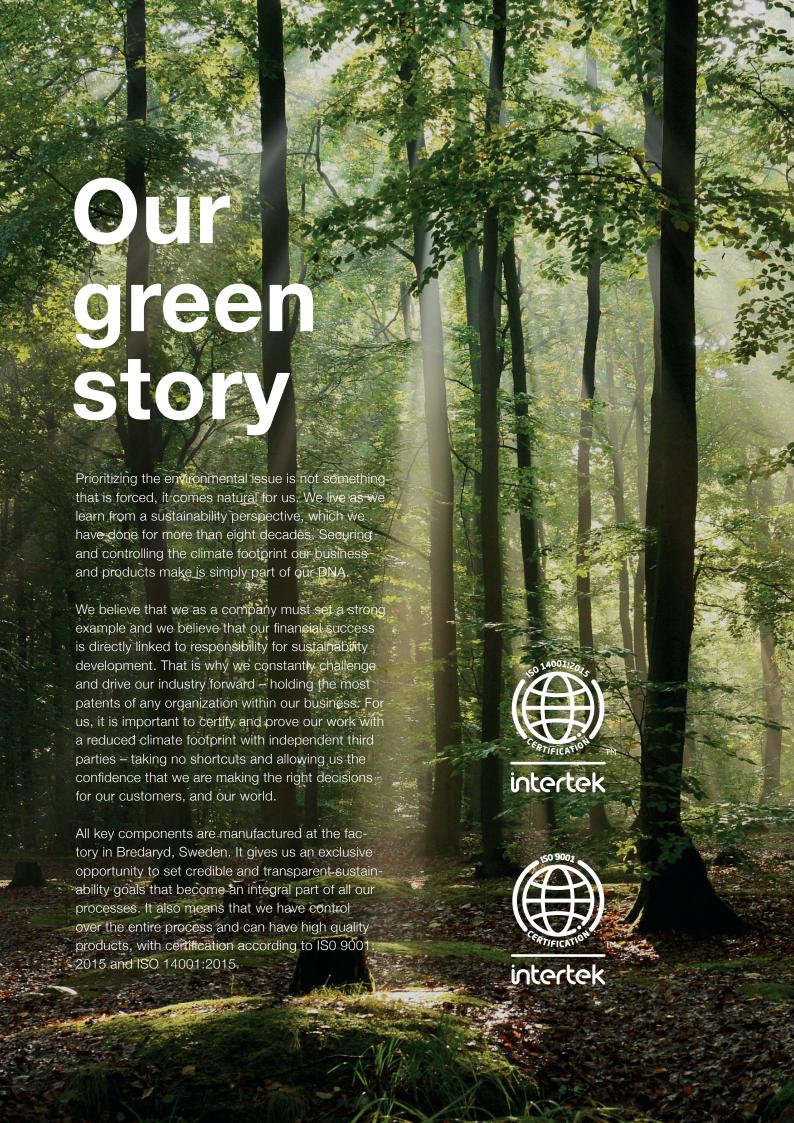


About Rapid Granulator In 1942, Harry Johansson founded Rapid Granulator in his hometown of Bredayd, Sweden, He was an entrepreneur and

In 1942, Harry Johansson founded Rapid Granulator in his hometown of Bredaryd, Sweden. He was an entrepreneur and visionary who was guided by strong values. Rapid's products should make a difference for everyone who used them, and for the communities in which they operated.













Examples of Rapid Technology

Open-Hearted

Rapid Open-Hearted design provides quick access to the cutting chamber for cleaning and maintenance – maximizes your production time.

Constant Cutting Circle

To keep an efficient cutting process the distance between screen and knives must remain the same, even after multiple re-sharpenings. Rapid design with pre-setting of knives after sharpening guarantees just that – a Constant Cutting Circle.

Reversible screens

Our durable and reversible screens provide a longer lifetime, saving you valuable maintenance cost and time.

