

The granulator model GR2845-2T has been studied for an in-line use on PP-PET sheet extrusion systems.

The granulator allows recovering side scraps side of the extruded sheet. The speed control of the 2 haul-off units with inverter allows a synchronized operation with the extrusion line, preventing the break of the scraps.

The cutting chamber with a 3-moving 2-fixed blades, solid construction, allows grinding material with a minimum thickness of 100 microns up to a maximum of 2000 microns.

The machine equipped with a fan allows an immediate recovery of the ground material.

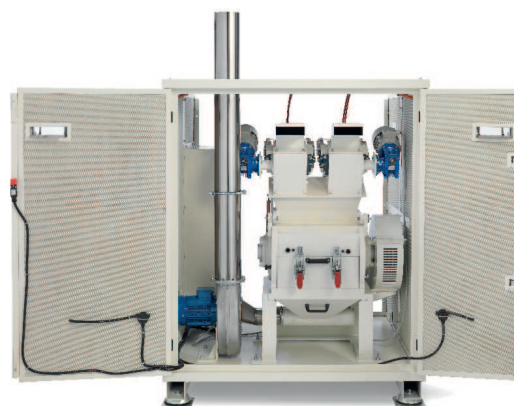
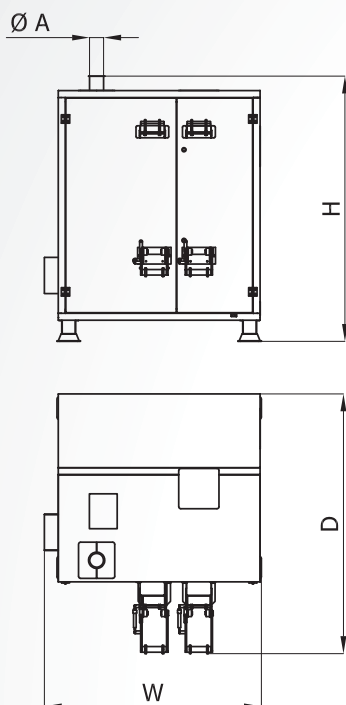


#### TECHNICAL SPECIFICATIONS:

- High-quality cutting chamber with side rotating disks.
- Quality steel open, self-ventilated rotor.
- 2 adjustable fixed blades.
- 3 adjustable rotating blades, with adjusting template.
- Selection grill with a wide discharge surface.
- Regrind-collecting container, with fan as option.
- N°2 haul-off units with a width of 170mm, independent, controlled by a fan-assisted gearmotor and speed control by inverter; nip roller controlled by a pneumatic bi-piston.
- N°2 arms with linear potentiometer to automatically adjust the speed.
- Sound-proofed enclosure.
- Electrical switchboard with automatic-regulation system of the feeding speed.

#### ADDED VALUE:

- Easy to operate.
- Quality ground material.
- Low noise level thanks to its efficient sound-proofing.
- Easy access for an easy maintenance
- Safety.
- It follows the production of the extruder.



Interior view

TECHNICAL DATA		GR2845-2T
Rotating blades	n°	3
Fixed blades	n°	2
Rotor diameter	mm	280
Rotor width	mm	450
Haul-off unit width	mm	170+170
Cutting chamber	mm	455x285
Haul-off unit feed throat	mm	150
Motor power	kW	11
Haul-off unit gearmotor power	kW	1.75x2
Fan power	kW	1.5
Total power	kW	16
Screen holes	mm	12
Screen maximum speed	m/min	100
Noise level	dB(A)	<80
Maximum throughput	kg/h	200
Voltage/Frequency	V/Hz	400/50-60
Dimensions WxDxH	mm	1450x1860x1640
Weight	Kg	700



Granulation chamber