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G46 SERIES MEDIUM DUTY GRANULATOR

Medium Sized, Medium Duty Granulator

Ideally suited for most injection and Blow moulded parts

A good medium size, Medium Duty Granulator
Motor 7.5KW - 30KW.

CUTTING CHAMBER

The cutting chambers are made entirely of high quality steel. CNC machined and ground before assembly. Long life is ensured by the use of heavy wall sections and high grade material that will not contaminate the material being ground. The design allows for easy disassembly, repair and maintenance.



ROTOR

The rotors are manufactured from high tensile steel and are balanced for stable running. The rotors are manufactured with scissor cut action. The Rotor design allows for easy removal and set-up of the blades and gives a consistent particle size.

BLADES

Blades are manufactured from either D2 or D3 material and through hardened to give maximum resistance and durability on the cutting edge.

SCREEN

The long life screens are manufactured from high strength pipe or formed from high grade plate as required. Many different hole sizes are offered and easy removal and installation allow you to tailor the machine to your needs.

Pulley

The pulleys are fitted to the shaft with taper lock bushes, which allows for maximum security. The inertia created by the large pulley assures a steady and reliable operation while the taperlock bush allows for ease of maintenance.

Hopper

The hoppers are enclosed with sound proofing material to reduce the noise levels. Double row curtains are provided in the hopper mouth to minimise throw back during operation.

Machine

Avian G46 Series Granulators are completely enclosed with soundproofing materials to reduce noise levels.

G46 Series Granulator data:

Model	MotorKW	CuttingChamber	Rotary Blades	Stationary Blades	Screen Holes
G46/30	7.5 - 11	460 x 310mm	3	2	3 - 25mm
G46/40	11 - 15	460 x 410mm	3	2	3 - 25mm
G46/60	15 - 18.5	460 x 620mm	6	4	3 - 25mm
G46/80	22	460 x 800mm	6	4	3 - 25mm
G46/110	30	460 x 1100mm	6	4	3 - 25mm

Model	Output kg/hr	Blower KW	Weight (kg)	Hopper Opening (mm)	Length x Width X Height (mm)
G46/30	100 - 150	1.1	1000	310 x 450	1240 x 950 x 1850
G46/40	150 - 200	2.2	1200	410 x 450	1240 x 1050 x 1850
G46/60	200 - 300	2.2	1600	620 x 500	1400 x 1260 x 1900
G46/80	300 - 500	4	2000	800 x 500	1440 x 1440 x 1900
G46/110	400 - 600	5.5	2800	1100 x 500	1440 x 1740 x 1950