Double scissor knives

Rapid double scissors cut provide a clean, smooth and energy saving cutting of any plastic material, free from dust.

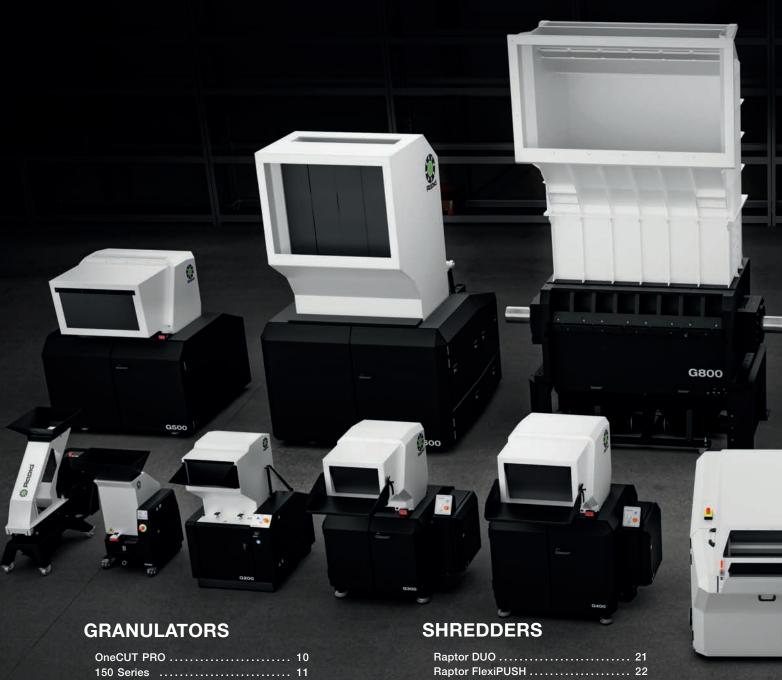
Highest quality regrind

The consistently smooth and clean cutting action provides high quality regrind over time.





Innovative Equipment for a Sustainable Tomorrow.



OneCUT PRO 1
150 Series 1
200 Series 1
300 Series 1
400 Series 1
500 Series 1
600 Series 1
800 Series 1
GT Series 1
ThermoPRO 1
000 DD

Raptor DUO	21
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ACCESSORIES

Rapid Connect	2
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Dust separation	2
Metal detection	2
Motel congretion	ി



At Rapid Granulator, we turn production waste into valuable opportunities. With our granulators, shredders, and accessories, we deliver efficient and sustainable recycling solutions – engineered with precision down to the finest detail.

OneCUT PRO

Rapid OneCUT PRO is an efficient slow-speed granulator, suitable for grinding of smaller products, sprues, etc. Comes with several innovative features.

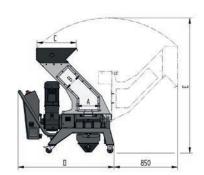
- Rapid EnergySMART save up to 80% of your energy consumption! You can let the granulator run automatically (can be adjusted) and at intervals, based on load. Granulator can be paused while material is collected in the granule bin and then restarted automatically to grind and then pause again.
- Quick Rotor Release open the granulator and disconnect the rotor in 30 sec to clean quickly and efficiently.
- Rapid FlexiSPEED adapt the rotor speed to the material properties.
- · Automatic rotor reversal is standard.

NEW Rapid Metal Detection (RMD) – stop rotor instantly, prevents costly damage, and keeps downtime minimal (Optional).



