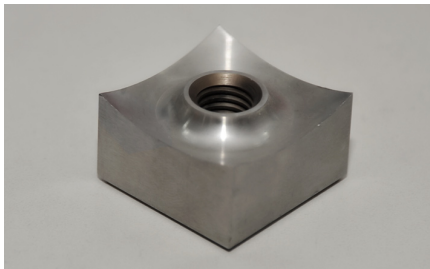


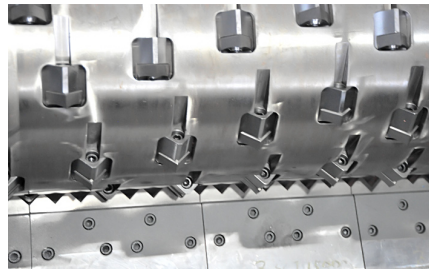
# V Series

## Shredder For Voluminous Parts

- 35% more internal volume compared to the G series
- Internal hydraulic pusher (ram)
- Variable speed, faster pusher movement
- Smaller footprint compared to traditional horizontal pusher style
- shredders enclosed cutting chamber to avoid material spillage
- all advantages of the conventional G series



The shredders use concave ground square knives, producing high quality output. The cutters can be turned after a side is worn out.



All Virtus shredders are equipped with a large diameter flat rotor. The knives are fixed in special knife holders fitted in machined pockets. Optional weld on hard facing is available for abrasive applications.



The internal ram design on the V series allows the cutting chamber volume to be increased while keeping a small footprint. Making the V Shredder ideal for shredding of big volume parts.

### General Description

The V series shredders are single shaft shredders with a large internal volume. The redesigned hydraulic pusher system creates approx 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 Virtus E rotor with widths ranging from 1200mm to 2000 mm. As on the G Series machines, the rotor is driven via an oversized gearbox. The completely enclosed welded steel housing increases the stability and avoids material spillage. The V Shredder incorporates all the traditional advantages of the Virtus knife and knife holder design as well as standard features such as outboard bearings, hydraulic screen cradle, easy maintainability and advanced controls.

### Applications

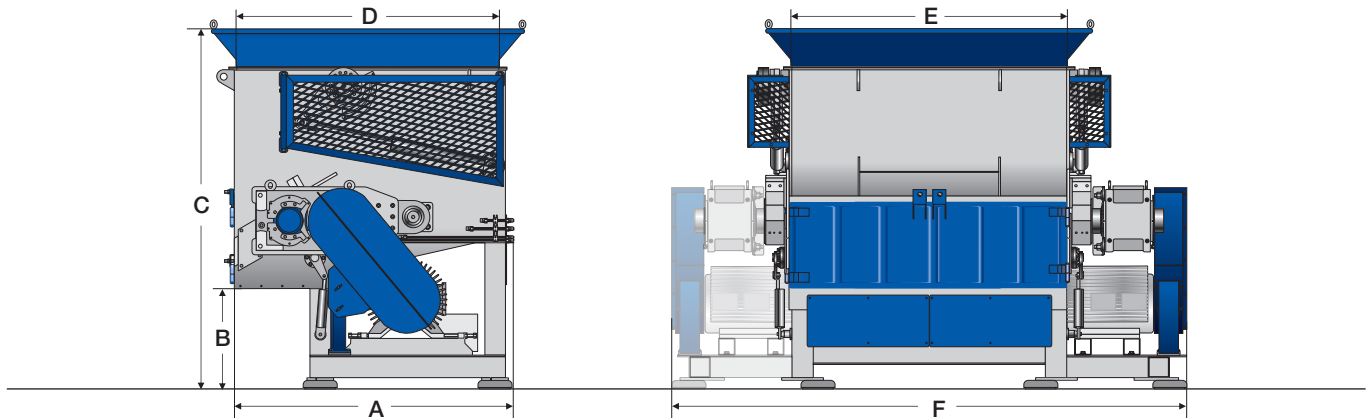
The V shredders have been designed to handle voluminous parts such as IBCs, wheelie bins, pallets, large drums, etc., but also retain the versatility and flexibility to be used for general recycling in the plastic and wood industry. As with all Virtus shredders, the V range can be equipped with a wear package for the processing of highly abrasive, filled materials.

# Virtus

The Right Machine for  
Today's Recycling Requirements

# V Series

## Shredder For Voluminous Parts



### Technical Specifications and Dimensions

#### Model

Rotor diameter (mm)

Rotor width (mm)

Rotor speed (rpm)

Drive capacity (kW)

Rotor knives (pcs)

Stator blades (rows)

Ram feeder drive (kW)

Screen size (mm)

Cutting chamber volume (m<sup>3</sup>)

Effective working area (mm)

Weight approx (kg)

A (mm)

B (mm)

C (mm)

D (mm)

E (mm)

F (mm)

#### 1200

457

1130

74

55

54/81

1

5.6

>40

2.15

1400 x 1010

5000

2070

725

2600

1880

1140

2320

#### 1500

457

1410

74

75

68/102

1

5.6

>40

2.7

1400 x 1290

6400

2070

725

2600

1880

1420

2635

#### 2000

457

1970

74

2 x 55

96/144

1

5.6

>40

3.75

1400 x 1850

8800

2070

725

2600

1880

1980

3710

#### Virtus Equipment

311 Era Drive

Northbrook, IL 60062

Phone: 1-847-291-1800

sales@virtus-america.com

[virtus-equipment.com](http://virtus-equipment.com)

**Virtus**  
The Right Machine for  
Today's Recycling Requirements