

G40 Series

GRANULATORS

Models: **G40-70 (16 x 28)**
 G40-90 (16 x 36)

The G40 Series granulators are perfect for injection, blow molding, extrusion, thermoforming, recycling applications and general-purpose operation. These energy efficient granulators conserve valuable floor space while producing quality regrind. These models feature tangential feed cutting chambers and manually tilting hopper for easy cleaning and maintenance. The G40 series feature throughput rates from 770 to 1,500 lbs/hr (350 to 700 kg/hr) in a compact package designed to accommodate tight spaces and conveyor or robot drops.



*Soundproofed
G40 Series pictured above.*

Standard Specifications & Features:

- Removable protection flaps for easy cleaning;
- Medium 450 RPM rotor speed ideal for beside the machine and batch feed processing of most materials;
- Granulator assembled on adjustable pads;
- Feed hopper - suitable for manual or conveyor feed with manual screwjack to open and close;
- Cutting chamber:
 - Machined and bolted construction for high precision and durability; includes wear-resistant side plates
 - Scooped-open rotor for more positive ingestion of bulky parts
 - Two reversible (2+2) bed knives, having a wear compensating unit
 - All Piovan knives made of D2 steel tempered to 56-58 HRC for high-wear resistance;
- V-belt drive with solid flywheel type drive pulley;
- Reversible screen – choice of 5/16" (8 mm) or 3/8" (10 mm) diameter holes;
- Electrical supply required 460V/3/60Hz;
- Low voltage push-bottom unit and safety interlocks;
- Twin shear rotor;
- Adjustable rotating and stationary knives
- Mechanical brake to lock rotor for maintenance; and
- Zero speed sensor for safety interlock.

Options:

- Motor 40HP for UDG40-70;
- Motor 50HP for UDG40-90 ;
- Complete integral full sound enclosure;
- Heavy duty casters;
- Wear-resistant cutting chamber, NIPLOY treatment;
- Additional rear-entry feed chute for feeding long, wide and relatively flat parts; and
- Additional side-entry feed chute for feeding long pipe/profile type parts.

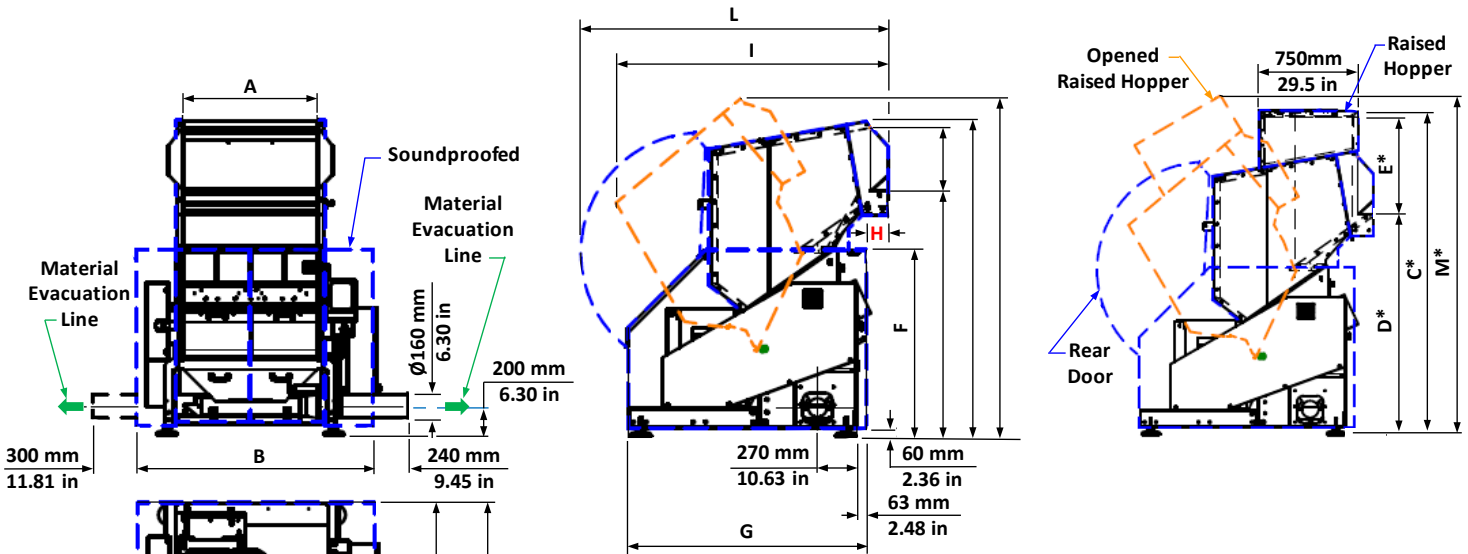
Accessories:

- Pneumatic evacuation systems
- Fines separation systems

Safety:

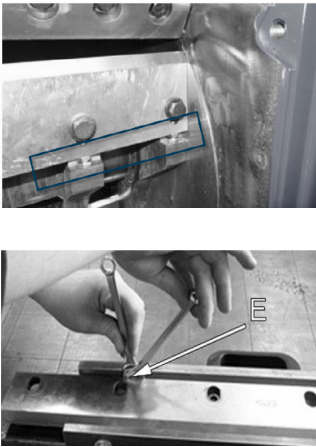
- High safety standards
- Mechanical rotor brake locks rotor for safe servicing
- Rotor movement sensor insures zero speed and releases safety interlocks





Adjustable Rotary Knives:

- Allows for constant cutting circle, maintaining an optimal distance between rotor knives and screen after the knives have been sharpened;
- Allows for smallest knife gap possible for highest quality regrind, reduced power consumption, reduced heat generation and highest throughput;
- Allows for longer knife life by allowing for the minimal amount of material to be taken from each knife when re-sharpening. Knives do not have to be sharpened as a set, as each knife is gapped independently of the other; and
- Knife gap adjustment fixture for easy and accurate gap adjustment outside of the unit.



Dimensions & Specifications:

		A	B	C	C*	D	D*	E	E*	F	G	H	I	L	M	M*
UDG 40-70	in	712	1410	2150	2460	1560	1675	530	730	1270	1620	147	1850	2087	2300	2570
	mm	28.03	55.51	84.65	96.85	61.42	65.94	20.87	28.74	50.00	63.78	5.79	72.83	82.17	90.55	101.18
UDG 40-90	in	915	1610	2150	2460	1560	1675	530	730	1270	1620	147	1850	2087	2300	2570
	mm	36.02	63.39	84.65	96.85	61.42	65.94	20.87	28.74	50.00	63.78	5.79	72.83	82.17	90.55	101.18

Dimensions & Specifications:

	in / mm	Number of Rotating Blades	Number of Stationary Blades	in / mm	RPM	in / mm	lbs/hr / (kg/hr)
UDG40-70	19.8 x 28	3	2	16.5	450	5/16	750 - 1100
	530 x 712			419		8	340 - 500
UDG40-90	19.8 x 36	3	2	16.5	450	5/16	1100 - 1500
	530 x 915			419		8	500 - 680