Specifications		100-22	100-33	100-44	
Rotating knives		1	2	3	
Rotor segments		2	3	4	
Fixed knives		2	3	4	
Scrapers		2	3	4	
Cutterhouse dimensions	mm	215x220	330x220	445x220	
Motor (Standard)	kW	1,5	1,5	1,5	
Motor (Optional)	kW	2,2	2,2	2,2	
Dimensions					
Α	mm	215	330	445	
В	mm	200	260	320	
С	mm	440	525	610	
D	mm	1160	1280	1400	
Е	mm	1720	1800	1890	







OneCUT PRO

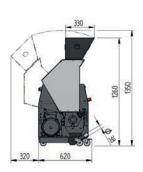
Rapid 150 series is a small high performance granulator that is primarily intended for "beside the press" recycling of sprues and defective small products. Immediate grinding directly at the production machine allows the regrind to be returned directly to the process. It raises the product quality and avoids accumulation of sprues and reject products. 3 widths are available in standard version.

- Easy cleaning for material and/or color changes.
- High-quality regrind.
- DeltaTECH standard models with flexibility.
- PowerTECH configured for filled/abrasive materials.
- Cassette knives quick and easy knife changes.
- Constant Cutting Circle (CCC).
- Reversible screen for longer life.



Specifications		150-21	150-35	150-42
Rotor diameter	mm	150	150	150
Rotor type			Staggered	
Rotating knives		9 (3x3)	15 (5x3)	18 (6x3)
Cutterhouse dimensions	mm	210x150	350x150	420x150
Fixed knives		2	2	2
Motor (Standard)	kW	2,2	2,2	2,2
Motor (Optional)	kW	4,0	4,0	4,0
Dimensions				
Α	mm	205	345	415
В	mm	510	640	710
С	mm	270	340	375
D	mm	490	630	700





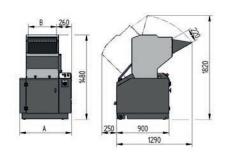


The models in the Rapid 200 series are ideal for direct recycling of sprues and reject products, especially from injection molding and blow molding machines. 4 different widths are available in the standard versions.

- Low energy consumption.
- Configurable cutterhouse depending on application.
- High-quality regrind.
- Compact and flexible several types of infeeds, including manual feeding, belts, roller feeds etc.
- Reversible screen for longer life.
- Constant Cutting Circle (CCC).



Specifications		200-24	200-36	200-48	200-60
Rotor diameter	mm	200	200	200	200
Rotor type			Stagge	ered	
Rotating knives		6 (3x2)	9 (3x3)	12 (3x4)	15 (3x5)
Cutterhouse Super-Tangential	mm	240x230	360x230	480x230	600x230
Fixed knives		2	2	2	2
Motor (Standard)	kW	4,0	5,5	5,5	5,5
Motor (Optional)	kW	5,5 / 7,5 / 11	7,5 / 11	7,5 / 11	7,5 / 11
Dimensions					
A	mm	650	770	890	1100
В	mm	240	360	480	600



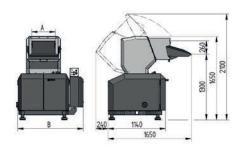


All models in the Rapid 300 series can be used either as a central granulator or as inline granulator for all types of materials. Typical applications include sprues, molded items, profiles, smaller pipes, sheets, etc. 3 widths are available in standard version.

- Open-Hearted design.
- Lower energy consumption with double-scissors cutting action.
- Pre-adjustable knives for optimal knife sharpness.
- High quality regrind.
- Various infeed options for all types of applications.
- Reversible screen for longer life.
- Constant Cutting Circle (CCC).



Specifications		300-30	300-60			
Rotor diameter	mm	260	260	260		
Rotor type			3-blade, open			
Rotating knives		3 (3x1)	3 (3x1)	3 (3x1)		
Cutterhouse Super-Tagential	mm	320x360	470x360	620x360		
Cutterhouse Tagential	mm	320x285	470x285	620x285		
Fixed knives		2 (3)	2 (3)	2 (3)		
Motor (Standard)	kW	5,5	7,5	7,5		
Motor (Optional)	kW	7,5 / 11 / 15	5,5 / 11 / 15	5,5 / 11 / 15		
Dimensions						
Α	mm	300	450	600		
В	mm	1150	1300	1450		



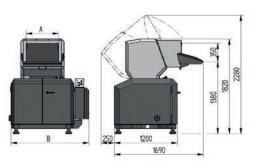


All models in the Rapid 400 series can be used either as a central granulator or as in-line granulator for all types of materials. Typical applications include large sprues, molded items, profiles, smaller pipes, sheets, etc. 4 different models are available.

