

Plastic Granulators MG30/40 Series

Plastic Granulators MACHTEK MG30/40 Series are mid-speed granulators with efficiency up to 900 kg of regrind per hour.

They are commonly used to granulate all kinds of plastic waste in recycling plants.

They are also ideal as a central granulator or a beside the press granulator for direct recycling of plastic waste and rejects from injection moulding and blow moulding processes.



Plastic Granulators MG30/40 Series are designed with CSCG technology which guarantees continuous operation, perfect sealing of cutterhouse for low noise and dust and uniform regrind size with a minimum of dust and fines.



Granulators MG30/40 Series knives are made from high quality steel.

More MG30/40 Series technical features:

- a unique structure which allows to reduce friction heat and thus allows for a long work without pauses, as well as perfect conditions of use of the blades and sieve.
- are equipped with hardened bilateral screens to enhance their working life
- is easy to use thanks to direct access to the grinding chamber, which allows to clean it thoroughly if you change the type or colour of the granulated material and want to avoid contamination
- replacement of fixed and rotating blades is also quick and easy
- equipped with a pneumatic servomotor, which allows to access the granulator's interior
- the blades can be sharpened numerous times to decreased the costs of use
- ensures comfortable work environment thanks to the low levels of noise, dust and vibrations
- has a stout and mobile structure (equipped with wheels, fit to move around with a forklift)
- additional custom-made elements allow for certain adjustment for specific needs

Plastic Granulators MG30/40 Series Technical Specifications

	Granulator MG30A	Granulator MG30B	Granulator MG40
Motor power	15 kW	22 kW	30 kW
Optional motor power	11 or 18,5 kW	18,5 or 30 kW	22 or 37 kW
Knives rotation speed	480 rpm	480 rpm	480 rpm
Knives material		Steel 9CrSi	
Rotating knives	18 pieces	21 pieces	24 pieces
Fixed knives	4 pieces	4 pieces	6 pieces
Rotor diameter	300 mm	360 mm	400 mm
Cutterhouse dimensions	230x300 mm	250x400 mm	260x500 mm
Screen hole diameter		8 mm	
Optional screen hole diameter		4, 6, 10, 12, 14, 18, 25 mm	
Hardened screen		optional	
Blower		standard	
Bin (instead of blower)		optional	
Cyclone dust separator		optional	
Efficiency	up to 550 kg/h	up to 650 kg/h	up to 900 kg/h
Noise level		75-90 dB	
Size (depth x width x height)	930x680x1120mm	1150x820x1280mm	1200x880x1400mm
Weight	400 kg	550 kg	850 kg



MACHTEK Plastic Granulators MG30/40 Series come with a blower and cyclone dust separator or with a practical bin.

