



Granulation and automation technology for the plastics industry



GETECHA

INDIVIDUALITÄT IST UNSER STANDARD

Choose the system partner who is also a competent dialogue partner: GETECHA.

For more than five decades, we have been acting as consultants to the plastics processing industry, developing, planning, and manufacturing consistently individual solutions from sprue recovery and automation systems to granulation. We have been supporting many of our customers for a very long time already. We simply feel at home with your challenges.

Individualität ist unser Standard.



Big power in a small package: GETECHA beside-the-press granulators

RS 100

by GETECHA

SRS 100

by GETECHA



Small and compact in high-grade steel

Small and maintenance free, installs directly in the ejection chute of the injection molding machine –saves space. Small sprues – no problem. Also ideally suited to laboratory and clean room applications as well as for the CD/DVD industry.

Model	Rotor Ø (mm)	Motor (kW)	Throughput (kg/h)*
SRS / RS 100	100	0,55 / 0,75	6

GRS

by GETECHA



Better slanted, well-trying thousand fold

Through the large intake and then into the tilted rotor GRS granulators with divided cutting chambers and large cutting chamber openings attain peak performance again even when filled while at a standstill.

Model	Cutting chamber (mm)	Rotor Ø (mm)	Motor (kW)	Throughput (kg/h)*
GRS 180	285 x 200	180	2,2	35
GRS 300	450 x 335	300	5,5	80

RS 1600

by GETECHA



Diversity by request

The granulators can be equipped and adapted individually. The blades are always ready to go: After sharpening, just install – and the cutting gap is correct. Nearly maintenance free and very easy to clean.

Model	Cutting chamber (mm)	Rotor Ø (mm)	Motor (kW)	Throughput (kg/h)*
RS 1615	150 x 230	160	1,5	25



A strong mid-range: GETECHA central granulators

RS 2400

by GETECHA

RS 3000

by GETECHA



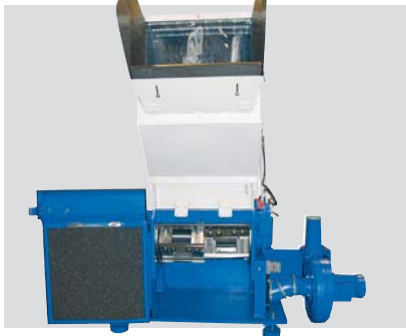
Highly productive, aggressive intake

Whether in injection molding operations or at the blow-molding machine – the segmented rotors designed especially according to requirements master a very wide range of tasks quickly and reliably. Suitable for virtually any application with numerous equipment variants.

Model	Cutting chamber (mm)	Rotor Ø (mm)	Motor (kW)	Throughput (kg/h)*
RS 2402	240 x 330	240	4,0	60 – 100
RS 2404	465 x 330	240	5,5	100 – 160
RS 2406	690 x 330	240	7,5	150 – 220
RS 3004	425 x 410	300	11	200 – 360
RS 3006	640 x 410	300	15	270 – 450
RS 3009	955 x 410	300	22	340 – 540

RS 3800

by GETECHA



Even more performance

This series is the logical refinement of the well-proven RS 2000 and RS 3000 and offers the same advantages. Its strengths come to the fore when plenty of power and high throughput are required. It is flexible in use thanks to various rotors, hoppers, and peripheral equipment.

Model	Cutting chamber (mm)	Rotor Ø (mm)	Motor (kW)	Throughput (kg/h)*
RS 3806	650 x 505	380	22	600
RS 3809	965 x 505	380	22	800
RS 3812	1.280 x 505	380	30	1.100

RS 4500

by GETECHA



Devours large volumes quietly

With the aggressive intake zone in the grinding case, seizes even thick-walled stock outages or large hollow shapes reliably; the noise level remains low. High throughput is attained by virtue of the optimal ratio between rotor diameter and width, in conjunction with maximum screen area.