- Open-Hearted design.
- Lower energy consumption with double-scissors cutting action.
- Pre-adjustable knives for optimal knife sharpness.
- High quality regrind.
- Various infeed options for all types of applications.
- Reversible screen for longer life.
- Constant Cutting Circle (CCC).



Specifications		400-45	400-60	400-90	400-120	
Rotor diameter	mm	360	360	360	360	
Rotor type			3-blade,	open		
Rotating knives		3	3	3	6	
Fixed knives		2	2	2	4	
Cutterhouse Super-Tangential	mm	470x450	620x450	920x450	1220x450	
Cutterhouse Tagential	mm	470x360	620x360	920x360	1220x360	
Motor (Standard)	kW	15	22	22	22	
Motor (Optional)	kW	11 / 18.5 / 22 / 3	0	11 / 15 / 18.5 / 3	0/37	
Dimensions						
A	mm	450	600	900	1200	
В	mm	1340	1490	1790	2090	



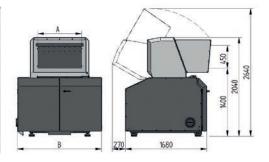


All models in the Rapid 500 series can be used either as a central granulator or as in-line granulator for large products or where higher capacity is required. Typical applications are granulation of large quantities of sprues, large molded items, pipes and profiles, sheets, etc. Rapid's 500 series is available in 3 widths.

- · Open-Hearted design.
- Lower energy consumption with double-scissors cutting action.
- Pre-adjustable knives for optimal knife sharpness.
- High quality regrind.
- Heavy duty beam rotor 3- or 5-blade.
- Various infeed options for all types of applications.
- Reversible screen for longer life.
- Constant Cutting Circle (CCC).



Specifications		500-60	500-90	500-120	
Rotor diameter	mm	450	450	450	
Rotor type			3-blade, open		
Rotating knives		6 (3x2)	6 (3x2)	6 (3x2)	
Fixed knives		2x2	2x2	2x2	
Cutterhouse Super-Tagential	mm	620x580	920x580	1220x580	
Cutterhouse Tagential	mm	620x580	920x580	1220x580	
Motor (Standard)	kW	22	30	37	
Motor (Optional)	kW	30 / 37 / 45 / 55	22 / 37 / 45 / 55	22 / 30 / 45 / 55	
Dimensions					
Α	mm	600	900	1200	
В	mm	1440	1740	2040	



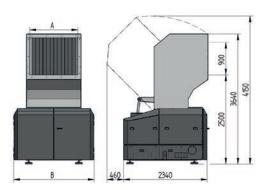


Rapid 600 series is suitable for all types of materials, everything from in-line recycling of large products to central granulation where greater output capacity is required. It is the largest in our series of Open-Hearted granulators.

- Open-Hearted design.
- Longer energy consumption with double-scissors cutting action.
- Pre-adjustable knives for optimal knife sharpness.
- · Various infeed options for all types of applications.
- Reversible screen for longer life.
- MCT mineral composite-filled base reduces vibrations.
- Constant Cutting Circle (CCC).



