

HEAVY DUTY GRANULATOR VGY & VGD

Features

- › Claw and flat blades are available for various applications.
- › Inclined blades realize high cutting efficiency, uniform particle size and few dusts.
- › Stainless steel hopper with sound-proof layer inside to reduce further noise.
- › Robust construction with CE standard designed.
- › Blades are made of chromium alloy steel featuring high strength and wearability.
- › The gap between rotary and fixed blades is adjustable.
- › Equipped with motor overload protector, isolation switch and safety switch to protect machine.
- › Compact structure is easy to service and prevents material pileup.

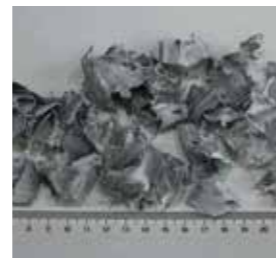
Size Reduction Illustration



Purgings



Single shaft shredder



After shredding
(about 40mm)



After crushing
(about 10mm)



Granulator



HEAVY DUTY GRANULATOR VGY & VGD



VGY Claw Blade

VGY Applicable: **plastic sheet, rod, lump, runner, molded part.**



VGD Flat Blade

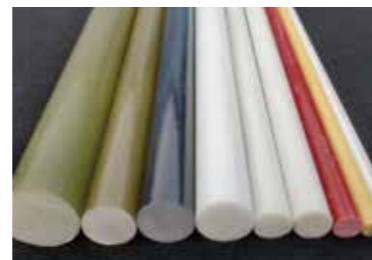
VGD Applicable: **plastic film, soft rubber, filament, bottle (thin-walled hollow objects) and knitted bag.**



Purging (VGY)



Pipe (VGY)



Rod (VGY)



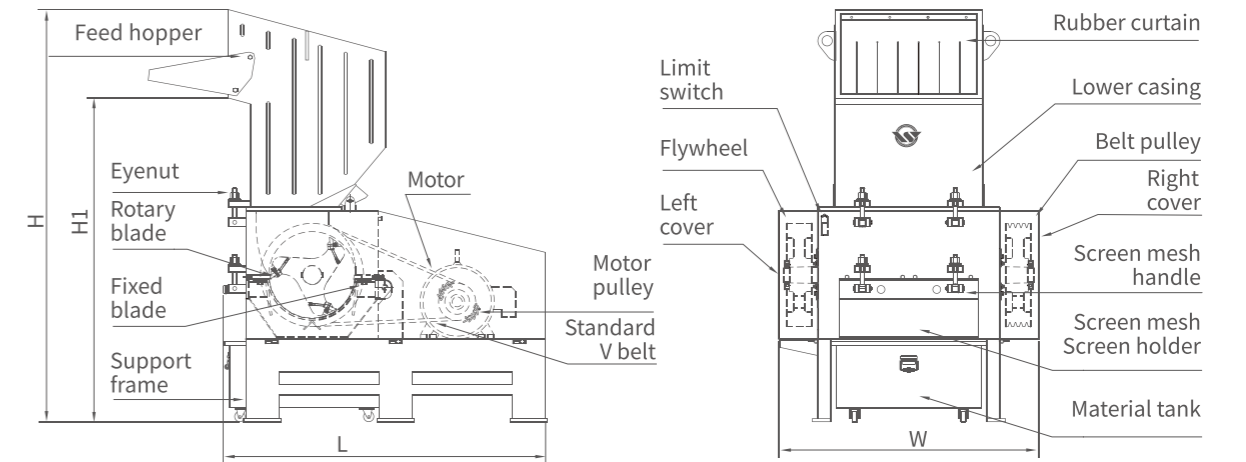
Preform (VGD)



Woven bag (VGD)



Bucket (VGD)



Specifications

Model	Crushing Chamber (mm)	Throughput (kg/h)	Fixed Blade (pcs)	Rotary Blade (pcs)	Power		Screen Opening (mm)	Dimension (cm) L×W×H	From Feed Hopper to the Ground H1(cm)	Net Weight (kg)
					kW	HP				
VGY-10HP	360×260	200-400	2	18	7.5	10	8	106×83×144	113	540
VGY-15HP	420×280	300-500	2	21	11	15	8	127×94×160	127	795
VGY-20HP	480×330	350-550	2	24	15	20	8	137×101×179	141	1040
VGY-30HP	660×350	500-800	4	27	22	30	10	157×132×200	160	1700
VGY-50HP	720×500	800-1200	4	27	37	50	12	187×151×248	194	2750

