

# SINGLE SHAFT SHREDDERS

## MODEL DGS

In Stock • 12 Month Warranty on Parts & Labour • Installation, Service & Maintenance Packages Available



SIZE REDUCTION - MADE EASY

EST.  1932

# PERRY

PERRY PROCESS EQUIPMENT LTD

A PERRY EQUIPMENT COMPANY

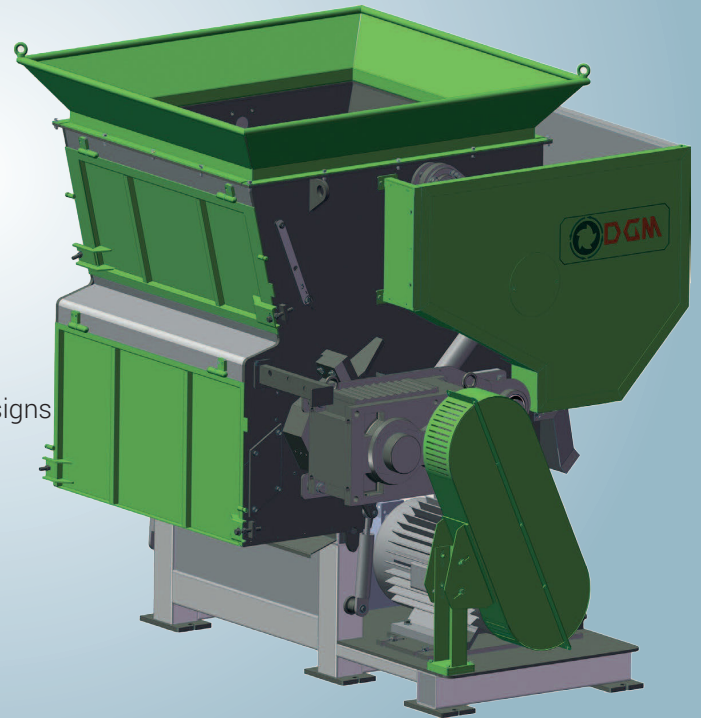
# INTRODUCTION

Perry Process Equipment Ltd are appointed UK agents of DGS general purpose single shaft shredders. We have a selection of models in stock and therefore immediately available for sale.

The DGS general purpose single shaft shredder has a 457mm diameter profiled rotor made of solid steel, operating at a speed of 74rpm. The concave ground, aggressive 4-way rotating knives are mounted in the grooves of the profiled rotor with special knife holders. This enables a reduction of the cutting gap between the counter knives and the rotor which guarantees a high flow rate, low power consumption and maximum output of shredded material.

## KEY FEATURES

- Large diameter flat rotor
- Machined pocket knife holders
- Optional hard facing
- Concave ground square knives
- Robust ram construction
- Heavy duty guide bearings
- Universal couplings
- Low speed, high torque geared drive
- Reduced footprint - compared to horizontal pusher designs
- Powerful hydraulic swing type ram
- Bolt in drive shafts
- Oil cooling on ram and gearbox
- Two speed hydraulic system
- Multiple rotor designs
- Ram comb plate
- Amp meter control



## DESCRIPTION

The hydraulically operated ram feeds the material automatically in the rotor's cutting chamber by load-related controls. The hydraulic system is equipped with high-pressure valves and volumetric flow controls which can be set according to the requirements of the input material.

Extremely robust pedestal bearing housings are mounted outside the machine and separate to the cutting chamber to prevent dust and dirt penetrating into the oversized bearings. This ensures a long service life and minimum service and maintenance.

Power is transmitted from the motor by a drive belt via an oversized gearbox which is located on the shaft end on one end of the rotor.