Specifications		600-90	600-150		
Rotor diameter	mm	600	600	600	
Rotor type			3-blade, open		
Rotating knives		6 (3x2)	6 (3x2)	6 (3x2)	
Fixed knives		2x2	2x2	2x2	
Cutterhouse Super-Tagential	mm	900x800	1200x800	1500x800	
Cutterhouse Tagential	mm	900x630	1200x630	1500x630	
/ Pre cut (Optional)					
Motor (Standard)	kW	75	90	90	
Motor (Optional)	kW	55 / 75 / 90 / 110 /132 / 160			
Dimensions					
Α	mm	900	1200	1500	
В	mm	1960	2260	2560	





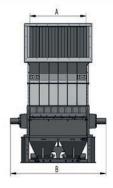


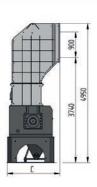
Rapid 800 Series is engineered for high-volume granulation, making it ideal for both central and in-line processing of large products. With a robust construction and advanced cutting technology, it combines reliable performance with safe, efficient maintenance. The series is also optimized for wet granulation applications.

- Safe and smart maintenance designed for quick, secure, and user-friendly servicing.
- Precision cutting system pre-adjustable knives for consistent results, changed quickly and safely.
- Reversible screen for longer life.
- Scissor-cut technology ensures efficient, energysaving cutting with less wear.



Specifications		800
Rotor diameter	mm	800
Rotor type		6-blade Beam
Rotating knives		24 (6x4)
Fixed knives		8 (2x4)
Cutterhouse Tagential	mm	2000x800
/ Pre cut (Optional)		
Motor (Standard)	kW	132
Motor (Optional)	kW	110 / 160 / 200 / 250 / 315
Dimensions		
Α	mm	2000
В	mm	3500
С	mm	1900









Rapid GT series is optimized for cost effective in-line granulation of skeletal waste. Now available in two standard widths: GT1100 and the new GT1600.

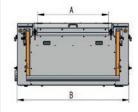
- The market's shortest service time with complete access to all wear parts from one side the service time of this unit is unbeatable.
- 2 types of loop control external or optional peumatic controlled loop control for in-line integration with the thermoforming machine.
- Constant Cutting Circle (CCC).

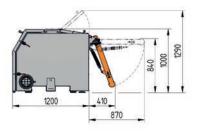
- Scissors cut angled knives to ensure perfect regrind, low noise, low energy consumption.
- Small footprint easy to integrate in the line.
- Reversible screen for longer life.
- Pre-adjustable knives for optimal knife sharpness.





Specifications		GT1100	GT1600		
Rotor diameter	mm	350	350		
Rotor type		5-blade	, open		
Rotating knives		20 (5x4)	30 (5x6)		
Fixed knives		6 (3x2)	9 (3x3)		
Cutterhouse Tagential	mm	1120x350	1650x350		
Motor (Standard)	kW	22	22		
Motor (Optional)	kW	11 / 15 /	22 / 30		
Dimensions					
Α	mm	1100	1650		
В	mm	1750	2320		







GT Series

Thermo PRO

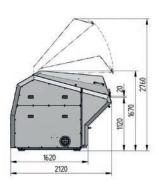
Rapid ThermoPRO for low noise granulation of skeletal waste.

- Open-Hearted design.
- Lower energy consumption with double-scissors cutting action.
- 3 types of loop control fully integrated, external or free-standing loop control for in-line integration with the thermoforming machine.
- Constant Cutting Circle (CCC).
- MCT mineral composite base for reduced vibrations.
- Reversible screen for longer life.
- Pre-adjustable knives for optimal knife sharpness.



Specifications		400-60 KURTF	400-90 KURTF	400-120 KURTF
Rotor diameter	mm	350	350	350
Rotor type		3-blade, open		
Rotating knives		3	3	2x3
Fixed knives		2	2	2x2
Cutterhouse Super-Tagential	mm			
Cutterhouse Tagential	mm	620x360	920x360	1220x360
Motor (Standard)	kW	11	15	22
Motor (Optional)	kW	11 / 15 / 18,8 / 22 / 32 /37		
Dimensions				
Α	mm	620	920	1220
В	mm	1360	1660	1960







Thermo PRO

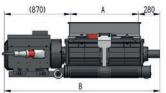
300 LBB

Rapid 300-LBB (Low Built Base) has a very low infeed height. The areas of use are primarily in the packaging industry for granulating skeletal waste and sheet. The granulator can either be connected in-line to the production machine with a roll-feeder and loop control or placed under the line with a simple funnel for freely falling cut waste sheets. 3 widths are available in standard version.