Specifications

Model	Crushing Chamber (mm)	Throughput (kg/h)	Fixed Blade (pcs)	Rotary Blade (pcs)	Power		Screen Opening (mm)	Dimension (cm) L×W×H	From Feed Hopper to the Ground H1(cm)	Net Weight (kg)
					kW	HP				
VGD-10HP	360×260	170-340	2	6	7.5	10	8	106×83×144	113	525
VGD-15HP	420×280	255-420	2	6	11	15	8	127×94×160	127	765
VGD-20HP	480×330	300-460	2	6	15	20	8	137×101×179	141	980
VGD-30HP	660×350	420-680	4	9	22	30	10	157×132×200	160	1640
VGD-50HP	720×500	680-1000	4	9	37	50	12	187×151×248	194	2700

Power supply: 3Φ 380VAC 50Hz;
We reserve the right to change specifications without prior notice.

GENERAL GRANULATOR WSGP/GD SERIES

Features

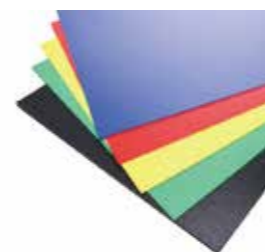
- Applicable for crushing general plastics materials, including **sheets, tube, profile, packing materials, injection and blow molded.**
- WSGD intends for **containers, thin-wall tubes, blow-molding parts including bottles and housing.**
- Staggered blades ensure uniform granules and high efficiency.
- The gap between rotary and fixed blades is adjustable.
- Equipped with motor overload protector, isolation switch and safety switch to protect machine and operator.
- Fine bearing allows long term durability.
- Advanced production technics achieve high precision matching of important parts, such as frame and blade cutter.



Pipe



Profile



Plate



Sprue



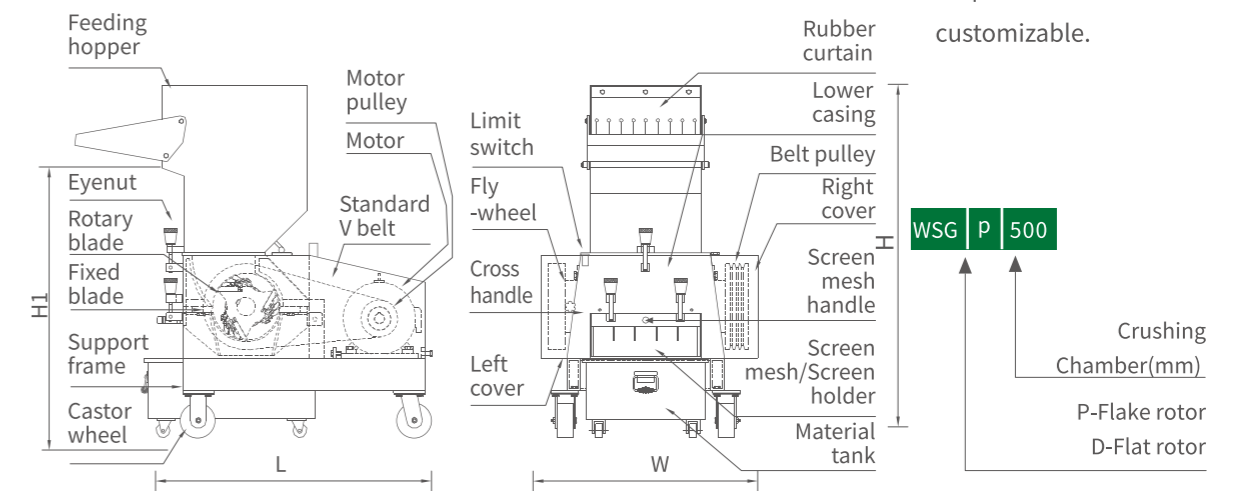
Flake blade

Flake rotor

Flat rotor

Screen

Screen opening determines output size and its size is customizable.



