

HEAVY DUTY GRANULATORS

MODEL DGH

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

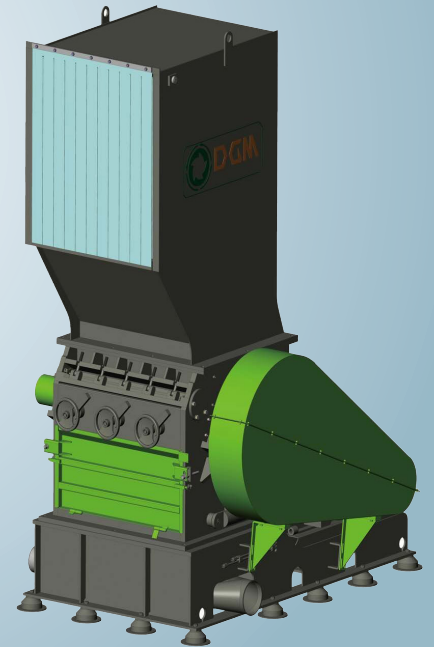
INTRODUCTION

Perry Process Equipment Ltd are appointed UK agents of DGH model general purpose heavy duty granulators. We have a selection of models in stock and therefore immediately available for sale.

The DGH general purpose heavy duty granulator has a centrally hinged two-piece cutting chamber with a robust welded steel construction, with the upper and lower sections of the housing meeting horizontally. Reversible stator knives with double cutting edges are fitted as single elements to the lower section of the housing, allowing multiple re-sharpening and adjustment of the stator knives. There is a hinged screen cradle and hinged door for easy screen access.

KEY FEATURES

- Deflector wedge
- V-cut technology
- Heavy duty bearings
- Oversized external bearing housings
- Knives are externally adjustable
- Robust welded steel construction
- Wide choice of rotor variations
- Electrical hydraulic control to open housings
- Electrical hydraulic control to open screen cradle
- Replaceable wear plates
- Amp meter control



DESCRIPTION

The rotor is a heavy duty paddle type design with knife cover plates to protect the blades when processing abrasive applications. The knife mounting bolts are screwed into the mounting plates as opposed to the rotor. All knives are manufactured from chrome nickel tool steel as standard, but when processing applications that are particularly abrasive the DGH granulators can be fitted with a specially designed wear resistant rotor utilizing wear resistant steel parts and hardox facing.

The v-cut cutting geometry offers distinct advantages over other rotor designs, including higher throughput with reduced power consumption, better quality cut, and lower noise levels. The specially designed knife setting jig allows the knives to be adjusted from outside the machine, significantly reducing the downtime required to change/set knives.

The base frame has a solid welded construction with anti-vibration rubber feet to reduce vibration and noise. The drive motor is mounted on tension rails to allow easy adjustment of the V-belt tension. Integrated suction trough for material discharge. Specially designed hopper with 3 sets of curtains to prevent material flybacks. Integrated rundown safety device prevents access to the rotor until it has come to a complete stop. 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.

APPLICATIONS

DGH Heavy Duty Granulators 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 |

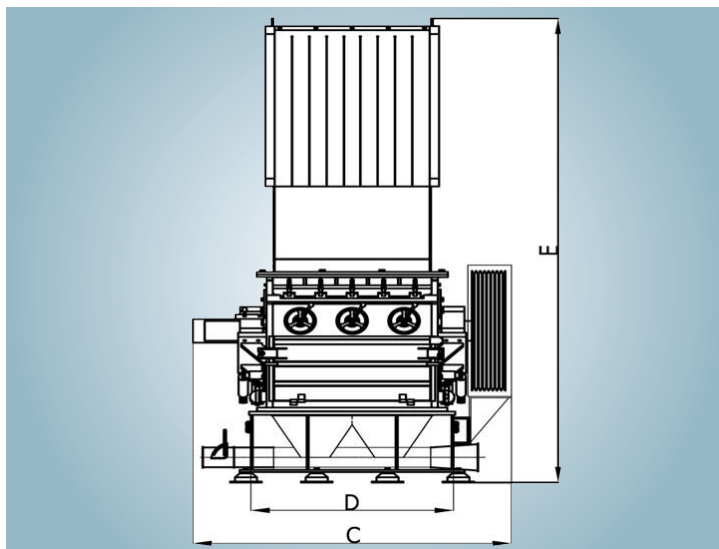
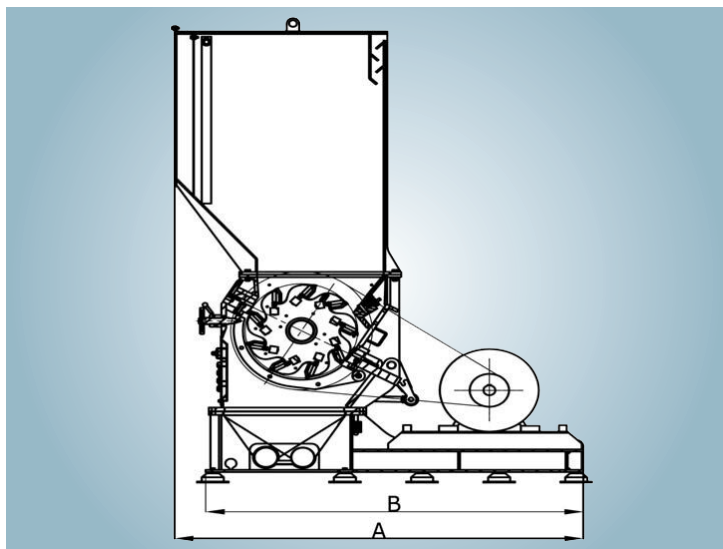
OPTIONS