Model	Cutting chamber (mm)	Rotor Ø (mm)	Motor (kW)	Throughput (kg/h)*
RS 4506	600 x 540	450	30	700
RS 4509	900 x 540	450	37	900
RS 4512	1.200 x 540	450	45	1.200



Throughput of a thousand kilos and more: GETECHA heavy-duty granulators

RS 6000

by GETECHA



True greatness, tailor-made

This granulator can be used in all areas of plastic granulation. Unbeatable when it comes to granulation of large parts in the injection and blow-molding sector in the automobile industry. A high level of automation simplifies maintenance and ensures high economy. It is always easy to operate and extremely easy to clean.

Model	Cutting chamber (mm)	Rotor Ø (mm)	Motor (kW)	Throughput (kg/h)*
RS 6006	600 x 795	600	45	600 – 1.000
RS 6009	900 x 795	600	55	600 – 1.500
RS 6012	1.200 x 795	600	75	800 – 2.000
RS 6015	1.500 x 795	600	75	1.000 – 2.500

RS 8000

by GETECHA



Even more of everything, for everything

The biggest of the big. When tonnage is what counts, the RS 8000 is the granulator of choice. Equipped with an automatic feed system and granulate transport, it becomes a high-performance granulating center.

Model	Cutting chamber (mm)	Rotor Ø (mm)	Motor (kW)	Throughput (kg/h)*
RS 8012	1.200 x 950	800	110	1.000 – 2.500
RS 8015	1.500 x 950	800	110	1.500 – 3.000



Rounds out the system: GETECHA dedusting systems

GE

by GETECHA



Less dust, higher quality

Higher granulate quality thanks to high-quality sorting. Almost like new, that's our motto. Regardless of quantity: whether 10 kg or 2.000 kg/h. The granulators can be equipped and adapted individually.

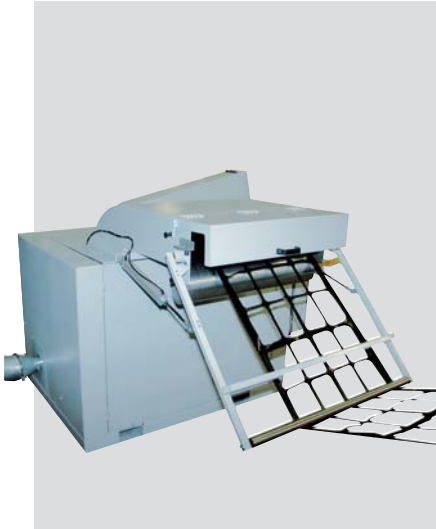
Model	Blower output (kW)	Throughput (kg/h)*
GE 15	0,14	150
GE 50	0,75	500
GE 100	0,30	700
GE 200	1,50	2.000



The big way to cut things down to size: GETECHA systems

Granulators with infeed device

by GETECHA



Granulation bit by bit – an inline professional

Regardless of whether margin strips, foil, or scrap web with and without deep drawn parts – the right infeed system handles the task with ease. Extremely quiet for thermoforming or foil applications with smooth, knurled or toothed rollers. When integrated in the thermoform line, continuous and adjusted foil feeding is ensured. Also available in an extremely low version for under the press (UP version).

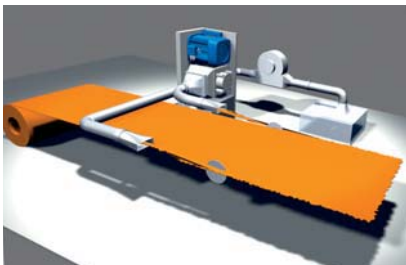
Series**	Intake opening (mm)	Rotor Ø (mm)	Motor (kW)	Throughput short-term 10 min (kg/h)*	Throughput sustained (kg/h)*
RS 2400-E	210 – 900	240	4 – 11	100 – 300	60 – 200
RS 3000-E	390 – 1.500	300	11 – 30	240 – 1.000	120 – 625
RS 3800-E	590 – 1.500	380	22 – 37	500 – 1.300	300 – 850
RS 4500-E	580 – 1.480	450	30 – 55	600 – 1.500	450 – 1.000

* depending on material and screen perforations

** all series available in varying widths

Foil cutters

by GETECHA



Devours edge strips of all kinds, from plastic to veneer

Granulates edge strips directly in the pipeline – even extremely thin foil (up to 10 µm). Besides plastic, it also makes short work of nearly all other materials: paper, cardboard, aluminum, cloth, and even wood veneer.