Specifications

Model	Crushing Chamber (mm)	Through-put (kg/h)	Fixed Blade (pcs)	Rotary Blade (pcs)	Power		Screen Opening (mm)	Dimension (cm) L×W×H	From Feed Hopper to the Ground H1(cm)	Net Weight (kg)
					kW	HP				
WSGP-230	230×215	100-150	2	6	4	5	8	97×61×120	120	290
WSGP-300	310×200	150-200	2	9	5.5	7.5	8	100×72×129	100	435
WSGP-400	410×235	200-250	2	12	7.5	10	8	103×84×139	104	500
WSGP-500	515×290	300-350	2	15	11	15	8	123×101×163	123	900
WSGP-600	610×320	350-450	4	18	15	20	8	132×111×183	137	970
WSGP-800	815×470	450-600	4	24	22/30 (Optional)	30/40 (Optional)	10	173×149×230	172	2000
WSGD-960	960×610	600-800	4	12	37/55 (Optional)	50/75 (Optional)	12	258×176×268	204	3000

Power supply: 3Φ 380VAC 50Hz;

We reserve the right to change specifications without prior notice.

SOUNDPROOF GRANULATOR WSGJ SERIES

Features

- › Upgrade to WSGP to dramatically reduce noise.
- › Fully **enclosed construction** realizes low noise (below 80dB within 1 meter) and no dust.
- › Installed with heat dissipation system to protect motor, ensuring motor to run for long time.
- › Consisted of safety devices and CE certified electrical components to meet European safety standards.
- › Adopted phase controller to prevent motor from rotating wrong direction.
- › Installed with isolator switch for safer operation and maintenance.
- › Storage trolley is standard configuration, while hopper and cyclone system are optional.



WSGJ600 + RF-3HP

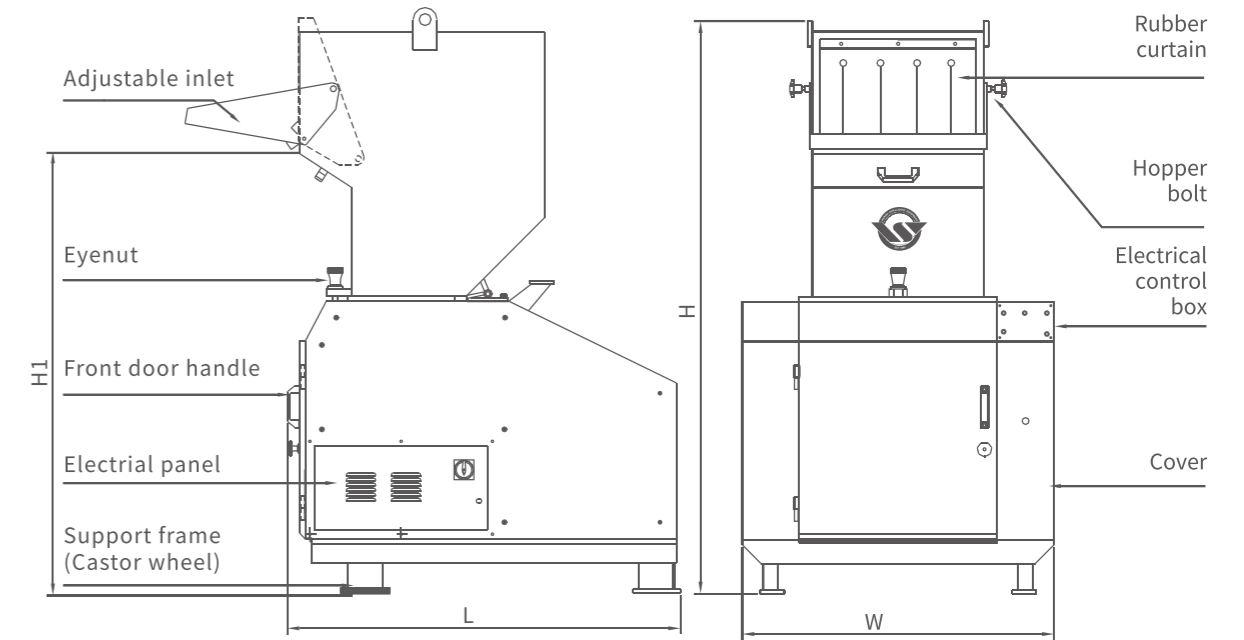


Plastic bottle



Plastic products

SOUNDPROOF GRANULATOR WSGJ SERIES



Specifications

Model	Crushing Chamber (mm)	Throughput (kg/h)	Fixed Blade (pcs)	Rotary Blade (pcs)	Power		Screen Opening (mm)	Dimension (cm) L×W×H	From Feed Hopper to the Ground H1	Net Weight (kg)
					kW	HP				
WSGJ230	230×215	100-150	2	6	4	5	8	100×72×149	119	500
WSGJ400	410×270	200-250	2	12	7.5	10	8	118×93×170	137	800
WSGJ500	520×320	300-350	2	15	11	15	8	130×106×196	152	1100
WSGJ600	620×340	350-450	4	18	15	20	8	136×116×213	168	1350
WSGJ800	815×480	450-600	4	24	22	30	10	185×154×268	208	2250

Power supply: 3Φ 380VAC 50Hz;

We reserve the right to change specifications without prior notice.

