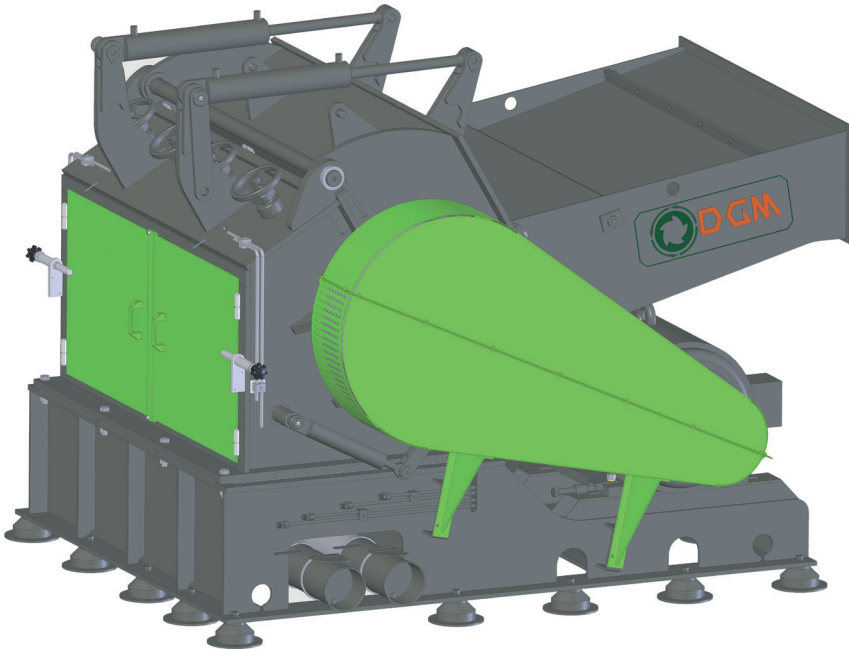


# DGP PIPE/PROFILE GRANULATOR

DGA/DGS/DGX/DGR/DGD/DGC/DGE/DGH/DGP/DPM



## KEY FEATURES >

- Near horizontal feeding hopper
- Specially designed 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 housing
- Electrical hydraulic control to screen cradle
- Replaceable wear plates
- Amp meter control

## OPTIONS >

- Block blades for deflector wedge
- Extra flywheel
- Winding protection
- Metal detector
- Metal separator
- Bespoke colour scheme
- Increased motor drive

## GENERAL DESCRIPTION >

The DGP Pipe/Profile Granulator has a near horizontal feeding hopper to allow easy feeding of long pipes or profiles – it has special feeding slots and an angled rotor which pulls the lengths of material into the cutting chamber. It 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.

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 DGP 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. Specially designed knife setting jig means that the knives can 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.

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 machin

## APPLICATIONS >

DGP Pipe/Profile Granulators have been designed with a wide range of applications and industries in mind such as: **PLASTICS / WOOD (specifically long lengths of material such as pipes, profiles, sheets, etc.)**



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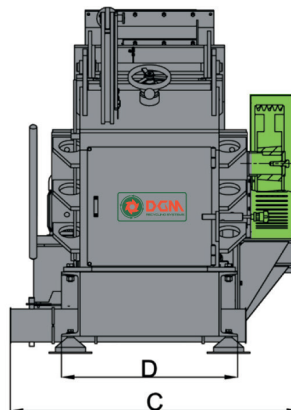
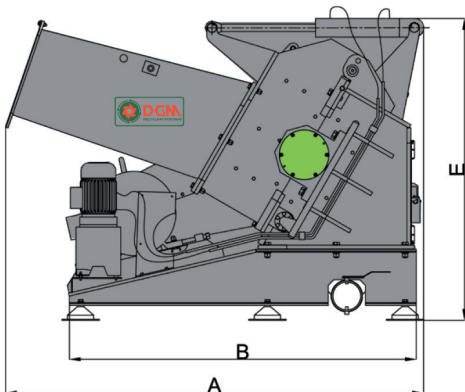
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## SPECIFICATION >

ITEM	UNIT	600/500	560/700	560/1000	700/1400	
Infeed Opening	mm	440x440	640x280	910x280	1440x320	
Rotor diameter	mm	600	560	560	700	
Rotor speed	rpm	560	470	470	410	
Main motor power	kw	37 - 45	55 - 75	75 - 90	90 - 110	
Rotor Knives	pcs	5x2	5x2	5x2	5x2/7x2	
Stator Knives	rows	2	2	2	2	
Hydraulic Ram Power	kW	1.5	1.5	1.5	1.5	
Screen Size	mm	6-30	6-30	6-30	8-30	
Effective Working Area	mm	516x498	716x650	985x650	1400x700	
Dimensions	A	mm	2250	2400	2400	2480
	B	mm	1860	2200	2200	2320
	C	mm	1350	1800	2050	2400
	D	mm	820	1060	1480	1840
	E	mm	1620	1750	1750	1980



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