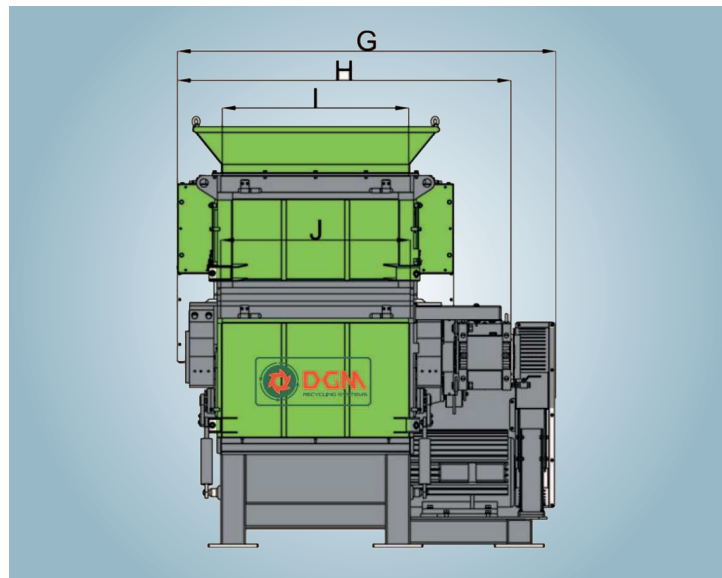
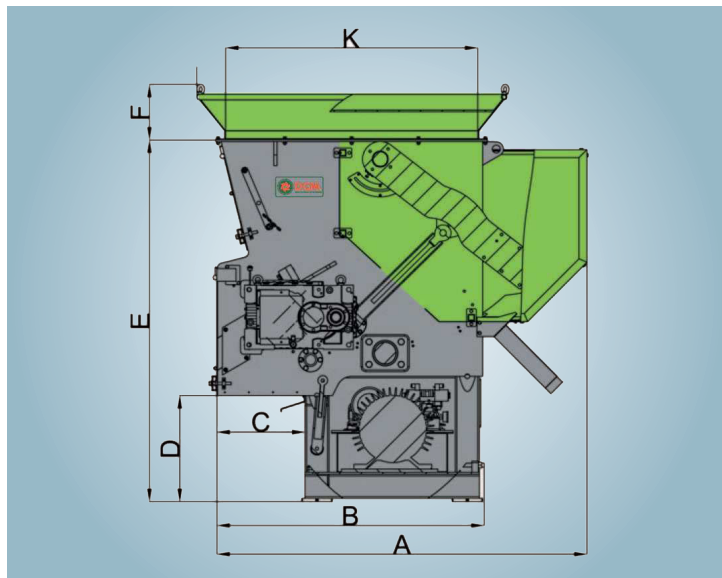
A safety switch prevents machine startup when the front panel is open and the machine features emergency stop buttons on the machine body and control panel.

## OPTIONS

- |                            |                                 |
|----------------------------|---------------------------------|
| ■ Hydraulic screen cradle  | ■ Touch screen PLC              |
| ■ Gearbox with shrink disc | ■ Hopper mounted viewing mirror |
| ■ Rotor cooling            | ■ Increased motor drive         |
| ■ Pipe spacer              | ■ Hydraulic drive               |

# SPECIFICATIONS

ITEM	UNIT	850	1200	1500	2000
Cutting Chamber	mm	840x1570	1120x1570	1400x1570	1960x1570
Rotor Diameter	mm	457	457	457	457
Rotary Speed	rpm	74	74	74	74
Motor Power	kw	37/45/55	55	75	2x55/2x75
Rotor Knife	pcs	60	81	102	144
Stator Knife	pcs	2x3	2x4	2x5	2x7
Hydraulic Power	kw	3.75	5.6	5.6	5.6
Screen Size	mm	40-100	40-100	40-100	40-100
Shredding Chamber Size	mm	800x730	800x1000	800x1290	800x1860
Dimension A	mm	2300	2300	2300	2300
Dimension B	mm	1650	1650	1650	1650
Dimension C	mm	540	540	540	540
Dimension D	mm	660	660	660	660
Dimension E	mm	2250	2250	2250	2250
Dimension F	mm	350	350	350	350
Dimension G	mm	2000	2280	2600	3720
Dimension H	mm	1730	2000	2340	3340
Dimension I	mm	840	1120	1400	1960
Dimension J	mm	860	1140	1420	1980
Dimension K	mm	1570	1570	1570	1570



# APPLICATIONS

DGS Shredders have been designed with a wide range of applications and industries in mind such as:

Plastics • Wood • Biomass • Paper • Alternative Fuels (RDF / SRF) • Domestic & Commercial Waste

## AFTERSALES SERVICE & SUPPORT

All machines are sold with a 12 month parts and labour warranty, giving our customers total peace of mind when buying brand new shredders from Perry.

In addition to the warranty, installation, service and maintenance packages are available to include blade changing and sharpening.

For more information, contact us on +44(0) 1325 315 111

## PERRY PROCESS EQUIPMENT LTD

We supply high quality new and used process plant and equipment. With equipment immediately available from stock and competitively priced, we are one of the leading dealers of used machinery worldwide. Established in the UK in 1990, we go beyond just buying and selling equipment. We have a team of experienced and knowledgeable staff to assist with equipment sourcing, mechanical refurbishment, international payment options, export packing and logistics, equipment disposal, and support with the dismantling and removal of plants, lines and equipment. We can supply a selection of new manufactured process equipment. Some of these items we have in stock and immediately available for sale, but they can also be manufactured to your specific requirements.

## DGM RECYCLING SYSTEMS

Since its foundation DGM Recycling Systems have been at the forefront of innovation and technology in the development of cost effective and reliable recycling solutions. As a wholly owned subsidiary of Miracle Automation Engineering Group, a pioneer in automation systems for the automotive and material handling industries, DGM continues to strive for excellence in the field of size reduction and recycling. Utilizing core German design and technology, DGM have expanded their scope of applications to include plastics, timber, rubber, biomass and many other industries where size reduction and materials processing are critical. Their dedication to product development and attention to individual customer needs means they are well equipped to offer successful business solutions and tailor-made processing plants to their customers.

### PERRY PROCESS EQUIPMENT LTD

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