Model	Intake opening (mm)	Rotor Ø (mm)	Motor (kW)	Airflow (m3/h)
FS 200	205 x 160	200	2,2	4.000
FS 300	256 x 230	300	3	6.000

Hacker

by GETECHA



An appetite for edge strips

The ideal precutting device for sheet edge strips directly in the extruder line underneath the cooling section. The length of the parts depends on the line speed of the system and stroke rate of the hacker.

Model	Width of cut (mm)	Motor (kW)	stroke rate (strokes/min)
GH 200	200	2,2	60
GH 300	300	3	60



Faster than the cycle time: GETECHA sprue picker

GRA 112 by GETECHA



Gone almost before it's open

Well proven, reliable and precise – no electrical interface required. Superimposed sequence of motion: The sprue is already in the gripper almost before the mold is open – without extending the cycle time.

Load capacity (g)	Traverse stroke (mm)	Retraction depth (mm)	X-demolding stroke (mm)
500	750, 950, 1.250	500, 650, 900	0 – 100 circular

GETpick by GETECHA



Gets with the program and takes its pick

The fast entry-level unit with electrical interface and ideal value-for-money. Simple to install and reliable in operation.

Load capacity (g)	Y-demolding stroke (mm)	X-demolding stroke (mm)	Removal cycle (s)
Gripper with sprue			Dry run
250	500, 700	50	< 1

GETgrip by GETECHA



Gets with the program, gets to grips with the big stuff

This dependable, sturdy unit is flexible in use and can be expanded with pneumatic and vacuum functions as well as peripheral devices. With maximum load capacity – for all those who demand more performance.

Load capacity (g)	Y-demolding stroke (mm)	X-demolding stroke (mm)	Removal cycle (s)
Gripper with sprue			Dry run
1.000	400, 650, 800	0 – 50, 100	< 1

GETspeed by GETECHA



Solid and strong for high speed

All linear axes of this fast unit have a precision linear guide. Simple to program and reliable in operation.

Load capacity (g)	Y-demolding stroke (mm)	X-demolding stroke (mm)	Removal cycle (s)
sprue only			Dry run
1.000	800	300	7



Handling technology: GETECHA linear devices

GL by GETECHA



Fast, economical, precise, rugged

From affordable and economical removal of parts to automation of complex flexible manufacturing cells. The GL series covers removal, insertion or processing on the gamut of injection-molding machines from small to large. Short cycle times, high speeds, positioning accuracy and repeatability and yet unflappable. Sturdy thanks to warp resistant steel construction, but fast thanks to reduced-weight aluminum moving parts. Communication with the injection molding machine takes place via the Euromap 67 interface. A high-performance SPC with capacity for numerous programs makes it easy to master a very wide range of challenges. The range of optional equipment features is wide, making the GL series flexible in use.



Model	Load capacity (kg) Gripper with molding	Z-traverse axis (mm)	X-demolding axis (mm)	Y-vertical axis (mm)
GL 1-AP	1	1.000 – 2.000	0 – 50	650 – 1.000
GL 1-S	1	1.000 – 2.500	350	800 – 1.000
GL 3-S	3	1.500 – 3.000	350	800 – 1.000
GL 5-S/A/AP	5	from 2.000	from 500	from 1.000
GL 15-S	15	from 2.000	from 700	from 1.200
GL 25-S	25	from 2.500	from 1.000	from 1.500
GLS 1-S	1	700 – 1.500	-	-
GLS 15-S	15	1.300 – 3.500	optional	optional

A = Asynchronous servomotor
S = Servomotor

P = pneumatic
A/P = motor-driven/pneumatic



Automation of manufacturing cells: GETECHA automation

Handling technology by GETECHA



Injection molding around inserts, linking of processing stations, etc.

GETECHA unites development, design, and manufacturing under one umbrella. Thanks to this, wide-ranging problems are solved effectively in close cooperation with the customer.