- Highest quality regrind.
- Low infeed height, only 600 mm.
- Available with various infeed options for different applications.
- 3 widths, 900, 1200 and 1500 mm.
- Powerful operation with motors up to 30 kW.
- Constant Cutting Circle (CCC).



Specifications		300-90	300-120	300-150
Rotor diameter	mm	300	300	300
Rotor type		3-blade, open		
Rotating knives		6 (2x3)	8 (4x2)	10 (5x2)
Fixed knives		6	6	9
Cutterhouse Tagential	mm	285x900	285x1200	285x1500
Motor (Standard)	kW	7,5	11	11
Motor (Optional)	kW	7,5 / 11 / 15 / 18,5 / 22 / 30		30
Dimensions				
A	mm	900	1200	1500
В	mm	2100	2400	2700







300 LBB

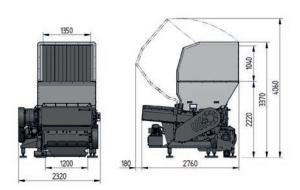
Raptor DUO

ONE-step solution. Fully integrated granulator into the Raptor chassis. Based on the bespoken Rapid 400 series. Bolted modular design enables easy change of wear parts.

- · Open-Hearted design.
- Lower energy consumption with doublescissors cutting action.
- Pre-adjustable knives for optimal knife sharpness.
- High quality regrind.
- Reversible screen for longer life.
- Constant Cutting Circle (CCC).



Specifications		Shredder
Rotor diameter	mm	280
Rotor type		Claw
Rotating knives		39
Fixed knives		5
Cutterhouse dimensions	mm	1350x1010
Motor (Standard)	kW	22
Motor (Optional)	kW	15 / 18,5 / 22 / 30 / 37 / 45
		Granulator
Rotor diameter	mm	Granulator 350
Rotor diameter Rotor type	mm	
	mm	350
Rotor type	mm	350 5-blade, open
Rotor type Rotating knives	mm	350 5-blade, open 10 (5x2)
Rotor type Rotating knives Fixed knives		350 5-blade, open 10 (5x2) 6 (3x2)





Raptor DUO

Raptor FlexiPUSH

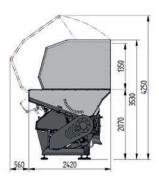
Raptor FlexiPUSH shredders are designed for all types of thermoplastics, large 1200-liter IBC containers or lumps - everything is ground down efficiently. Rapid Raptor shredders come in 2 widths, 800 and 1350 mm. The standard version is equipped with **FlexiPUSH** (pneumatic pusher). The machine can also be equipped with a **TopPUSH**, a function that presses the material against the rotor to improve output capacity. It is specially developed for bulky products.

- · Recycles all types of thermoplastic.
- · Open-Hearted design.
- Energy efficient.
- Industry 4.0.
- 3 rotor variants film/foil, lump, bulky material.
- Reversible screen for longer life.
- MCT mineral composite filled base for reduced vibrations.



Specifications		R800	R1350
Rotor diameter	mm	280	280
Rotor type		Claw	
Rotating knives		23	39
Fixed knives		3	5
Cutterhouse dimensions	mm	800x1010	1350x1010
Motor (Standard)	kW	11	22
Motor (Optional)	kW	15 / 18,5 / 22 / 30 / 37 / 45	
Dimensions			
A	mm	800	1350
В	mm	530	1080
С	mm	1730	2280







Raptor FlexiPUSH

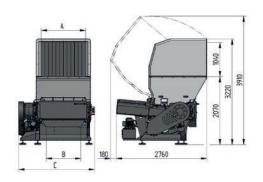
Raptor PowerPUSH

Raptor PowerPUSH shredders are designed for all types of thermoplastics and where higher capacities are required. Raptor PowerPUSH shredders come in 2 widths, 800 and 1350 mm. PowerPUSH allows you to fully control the process. The hydraulically controlled pusher can be optimized with different "recipes" through the interactive control system depending on the material and desired output.

