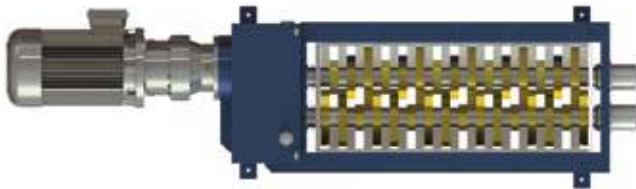
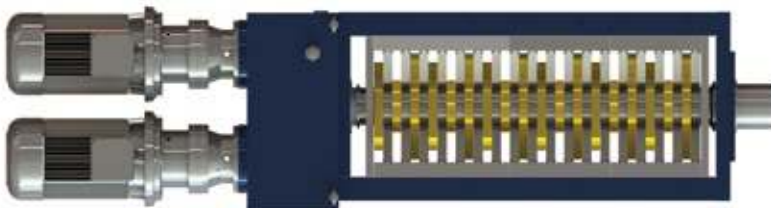


Brentwood Gut Cutters are available in a range of sizes from 15kW up to 37kW with outputs ranging from 3T/hr up to 8T/hr.

Developed in conjunction with the CSIRO, Brentwood Gut Cutters offer superior performance and consistent sizing resulting in reduced fat losses.



AZ15WLG-1000



AZ50HDG



Sizes from 15kW to 37kW

Throughputs from 3T/hr up to 8T/hr

High torque/low speed = low maintenance

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 Brentwood PLC Control Panel with HMI interface and Cat 3 safety.

Auto reverse and overload protection

Close tolerance cutting action

Permalube system to keep bearings lubricated

Australian made for Australian conditions

Fast access to spares and service

| Model | AZ15WLG-700 | AZ15WLG-1000 | AZ15WLG-1200 | AZ50HDG |
|--------------------|-------------|--------------|--------------|---------|
| Capacity (tons/hr) | 3-4 | 4-5 | 5-6 | 7-8 |



Brentwood Gut Cutters are the available in a wide range of sizes and configurations.

Our 15 and 18.5 kW units are dual shaft whereas our 37kW unit is a single shaft unit.

The AZ50HDG is based on our AZ50HDM Pre-breaker.



Specifications

| Gut Cutter Model | Power (kW) | Full Load Current (amps) | DOL starting current (amps) | Shaft Centres (mm) | Shaft Diameter (mm) | Length Over Cutters (mm) | Cutting Chamber Width (mm) | Machine Length (mm) | Machine Width (mm) | Machine Height (mm) | Weight (kg) | Cutter width (mm) |
|------------------|------------|--------------------------|-----------------------------|--------------------|---------------------|--------------------------|----------------------------|---------------------|--------------------|---------------------|-------------|-------------------|
| AZ15WLG-700 | 15 | 27 | 216 | 180 | 60 | 575 | 490 | 2228 | 790 | 420 | 1000 | 38 |
| AZ15WLG-1000 | 15 | 27 | 216 | 180 | 60 | 840 | 490 | 2528 | 790 | 420 | 1100 | 38 |
| AZ15WLG-1200 | 18.5 | 33 | 268 | 180 | 60 | 1108 | 490 | 2762 | 790 | 420 | 1300 | 38 |
| AZ50HDG | 37(2x18.5) | 66 | 536 | 229 | 120 | 1382 | 599 | 3208 | 1008 | 465 | 2300 | 38 |

Features

Cutters

Cutters for our range of gut cutters are 38mm wide dual hook. The design of these cutters was developed in conjunction with the CSIRO to ensure optimal sizing performance. 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

Sizing of the output material from Brentwood Gut Cutters is 38mm x 75mm with some longer pieces possible.

Seal Protection Plates

Seal protection plates with stainless steel bushes are fitted at each end of the cutting chamber to provide a primary layer of protection to the main bearings. The stainless steel bushes are replaceable.

High Pressure Seals

Triple high pressure seals protected by dirt ring shields act as a second secondary layer of protection for the main bearings. This configuration provides the highest level of protection available in our range of shredding equipment.

Cutting Chamber Lengths

Our standard cutting chamber lengths are noted above and take into account seal protection plates at both ends. Brentwood shredders can be supplied with longer or shorter cutting chambers if required. This can be advantageous when integrating the shredder to existing plant or if greater throughput is required.

Hoppers

Hoppers for pre-breakers are specially designed to reduce bridging and allow flow of material into the cutting zone. We can modify our hoppers to suit your upstream configuration.

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 fitted with our NEW HMI interface and PLC control. This panel conform to a Category 3 safety rating and features our unique shredder control program that allows configuration of the shredder to suit your application. This panel also features our Brentwood ECO VARI-DRIVE system for dual motor pre-breakers to assist in power usage reduction.

Infeed and Discharge Systems

Brentwood manufacture a full range of conveying 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.