FILM GRANULATOR WSGE SERIES



Features

- › Excellent at recycling plastic films and sheets, e.g. **PE & PP sheets, knitted bags and fibers.**
- › Scissor blades are designed for better cutting efficiency.
- › The gap between rotary and fixed blades is adjustable.
- › Motor overload protector, isolation switch and safety switch protect machine and operator.
- › Suction blower and storage bin can be optionally integrated as a recycling system.



Crushing Chamber



Plastic bag



Film

Specifications

Model	Crushing Chamber (mm)	Through-put (kg/h)	Fixed Blade (pcs)	Rotary Blade (pcs)	Power		Screen Opening (mm)	Dimension (cm) L×W×H	Net Weight (kg)	Optional Suction Blower(HP)
					kW	HP				
WSGE400	410×235	80-120	2	3	7.5	10	12	103×84×139	520	2
WSGE600	610×320	130-230	4	6	15	20	12	132×111×183	1100	3
WSGE800	815×470	180-280	4	6	22	30	12	173×149×230	2000	4

Power supply: 3Φ 380VAC 50Hz;

We reserve the right to change specifications without prior notice.

LOW-SPEED GRANULATOR WSGO SERIES

Features

- › Screenless design with no dust and uniform granules.
- › Adopted Taiwanese brand gear reducer with higher torque and long service life.
- › Can process coarse and small materials simultaneously.
- › Gear reducer and shaft are connected by coupling for smooth operation and low noise.
- › Hopper and structure are easy to access and clean.
- › Consisted of main power isolator for safety.
- › Equipped with timer that allows automatically start and stop working.
- › Hopper and autoloader are standard configuration.

Optional Configuration

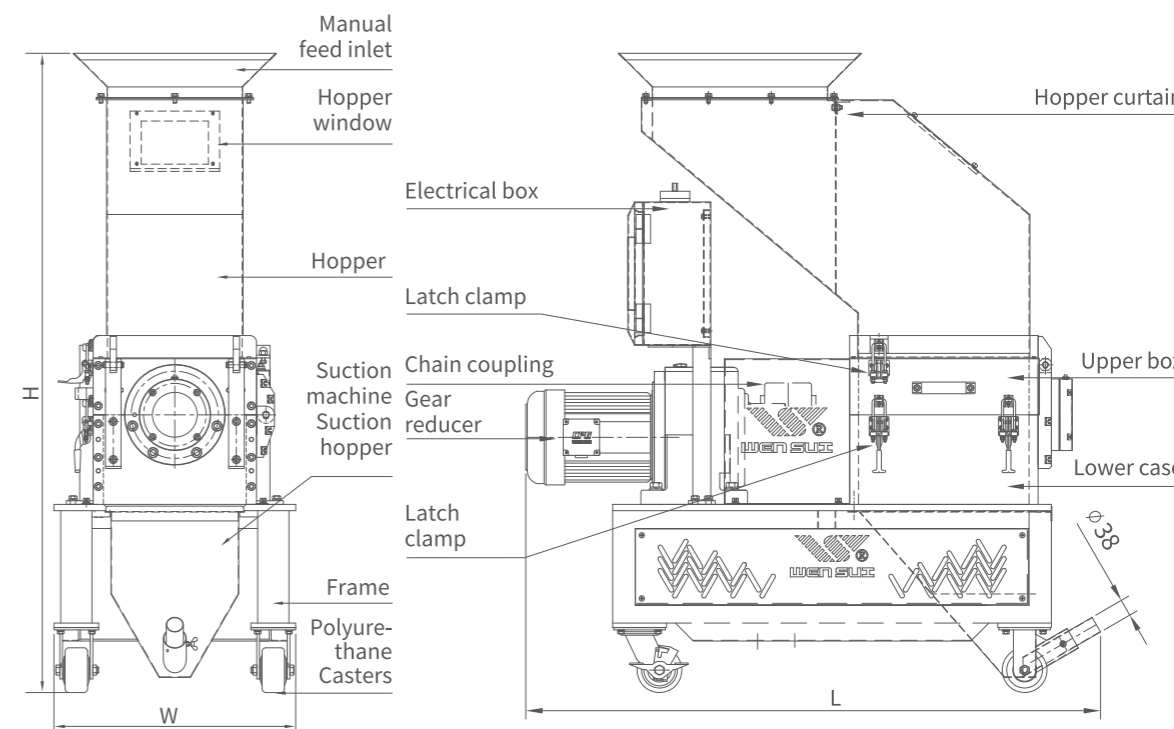
- › Material storage trolley.
- › Robot arm feeding port.
- › RFC-0.75HP cyclone system for proportionally mixing the virgin and regrind materials.