Extra flywheel • Double infeed hopper • Roller feeder • Mounted screw feeders in hopper

Winding protection • Metal detector • Metal separator • Bespoke colour scheme • Increased motor drive

SPECIFICATIONS		350/500	500/600	600/800	500/1000
Rotor Diameter (mm)		350	500	600	500
Rotor Width (mm)		500	600	800	1000
Rotor Knives (pcs)		3x2/5x2	3x2/5x2	5x2/7x2	3x2/5x2
Stator Knives (rows)		2/3	2/3	2/3	2/3
Cutting Chamber Dimensions (mm)		516 x 460	636 x 590	790 x 695	985 x 590
Motor Power (kW)		22 - 30	37 - 55	55 - 90	55 - 90
Dimensions	A (mm)	1800	2080	2300	2230
	B (mm)	1600	1850	2100	2000
	C (mm)	1250	1530	1850	1950
	D (mm)	770	940	1120	1350
	E (mm)	2500	2620	3000	2860

SPECIFICATIONS		700/1000	800/1200	900/1600	800/2000
Rotor Diameter (mm)		700	800	800	800
Rotor Width (mm)		1000	1200	1600	2000
Rotor Knives (pcs)		7x2/9x2	7x2/9x2	7x4/9x4	7x4/9x4
Stator Knives (rows)		2/3	2/3	2/3	2/3
Cutting Chamber Dimensions (mm)		985 x 800	1150 x 915	1570 x 915	1960 x 915
Motor Power (kW)		90 - 132	110 - 160	132 - 200	160 - 200 x 2
Dimensions	A (mm)	2800	3100	3140	2740
	B (mm)	2500	2800	2800	2600
	C (mm)	2060	2360	2800	3460
	D (mm)	1290	1530	1960	2250
	E (mm)	3420	3820	4250	4775

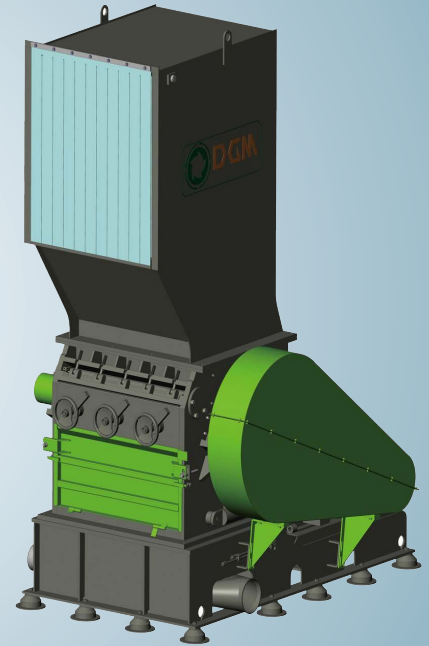


AFTERSALES SERVICE & SUPPORT

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

📍 Station Road
Aycliffe Business Park
Newton Aycliffe

County Durham
DL5 6EQ
England

☎ +44(0) 1325 315 111
✉ info@perryprocess.co.uk
WWW.PERRYPROCESS.CO.UK

EST.  1932

PERRY
PERRY PROCESS EQUIPMENT LTD
A PERRY EQUIPMENT COMPANY