

MG OSCILLATING GRANULATOR

general features

The MG granulator has been designed for the preparation of granules in dry or wet phase and is especially useful for the conditioning of tablets and pills for the pharmaceutical, cosmetic, and chemical sectors.



They use a mechanical system to achieve regular particle size reduction, with a very narrow granulometric spectrum.

The MG granulators feature a horizontal rotor with hexagonal-profile bars. These bars rotate in an oscillating movement inside a semi-cylindrical sieve, crushes the large pieces of material, homogenizing the grain size according to the installed sieve.

This sieve is assembled on a rigid structure, perfectly aligned, without contact with the rotor, preventing wear or contamination caused by metal-on-metal friction.

It enables to control the grain size to be obtained by adjusting the sieve tension and the rotor speed.

The body of the MG granulators is robust, featuring two dust-tight rotor supports and a front hinged door, facilitating the easy change and cleaning of the rotor and sieve. This ensures compliance with GMP standards.

The granulation chamber and its drive system are assembled on a sturdy stainless steel bedplate prepared to support the machine on the floor. Alternatively, the bedplate can be

omitted to install the machine in line. According to the process and type of assembly, these granulators can be supplied with loading and unloading hoppers.

Technical data

Model	MG-250	MG-500
Motor power (kW)	0.75	0.75
Speed range with motovariator (rpm)	78 - 454	78 - 454
Speed range with geared motor (rpm)	80 - 374	80 - 374
Loading hopper capacity (L)	15	37
Discharge hopper capacity (L)	9	18



View of the interior of an MG granulator