Blade



Crushing Chamber



Specifications

Model	Crushing Chamber (mm)	Throughput (kg/h)	Revolution (r/min)	Power		Blower Power		Dimension (cm) L×W×H	Net Weight (kg)
				kW	HP	kW	HP		
WSGO280-2HP	280×300	15-30	24	1.5	2	/	/	111×54×131	360
WSGO380-3HP	380×300	25-50	24	2.2	3	/	/	129×54×143	460
WSGO280-2HP + RFC-0.75HP	280×300	15-30	24	1.5	2	0.55	0.75	104×54×131	375
WSGO380-3HP + RFC-0.75HP	380×300	25-50	24	2.2	3	0.55	0.75	122×54×143	475

Note: The standard height of hopper matches with manual feeding, while the height needs to increase by 20cm to match with robot arm;

Power supply: 3Φ 380VAC 50Hz;

We reserve the right to change specifications without prior notice.

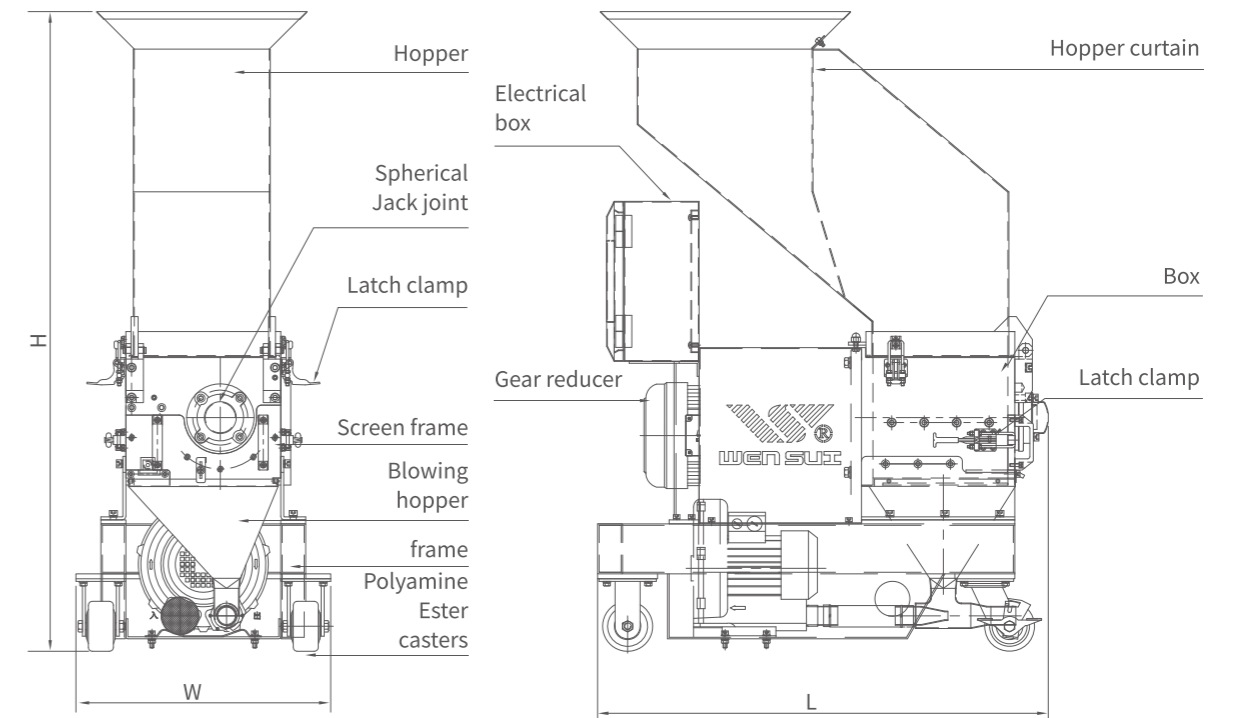
LOW-SPEED GRANULATOR WSGL SERIES

Features

- › Lower noise, well-proportioned granule and less powder.
- › Adopted Taiwan gear reducer with large torque, good quality and long service life.
- › Directly driven by gear reducer for steady operation.
- › Double-layer and sound-proof hopper.
- › Fixed blades need to be sharpened after 4 times usage.
- › Easy blade replacement reduces down time.
- › Hopper and screen can be easily accessed and cleaned.
- › Consisted of motor overload protector, isolation switch and safety switch.
