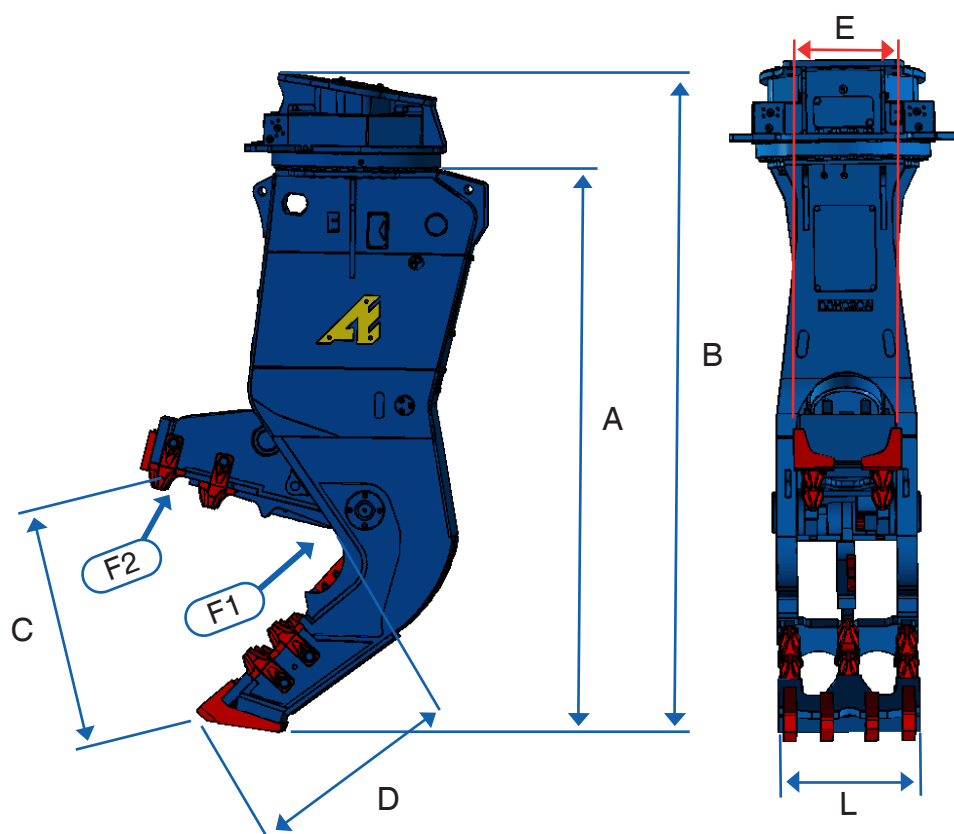
It is used to refine the granulometry.

### Teeth

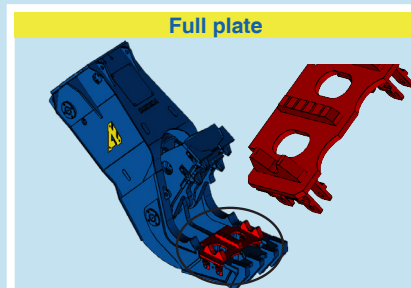
2 teeth on the BBH1300 frame can be fitted.



## Technical parts



## Options



| t       | Reference                 | KG<br>Kg | A<br>mm | B<br>mm | C<br>mm | D<br>mm | E<br>mm | L<br>mm | F1<br>t | F2<br>t | mm | bar<br>max | l/mn<br>max | Cycle time with / without Speed Valve<br>sec | 360°<br>bar | l/min<br>min/max |
|---------|---------------------------|----------|---------|---------|---------|---------|---------|---------|---------|---------|----|------------|-------------|--|-------------|------------------|
|         |                           |          |         |         |         |         |         |         |         |         |    |            |             |  |             |                  |
| 13 - 22 | BBH014                    | 1433     | 1944    | -       | 600     | 750     | 320     | 470     | 310     | 75      | 30 | 380        | 200         | 3.4/5.3                                      | -           | -                |
|         | BBH014 - BOOSTER          | 1420     |         |         |         |         |         |         | 328     | 79      |    | 330        | 180         | -- / 3.2                                     |             |                  |
| 16 - 22 | BBH014 - ROTATING         | 1797     | -       | 2304    | 600     | 750     | 320     | 470     | 310     | 75      | 30 | 380        | 200         | 3.4/5.3                                      | 140         | 14/20            |
|         | BBH014 - BOOSTER ROTATING | 1785     |         |         |         |         |         |         | 328     | 79      |    | 330        | 180         | --/3.2                                       |             |                  |
| 18 - 32 | BBH020                    | 2150     | 2328    | -       | 920     | 901     | 430     | 565     | 386     | 87      | 40 | 380        | 250         | 4.1/6.3                                      | -           | -                |
|         | BBH020 - BOOSTER          | 2100     |         |         |         |         |         |         | 409     | 92      |    | 330        | 250         | --/3.3                                       |             |                  |
| 20 - 32 | BBH020 - ROTATING         | 2550     | -       | 2725    | 920     | 901     | 430     | 565     | 386     | 87      | 40 | 380        | 250         | 4.1/6.3                                      | 140         | 18/28            |
|         | BBH020 - BOOSTER ROTATING | 2500     |         |         |         |         |         |         | 409     | 92      |    | 330        | 250         | --/3.3                                       |             |                  |
| 24 - 39 | BBH031                    | 3230     | 2671    | -       | 1031    | 1028    | 535     | 670     | 469     | 121     | 60 | 380        | 400         | 3.7/5.7                                      | -           | -                |
|         | BBH031 - BOOSTER          | 3180     |         |         |         |         |         |         | 496     | 128     |    | 330        | 300         | --/3.4                                       |             |                  |
| 29 - 39 | BBH031 - ROTATING         | 3820     | -       | 3065    | 1031    | 1028    | 535     | 670     | 469     | 121     | 60 | 380        | 400         | 3.7/5.7                                      | 140         | 28/40            |
|         | BBH031 - BOOSTER ROTATING | 3770     |         |         |         |         |         |         | 496     | 128     |    | 330        | 300         | --/3.4                                       |             |                  |
| 35 - 45 | BBH1000                   | 3586     | 2619    | -       | 960     | 820     | 484     | 720     | 280     | 76      | 40 | 350        | 400         | 3.5/5.2                                      | -           | -                |
| 45 - 65 | BBH1300                   | 5896     | 3346    | -       | 1206    | 1381    | 575     | 840     | 520     | 150     | 60 | 350        | 400         | 6/9  | -           | -                |
| 55 - 80 | BBH1300 - ROTATING        | 7600     | -       | 4070    |         |         |         |         |         |         |    |            |             |  | 140         | -                |

\* Weight (+ or -3%) with bolted plate

\*\* Weight of excavators : consult us for validation

The forces F1 and F2 are given at maximum pressure



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