- · Recycles all types of thermoplastic.
- Open-Hearted design.
- Industry 4.0.
- Energy efficient.
- 3 rotor variants film/foil, lump, bulk material.
- Reversible screen for longer life.
- MCT mineral composite filled base for reduced vibrations.



Specifications		R800	R1350
Rotor diameter	mm	280	280
Rotor type		Claw	
Rotating knives		23	39
Fixed knives		3	5
Cutterhouse dimensions	mm	800x780	1350x1010
Motor (Standard)	kW	11	22
Motor (Optional)	kW	15 / 18,5 / 22 / 30 / 37 / 45	
Dimensions			
Α	mm	800	1350
В	mm	530	1080
С	mm	1710	2260





Rapid Connect

Take control of your production with Rapid Connect – our intelligent analytics platform. Minimize unplanned downtime, optimize production, and ensure smooth operations. Create customized dashboards, access real-time insights, and stay connected to your equipment at all times.

- Real-time monitoring and updates.
- · Idle-stop functionality.
- · Local data storage.
- · Customizable dashboards and alerts.
- Energy-saving performance.



NEW

Predict

Combine it with **Predict**, featuring Matrix and Stream LED displays, for instant visibility. Mounted on or near the granulator, Predict gives operators a clear, real-time overview, enabling efficient feeding, quick adjustments, and energy-optimized performance.

Specifications	Rapid Connect
Power supply	24VAC, 24VDC & 230VAC
Bus protocol	Modbus
Digital input	8 pcs
Digital output	2 pcs
Analog input	2 pcs (2pcs 4-20mA)
CT input	2 pcs (1A and 5A)
PT100	1 pcs (Temperature)
Wifi	2,4Ghz





Rapid Connect



Efficient edge trim feeding – compact, quiet, and easy to clean.

Designed for seamless integration into your production line, the RFE Roller Feeder ensures continuous, reliable feeding of edge trim with minimal noise and maximum efficiency. Its compact footprint saves valuable floor space, while the visible cleaning offers quick and easy access for cleaning and maintenance. With its fast roll gap adjustment, you can adapt to different materials in seconds – keeping your operation running smoothly.

- Compact design saves space.
- Visible cleaning quick access for fast, easy cleaning.
- Quick roll gap adjustment.
- Low noise level for a comfortable environment.





RFE



Guillotine System



The most common solution to handle waste edge-trim is a guillotine system with one for each edge trim. Integrated with the extrusion line it continuously cuts the edge trims with the cut pieces falling onto a conveyor belt which is then fed to a granulator.



Guillotine system

Dust Separation

No matter how efficient a granulator is, there will always be a small amount of dust and fines – increasing when knives start to wear out. With an efficient and adapted dust separation system, these problems can be avoided. Rapid offers

complete systems for all dust separation needs.

Dust separation





MetalDetection

With higher sensitivity these metal detectors can detect all types of metals as well other electrically conductive materials. The most common installation is to have the detector installed on a conveyor belt.





Metal detection

Metal Separation





Metal separators remove the metal from the material. They can detect any metal as well as electrically conductive materials down to the size of a 0.6 mm steel ball. Metal separators are available in different sizes depending on capacity needs.

Metal separation



Rapid Service Center

Register your machines in the Rapid Service Center – a portal with all information you need for the optimal maintenance of your Rapid granulator:

- Forget about lost manuals, it's always available.
- Electrical drawings of your individual machine.
- Maintenance program for all service activities; weekly, monthly etc.
- The service log supports the extended Rapid 5-year warranty.
- Direct link to the Rapid Spare Parts Team.