- › Equipped with timer to start and stop working automatically.
- › Equipped with caster for movability.
- › Standard configuration is blowing cyclone system, while optional configuration is material storage trolley or hopper.



Crushing Chamber



Specifications

Model	Crushing Chamber (mm)	Through-put (kg/h)	Revolution (r/min)	Fixed Blade (pcs)	Rotary Blade (pcs)	Power		Blower Power		Screen Opening (mm)	Dimension (cm) L×W×H	Net Weight (kg)
						kW	HP	kW	HP			
WSGL270	270×270	45-90	140	2	27	2.2	3	/	/	6	91×51×128	250
WSGL270-3HP+RFC-0.75HP	270×270	45-90	140	2	27	2.2	3	0.55	0.75	6	91×51×128	265

Power supply: 3Φ 380VAC 50Hz;

We reserve the right to change specifications without prior notice.

BESIDE-THE-PRESS GRANULATOR WSGM SERIES

Features

- › Excels at inline granulating small **runner and sprues**.
- › Moderate speed realizes low noise and reduces blade wear.
- › Small footprint.
- › Features low dust and high energy efficiency.
- › No tools are required for maintenance and cleaning.
- › Consisted of motor overload protector, isolation switch and safety switch.

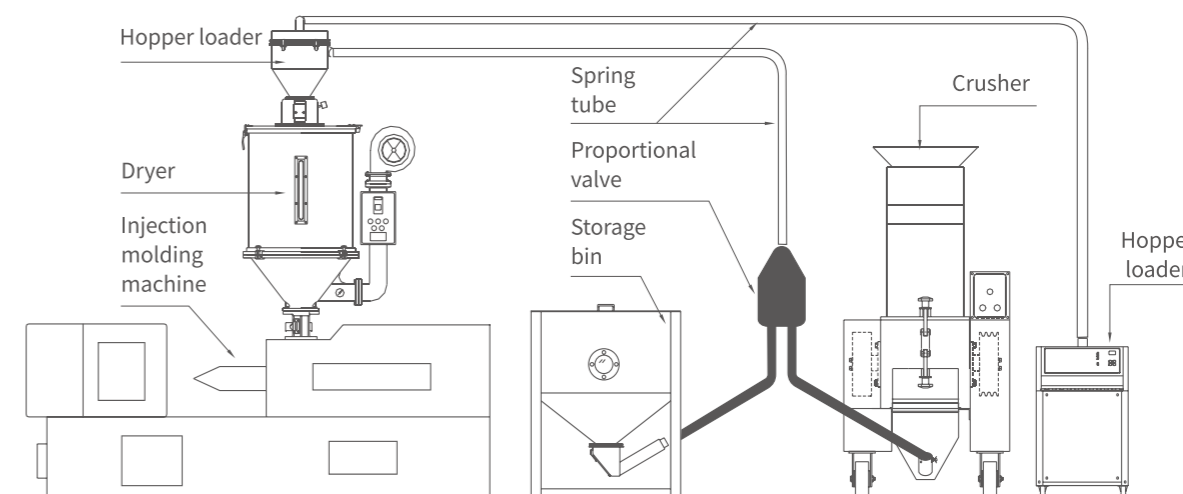


Blade



Proportional Valve

Integrates with proportional valve and autoloader to set up a recycling system of virgin and regrind materials.