Granulation

Beside-the-press granulators
Central Granulators
Heavy-Duty Granulators



Automation

Sprue removal
Handling systems
Special automation solutions



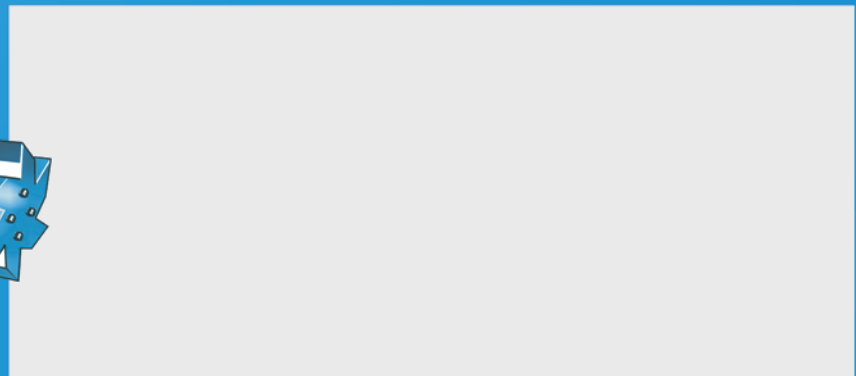
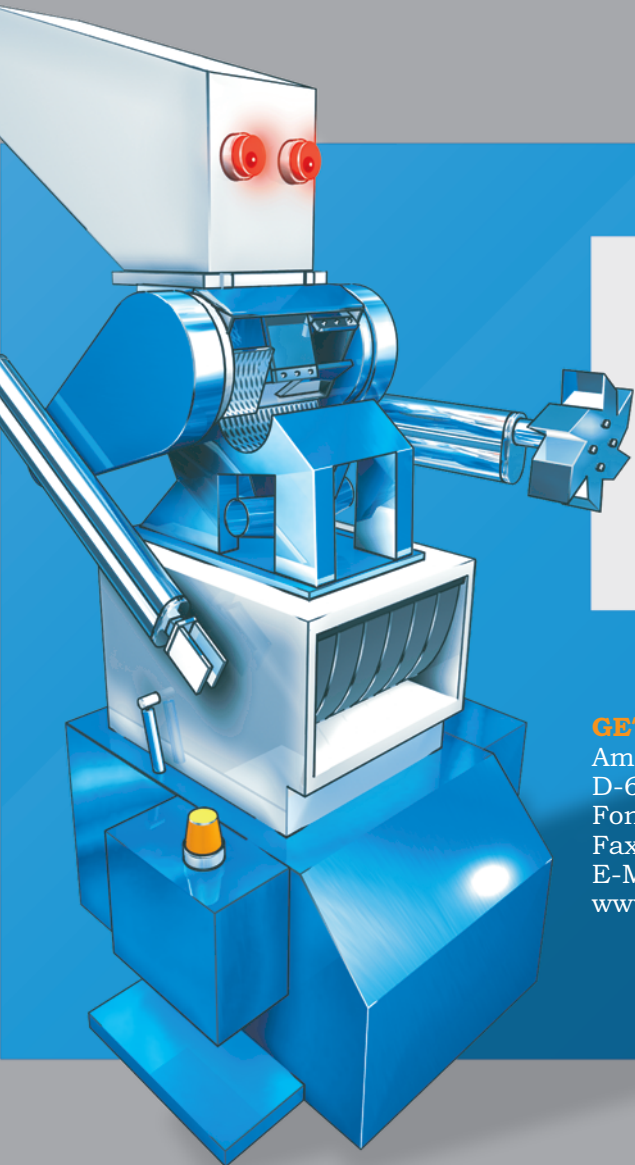
Technical installations

Development
Manufacturing
Start of operation

GETECHA granulators granulate plastics and return them to the production cycle. The granulators can be expanded into stand-alone recycling systems.

GETECHA realizes tailor-made, turnkey automation systems right around injection moulding machines. They are your one-stop source for development, manufacturing, service and training.

GETECHA have a worldwide sales and service network at their disposal. We guarantee fast, uncomplicated support.



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