Rapid Original Spare Parts

Designed for maximum performance and durability. Extensive quality control of materials and processes ensures that parts are produced to highest standards and quality.

With original spare parts you get:

- Lower maintenance costs and more production time.
- Quality regrind that ensures stable production process.
- Less dust and fines in both granules and production environment.
- Lower energy consumption.
- Lower noise levels from your granulators.
- Original spare parts also get you our 5-year warranty.



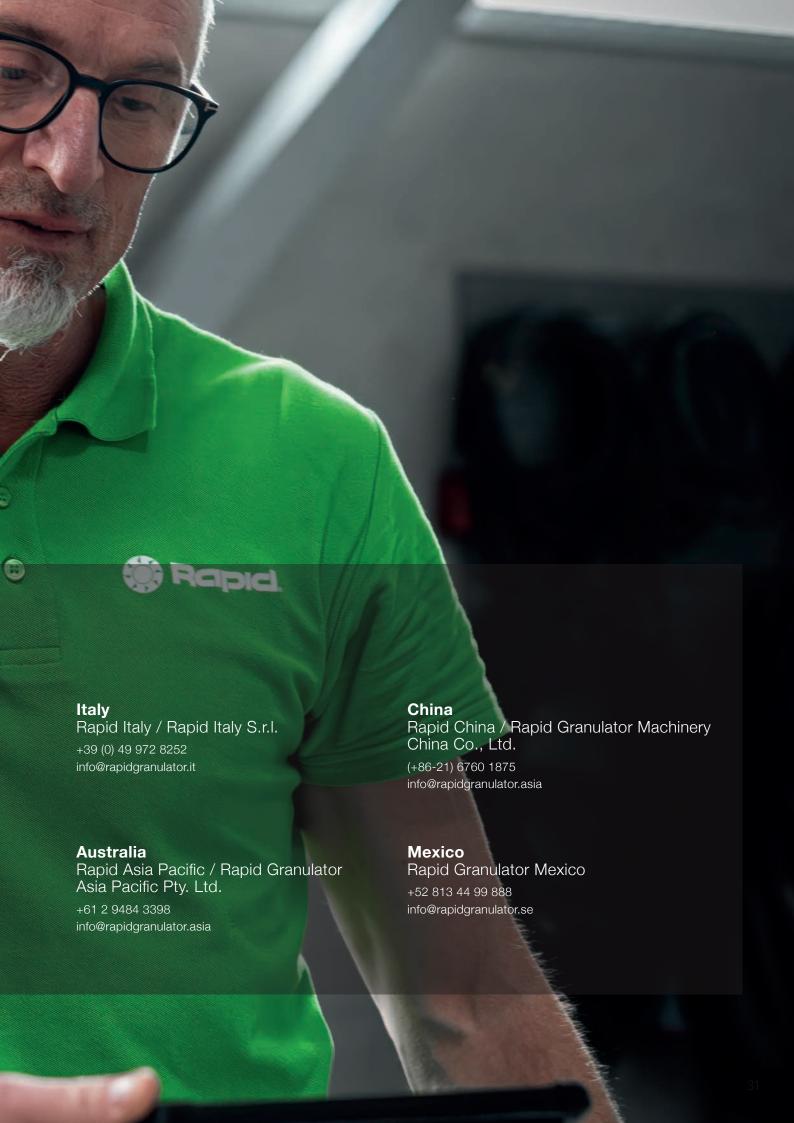


5-Year Extended Warranty

Our products are exclusively manufactured using high-quality materials and the manufacturing process is certified to the latest ISO standard. This means we can offer an extended warranty for up to 5 years, depending on the application. All you need to do is:

- Apply for the extended warranty within 3 months of delivery.
- Document granulator maintenance and service in accordance with the service schedule.
- Use Rapid Original Spare Parts.









Help us build a more sustainable world.



Visit rapidgranulator.com