Specifications

Model	Crushing Chamber (mm)	Through-put (kg/h)	Revolutions (r/min)	Fixed Blade (pcs)	Rotary Blade (pcs)	Power		Blower Power		Screen Opening (mm)	Dimension (cm) L×W×H	Net Weight (kg)
						kW	HP	kW	HP			
WSGM250-3HP	250×200	100-150	300	2	12	2.2	3	/	/	6	98×66×128	370
WSGM250-5HP	250×200	100-150	300	2	12	4	5	/	/	6	98×66×128	400
WSGM250-3HP+RF1.5HP	250×200	100-150	300	2	12	2.2	3	1.1	1.5	6	98×94×134	410

Power supply: 3Φ 380VAC 50Hz;

We reserve the right to change specifications without prior notice.

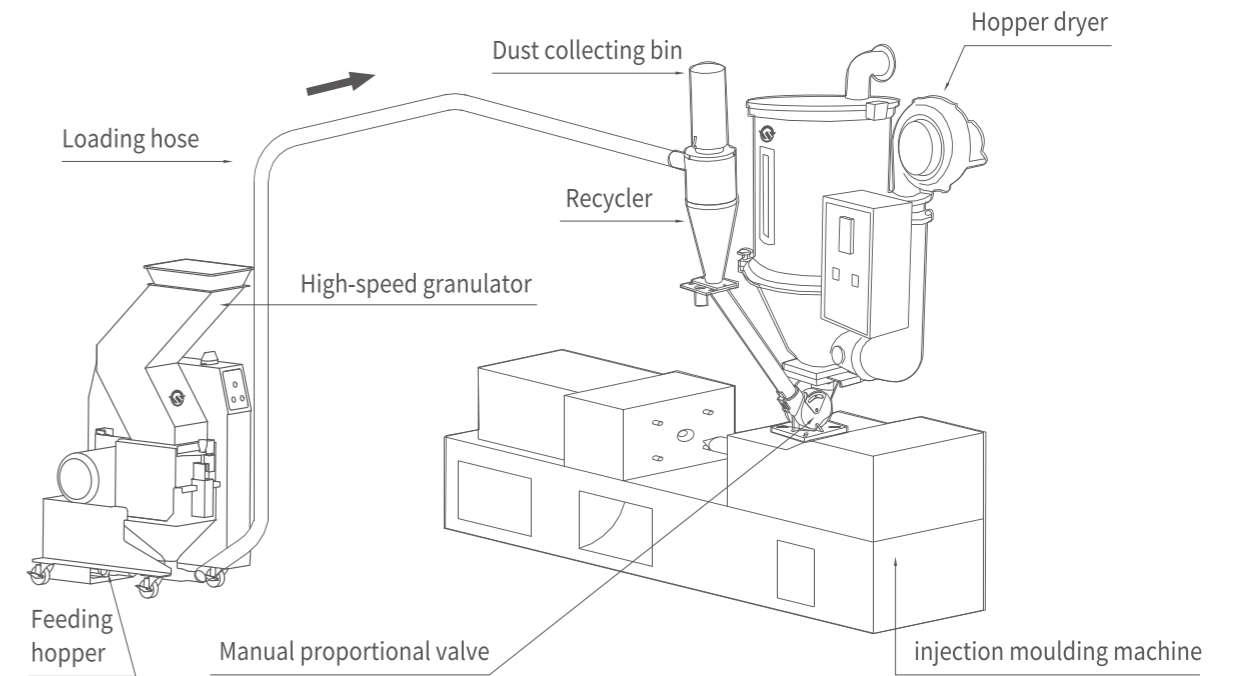
BESIDE-THE-PRESS GRANULATOR WSGI SERIES

Features

- Suitable to install besides molding machine, and can be integrated with cyclone system and dryer to form a rapid recycling system.
- Applicable for **small rejects, runners and regrinds**.
- Ensures maximum recycling efficiency by saving manpower and recycling material waste.
- Small footprint, no dust, low noise and can run for long duration.



Crushing Chamber



Runner and Sprue

Specifications

Model	Crushing Chamber (mm)	Throughput (kg/h)	Revolution (r/min)	Fixed Blade (pcs)	Rotary Blade (pcs)	Motor Power		Blower Power		Screen Opening (mm)	Dimension (cm) L×W×H	Net Weight (kg)
						kW	HP	kW	HP			
WSGI-210D +RFC	210×200	50-90	250	2	3	1.5	2	0.55	0.75	6	89×53×138	230
WSGI-310 +RF	310×230	80-130	300	4	6	3	4	0.75	1	6	97×68×145	395

Power supply: 3Φ 380VAC 50Hz;

We reserve the right to change specifications without prior notice.