

## V Series – big volume shredders

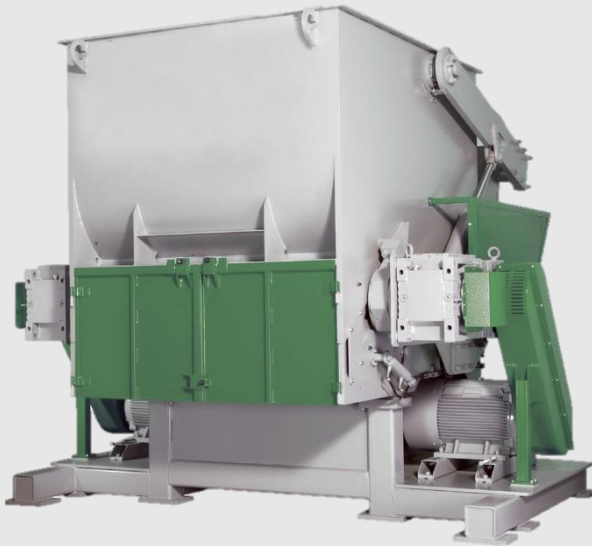
### Recycle post-consumer waste and wood.

#### General Description

The V series shredders are single shaft shredders with a large internal volume. The redesigned hydraulic pusher system creates about 35% more space in the cutting chamber while increasing the power and speed of the ram itself. The machines are equipped with a 457 mm diameter Crushmaster E rotor with widths ranging from 1200 to 2000 mm. As on the G machines the rotor is driven via an oversized gearbox. The completely closed welded steel housing increases the stability and avoids material spillage. The V inherits all of the advantages of the Virtus knife and knife holder design as well as standard features such as outboard bearings, hydraulic screen cradle, it's easy maintainability and advanced controls.

#### Technical Machine Advantages

- 35% more internal volume compared to the G series
- Internal hydraulic pusher
- Variable faster pusher movement
- Smaller footprint compared to traditional shredders with horizontal pushers
- Closed cutting chamber to avoid material spillage



We reserve the right to make technical changes and measurement adjustments ver. 1.0 - 09/2014

| V Series               |                   | V45-120     | V45-150     | V45-200     |
|------------------------|-------------------|-------------|-------------|-------------|
| Rotor diameter         | (mm)              | 457         | 457         | 457         |
| Rotor width            | (mm)              | 1200        | 1500        | 2000        |
| Rotor speed            | (rpm)             | 74          | 74          | 74          |
| Drive capacity         | (kW)              | 55          | 75          | 2 x 55      |
| Rotor knives           | (pcs)             | 54/81       | 68/102      | 96/144      |
| Stator knives          | (rows)            | 1           | 1           | 1           |
| Ram feed drive         | (kW)              | 5.6         | 5.6         | 5.6         |
| Screen size            | (mm)              | >40         | >40         | >40         |
| Cutting chamber volume | (m <sup>3</sup> ) | 2.15        | 2.70        | 3.75        |
| Effective working area | (mm x mm)         | 1400 x 1010 | 1400 x 1290 | 1400 x 1850 |
| Weight (approx.)       | (kg)              | 5000        | 6400        | 8800        |
| <b>Dimensions</b>      |                   |             |             |             |
| A                      | (mm)              | 2560        | 2560        | 2560        |
| B                      | (mm)              | 740         | 740         | 740         |
| C                      | (mm)              | 2140        | 2140        | 2240        |
| D                      | (mm)              | 700         | 990         | 1400        |
| E                      | (mm)              | 1560        | 1850        | 2210        |
| F                      | (mm)              | 2320        | 2635        | 3710        |

