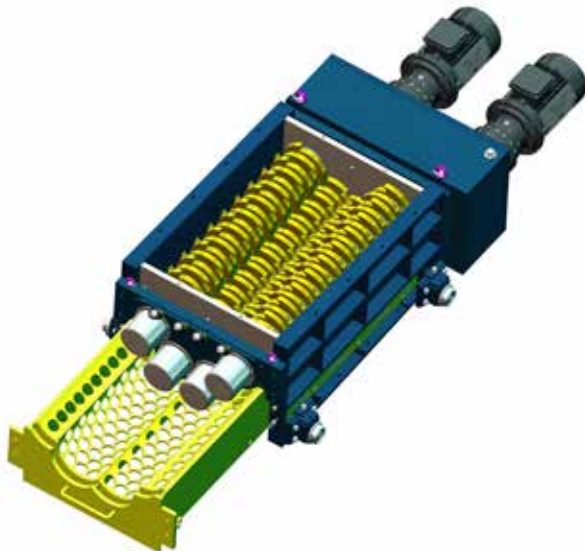


Brentwood heavy duty industrial quad shaft shredders are the ideal solution for difficult to grab products or where sizing of the end product is required. We can supply units up to 110kW with a wide selection of cutters, and various feed and discharge arrangements. Brentwood can customise a shredder to suit your particular shredding requirements.



Sizes from 15kW to 110kW

High torque/low speed = low maintenance

Available with removable screens for product sizing

Planetary gearboxes for exceptional duty cycle and low noise

High surface hardness and core strength, repairable alloy cutters

Hexagonal alloy shafts for superior strength

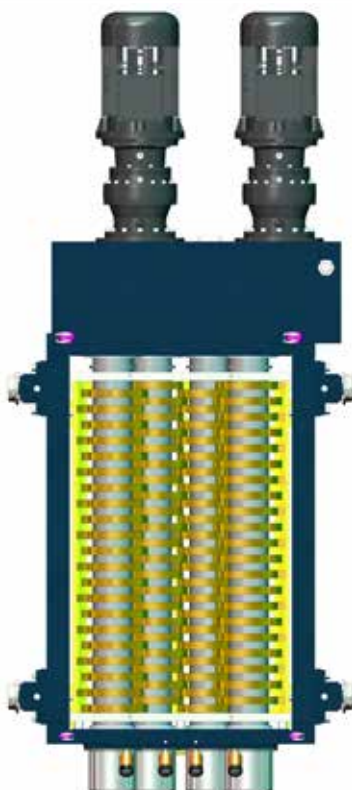
Standard with DOL start. Variable speed drive also available.

Close tolerance cutting action

Permalube system to keep bearings lubricated

Australian made for tough conditions

Fast access to spares and service



**48** QUALITY  
YEARS AUSTRALIAN  
ENGINEERING



Brentwood heavy duty industrial quad shaft shredders are available in a wide range of sizes and configurations.

We can customise a shredder to suit your throughput and sizing requirements. We can also supply infeed, discharge and plant solutions to integrate with your shredder.



## Specifications

Machine	Power (kW)	Full Load Current (amps)	DOL starting current (amps)	Shaft Centres Lower/Upper (mm)	Shaft Diameter (mm)	Standard Cutting Chamber Length (mm)	Cutting Chamber Width (mm)	Machine Length (mm)	Machine Width (mm)	Machine Height (mm)	Weight (kg)	Cutter Options (mm)
QS15WL	15	27	216	180/414	60	700	718	2237	991	500	1900	20/31
QS50HD	37	66	536	229/553	120	1060	820	3127	1300	534	2900	20/31/40/47/62
QS50HD/60	45	80	640	229/553	120	1060	820	3127	1300	534	3000	20/31/40/47/62
QS100/2	75	134	1072	305/719	130	1498	1100	3900	1500	1044	11000	31/47/70/94
QS150W	110	200	1600	365/869	180	1498	1200	4263	1700	765	16000	31/47/70/94

## Options

### Australian Made

Brentwood manufacture our range of shredding and sizing equipment, and infeed/discharge systems at our facility located in Unanderra NSW, Australia

### Cutters

Brentwood cutters can be supplied in various widths and hook configurations. The choice of cutters is determined by the throughput and material size requirements, machine size, and the material to be shredded. Brentwood cutters are manufactured from a high strength alloy steel that is hardened to 60RC. Brentwood cutters are repairable and in many cases can be fully reconditioned by Brentwood.

### Output Sizing

Size of the material is dependent upon the width of the cutters, the number of hooks, and the distance between each hook. Sizing screens can be installed to enable a uniform output size. Talk to Brentwood to understand the right cutter setup for your application.

### Sizing screens

Quad shaft shredders can be fitted with removable sizing screens. These screens enable shredded material to be recirculated in the cutting chamber until they reach a suitable size to drop through the screen. The use of a sizing screen reduces the throughput by around 25%. Screens are available in a range of sizes to suit the cutter size and the application.

### Cutting Chamber Lengths

Our standard cutting chamber lengths are noted above however most Brentwood shredders can be supplied with longer or shorter cutting chambers. This can be advantageous when integrating the shredder to existing plant or if greater throughput is required.

### Hoppers

Brentwood shredders can be supplied with a range of hoppers to suit different feed requirements and materials. Hoppers can be customised to your requirements.

### Stands

Our standard range of stands are designed to suit most applications however we can customise a stand as required.

### Control Panels

Brentwood shredders are supplied with a DOL (Direct on Line) control panel as standard. A PLC is used to manage the shredder control system and the panel is fitted with a HMI screen for easy access to controls and settings. We can also supply a VSD control panel where starting currents may be an issue. The PLC control system also features control for infeed and discharge systems and can be integrated into existing plant control systems.

### Infeed and Discharge Systems

Brentwood manufacture a full range of conveying and lifting systems that can be integrated with your shredder to create a full turn key plant solution. We can design full plants to shred, convey, sort, and recover solid waste streams.

### Spare Parts

Brentwood carry a wide range of parts for our shredders. Call our Spare Parts Team for all your parts requirements

### Service

With regular scheduled maintenance, your Brentwood shredder will give many years of trouble free service. We can advise on a maintenance plan for your machine or we can offer our full service capabilities to maintain your machine for you.