MACHTEK sp. z o.o. tel. +48 518 374 309 e-mail: biuro@machtek.pl



## **Plastic Granulators**

## Plastic Granulators MACHTEK Series MG 30 and 40 MACHTEK Plastic Granulators are medium-speed granulator with efficiency from 550 up to 900 kg of regrind per hour.

- are equipped with CSCG technology to ensure the stable size of the granulate, tightness of the grinding chamber and low dust level
- 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
- are 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
- 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

MG-30A GranulatorMG-30B GranulatorMG-40 GranulatorMotor power15 kW22 kW30 kWOptional motor power11 or 18,5 kW18,5 or 30 kW22 or 37 kWKnives rotation speed				
Optional motor power11 or 18,5 kW18,5 or 30 kW22 or 37 kWKnives rotation speed		MG-30A Granulator	MG-30B Granulator	MG-40 Granulator
motor power11 or 18,5 kW18,5 or 30 kW22 or 37 kWKnives rotation speed	Motor power	15 kW	22 kW	30 kW
Knives material9CrSi steelRotating knives18 pcs21 pcs24 pcsFixed knievs4 pcs4 pcs6 pcsRotor diameter300 mm360 mm400 mmCutterhouse dimensions300 x 600 mm360 x 700 mm400 x 800 mmScreen hole diameter8 mm400 x 800 mm400 x 800 mmOptional screen4,6,10,12,14,18,25 mm100 x 300 kg/h100 x 300 kg/hHardened screenup to 20 kg/hup to 30 kg/hup to 30 kg/hBlower0ptional0ptional100 x 300 kg/hCyclone dust separatorup to 550 kg/hup to 650 kg/hup to 900 kg/hNoise level120 x 1200 x 1520 mm1600 x 1270 mm1600 x 1270 mmSize1220 x 1200 x 1520 mm1460 x 1270 mm1600 x 1270 mm		11 or 18,5 kW	18,5 or 30 kW	22 or 37 kW
Rotating knives18 pcs21 pcs24 pcsFixed knievs4 pcs4 pcs6 pcsRotor diameter300 mm360 mm400 mmCutterhouse dimensions300 x 600 mm360 x 700 mm400 x 800 mmScreen hole diameter300 x 600 mm360 x 700 mm400 x 800 mmOptional screen hole diameter8 mm8 mmHardened screenoptionalEfficiencyup to 20 kg/hup to 30 kg/hBloweroptionalCyclone dust separatoroptionalEfficiencyup to 550 kg/hup to 650 kg/hNoise level75 - 95 dBSize1220 x 1200 x 4520 mm1460 x 1200 x 1720 mmSize1220 x 1200 x 4520 mm1460 x 1200 x 1720 mm	Knives rotation speed	480 rpm		
Fixed knievs4 pcs4 pcs6 pcsRotor diameter300 mm360 mm400 mmCutterhouse dimensions300 x 600 mm360 x 700 mm400 x 800 mmScreen hole diameter300 x 600 mm360 x 700 mm400 x 800 mmOptional screen hole diameter8 mm8 mmHardened screen	Knives material	9CrSi steel		
Rotor diameter300 mm360 mm400 mmCutterhouse dimensions300 x 600 mm360 x 700 mm400 x 800 mmScreen hole diameter8 mm8 mmOptional screen hole diameter8 mmHardened screen	Rotating knives	18 pcs	21 pcs	24 pcs
Cutterhouse dimensions300 x 600 mm360 x 700 mm400 x 800 mmScreen hole diameter8 mmOptional screen hole diameter4,6,10,12,14,18,25 mmHardened screenoptionalEfficiencyup to 20 kg/hup to 30 kg/hBloweroptionalCyclone dust separatoroptionalEfficiencyup to 550 kg/hup to 650 kg/hNoise level75 - 95 dBSize1220 x 1200 x 1520 mm1460 x 1200 x 1700 mmSize1220 x 1200 x 1520 mm1460 x 1200 x 1700 mm	Fixed knievs	4 pcs	4 pcs	6 pcs
