



Airtight “EZ Shred” shredders for waste reduction.

To compliment the AIRTIGHT SOLUTIONS range of MODULAR dust collectors, ducting, and quality flexible hose we are now offering waste reduction options for woodwaste, rubber, aluminium, paper.

Key Advantages of Airtight EZ shredders:

- ✓ The slow rotating rotor along with the material being forced against it by a hydraulic pusher mean lower noise levels.
- ✓ By grinding the product down in size rather than chipping it = lower power consumption, lower noise, less impact, lower maintenance.
- ✓ The control unit measures the power draw on the rotor drive as well as the hydraulic pressure on the pusher to control the amount of force used during the grinding process.= less strain on the equipment
- ✓ The “V” profiles on the rotor give a stronger cutting head support and less friction from boards pushing directly on the rotor. . = less strain on the equipment
- ✓ The cutter heads are mounted on solid blocks so the fixing screws do not take a shear load, and the head of the fixing screw is protected from wear or damage- (easier and faster change)
- ✓ The diamond shaped cutter heads have less impact when initiating the cut than a round cutter head and the cutter head can be easily rotated up to 4 times. . = lower running costs



Main sizes:

Type	EZ 6	EZ 8	EZ 10	EZ 13
Throughput (Approx for 16/20 screen)	1-1.6 m3/hr of loose wood blocks	1.2-2.0 m3/hr of loose wood blocks	2.0-3.4 m3/hr of loose wood blocks	2.5-4 m3/hr of loose wood blocks
Hopper opening:	600 x 800 mm	800 x 1000 mm	1000x 1200mm	1300x 1200mm
Hopper volume:	0.6 m ³	0.8 m ³	1.3 m ³	1.5 m ³
Rotor Diameter:	252 mm	252 mm	386mm	368 mm
Rotor Length:	600 mm	800 mm	1000 mm	1300 mm
Rotor Speed:	60 – 100 rpm	60 – 100 rpm	60 – 100 rpm	60 – 100 rpm
Connection-Ø:	200 mm	200 mm	250 mm	250 mm
Dimensions.: L x W x H (m)	1.8L x 1.2W x 1.6H	1.8Lx 1.4W x 1.6H	2.4L x 1.4W x 1.7H	2.4L x 1.7W x 1.7H
Weight:	1400 kg	1500 kg	2800 kg	3200 kg
Power Motor:	18.5 kW	18.5 kW	30 – 37 kW	37 – 45 kW
Cutting System:	30 x 30 mm Concave headed cutters			
Screen Size(mm):	16/20 mm common for chipboard/mdf. 20/25mm common for pine off cuts. 10/12 mm common for briquetting . Various sizes available depend on throughput required.			
Throughput	The throughput rate depends on material composition & screen size			
Control:	Electronic control using a PLC. All controls housed in an IP44 control cabinet			
Voltage:	400 V +/- 5% / 50 Hz			



Airtight Solutions Ltd

PO BOX 112-358
Penrose
AUCKLAND 1642

www.airtight.co.nz

ph: 0800 247 844
fax: 09 579 4004



Airtight Pty Ltd

PO BOX 1250
Baulkham Hills
NSW 1755

www.airtight.com.au

ph: 1800 424 784
fax: 1800 003 277