



## Granulators Series SML

SML 45/100 - SML 60/100 - SML 60/145

The Herbold Granulators of the L series are robust and low-noise machines for general purpose applications.

Compact, transportable, easy to clean.

Perfect design for frequent color and material changes.

A very reasonable and varied size reduction program for standard applications.

### A workhorse for standard applications

Films, cans, barrels, car bumpers, thin-walled tubes, profiles, injection molding rejects, skeletal waste, thermoforming waste, foams ... - the granulators of the L series are suitable for processing all light, bulky or voluminous plastics scraps with thin or medium walls.



SML 60/100 with hopper for conveyor feeding



### The SML Granulators as wet grinders

Due to the outboard bearings, the two-part housing and a modified discharge trough the SML Granulator can be optimally used as a wet grinder. In one working cycle, the contaminated plastic waste is at the same time ground and washed by adding water during the size reduction process. The washing effect is excellent!

#### Series SML

Type	Inlet mm	Rotor Ø mm	Drive kW	Weight kg	Capacity kg/h
22/30 35/42 45/70 45/101	Please ask for our brochure <b>Herbold Granulators C Series!</b>				
30/50	500x490	300	11-22	2500	200-400
30/80	500x780	300	15-37	3200	250-650
45/100	600x980	450	22-75	3800	500-1400
60/100	750x980	600	22-90	4600	700-1600
60/145	750x1450	600	37-110	6500	800-2000



The SML series has the typical features of the **Herbold** Granulators:

**Easy access to the cutting chamber**

The centrally hinged, two-piece housing is divided at an inclined angle and thus allows an optimum access to the cutting chamber. Cleaning and maintenance times are reduced to a minimum.

**Double cross cutting action**

The rotor and bed knives are mounted at the same but opposite angle and ensure a steady cutting gap across the full length of the knife. This cutting geometry does not only lower the noise level, but also the power requirement. The risk of jamming is reduced and the quality of the regrind is improved due to fewer fines.

**Knives can be adjusted outside of the granulator**

The rotor and bed knives can be pre-adjusted outside of the machine in a jig. So, the knives can be prepared for getting exchanged while the granulator is still running. In this way, the down-times are reduced to an absolute minimum.

**Outboard rotor bearings**

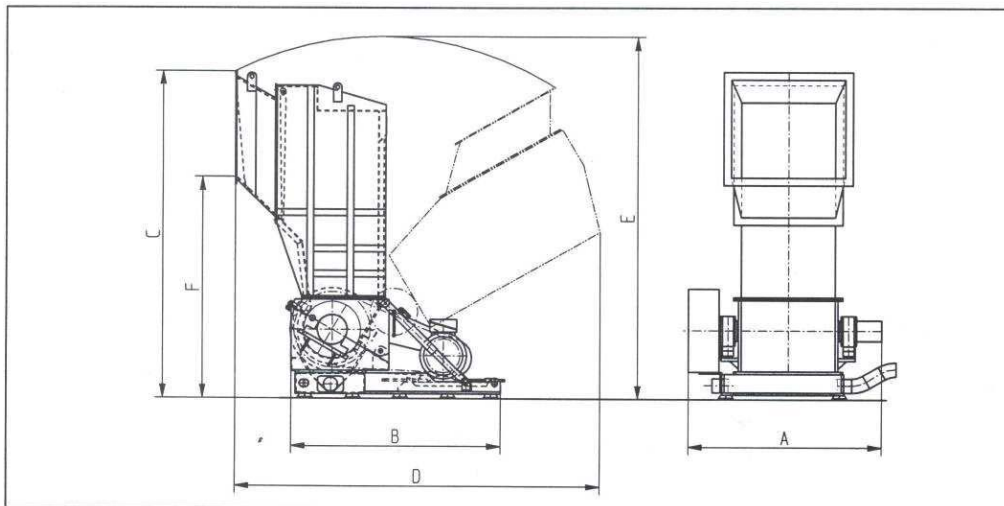
The rotor bearings are located in pillow blocks, completely outside and separate from the cutting chamber. No fines can enter the bearings and grease cannot get into the cutting chamber.

**Constant cutting circle**

Due to the adjustable rotor and bed knives a constant cutting circle is maintained and the distance of the rotor knives to the screen is always the same. As a result, less fines are produced, the material's dwelling time is cut down to a minimum, thus preventing it from getting additionally heated.

**Main dimensions in mm**

Type	A	B	C	D	E	F
SML 45/100	1900	2170	3300	3525	3650	2170
SML 60/100	2020	2195	3480	3810	3850	2360
SML 60/145	2500	2300	3480	4000	4500	2570



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- Pulverizing systems
- Shredders
- Plastcompactors
- Hammer mills
- Guillotines
- Complete washing systems