Screen hole diameter8 mmOptional screen hole diameter4,6,10,12,14,18,25 mmHardened screenoptionalEfficiencyup to 20 kg/hup to 30 kg/hBloweroptionalCyclone dust separatoroptionalEfficiencyup to 550 kg/hup to 650 kg/hNoise level1220 x 1200 x 1520 mm1460 x 1200 x 1700 mmSize1220 x 1200 x 1520 mm1460 x 1200 x 1700 mm	Rotor diameter	300 mm	360 mm	400 mm
Optional screen hole diameter   4,6,10,12,14,18,25 mm     Hardened screen   optional     Efficiency   up to 20 kg/h   up to 30 kg/h   up to 30 kg/h     Blower   optional   optional     Cyclone dust separator   optional   up to 550 kg/h   up to 650 kg/h   up to 900 kg/h     Efficiency   up to 550 kg/h   up to 650 kg/h   up to 900 kg/h     Size   1220 x 1200 x 1520 mm   1460 x 1200 x 1700 mm   1500 x 1260 x 2100 mm	Cutterhouse dimensions	300 x 600 mm	360 x 700 mm	400 x 800 mm
Hardened screen   optional     Efficiency   up to 20 kg/h   up to 30 kg/h   up to 30 kg/h     Blower   optional   optional     Cyclone dust separator   optional   optional     Efficiency   up to 550 kg/h   up to 650 kg/h   up to 900 kg/h     Noise level   75 - 95 dB   Size   1220 x 1200 x 1520 mm   1460 x 1200 x 1700 mm   1500 x 1260 x 2100 mm	Screen hole diameter	8 mm		
Efficiency   up to 20 kg/h   up to 30 kg/h   up to 30 kg/h     Blower   optional   optional     Cyclone dust separator   optional   up to 550 kg/h   up to 650 kg/h   up to 900 kg/h     Efficiency   up to 550 kg/h   up to 650 kg/h   up to 900 kg/h     Noise level   75 - 95 dB   Size   1220 x 1200 x 1520 mm   1460 x 1200 x 1700 mm   1500 x 1260 x 2100 mm	Optional screen hole diameter	4,6,10,12,14,18,25 mm		
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 - 95 dB   Size 1220 x 1200 x 1520 mm 1460 x 1200 x 1700 mm 1500 x 1260 x 2100 mm	Hardened screen	optional		
Cyclone dust separator   optional     Efficiency   up to 550 kg/h   up to 650 kg/h   up to 900 kg/h     Noise level   75 - 95 dB     Size   1220 x 1200 x 1520 mm   1460 x 1200 x 1700 mm   1500 x 1260 x 2100 mm	Efficiency	up to 20 kg/h	up to 30 kg/h	up to 30 kg/h
Efficiency     up to 550 kg/h     up to 650 kg/h     up to 900 kg/h       Noise level     75 - 95 dB       Size     1220 x 1200 x 1520 mm     1460 x 1200 x 1700 mm     1500 x 1260 x 2100 mm	Blower	optional		
Noise level     75 - 95 dB       Size     1220 x 1200 x 1520 mm     1460 x 1200 x 1700 mm     1500 x 1260 x 2100 mm	Cyclone dust separator	optional		
Size 1220 x 1200 x 1520 mm 1460 x 1200 x 1700 mm 1500 x 1250 x 2400 mm	Efficiency	up to 550 kg/h	up to 650 kg/h	up to 900 kg/h
1220 x 1200 x 1520 mm 1460 x 1200 x 1700 mm 1500 x 1250 x 2100 mr	Noise level	75 - 95 dB		
		1230 x 1200 x 1520 mm	1460 x 1200 x 1700 mm	1500 x 1350 x 2100 mm
Weight     1000 kg     1200 kg     2000 kg	Weight	1000 kg	1200 kg	2000 kg

MACHTEK sp. z o.o. Łekno 23, 76-037 Będzino, Poland www.machtek.pl

