



Taida Plastic Technologies (Zhongshan) Co., Ltd.

A professional manufacturer for plastic auxiliary equipments,
for more than 15 years

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About Us



TAIDA Plastic Technologies Zhongshan(headquarters)



TAIDA Plastic Technologies Anhui(branch company)

Located in Guangdong province, Taida Plastics Technologies (Zhongshan) Co., Ltd, was established in 2008. With the rapid development of the plastics industry, we've established a branch company-Anhui Taida Plastics Technologies Co., Ltd in 2011 in Wuhu City, Anhui Province.

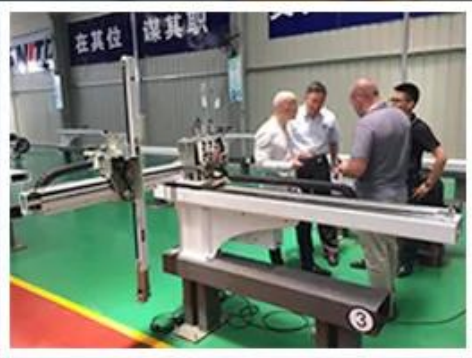
Our products consist of six series and three systems: Drying and Dehumidifying, Feeding and Conveying, Dosing and Mixing, Heating and Cooling, Granulating and Recycling, Intelligent Robot, Central Feeding System, Central Cooling System, PET System, design & production of non-standard automation.

We've not only gained more than 100 design patents for invention and new technology patents but also has passed the ISO9001; 2008 international quality management system certification as well as the European Union mandatory CE certification. In addition, we were honored as "GUANGDONG Well-Known Brand" in 2009 and won the honor title of "China Famous Brand" "New High-tech Enterprise" in 2012 and "China Credit Enterprise" in 2010, etc.

Sticking to our management principle and advanced technology, we've won our customers' support and trust, and our products are popularly exporting to more than 30 countries and regions such as Europe, American as well as Asia.

Factory Views

Standardized production management system



Granulating And Recycling



Screenless Granulators

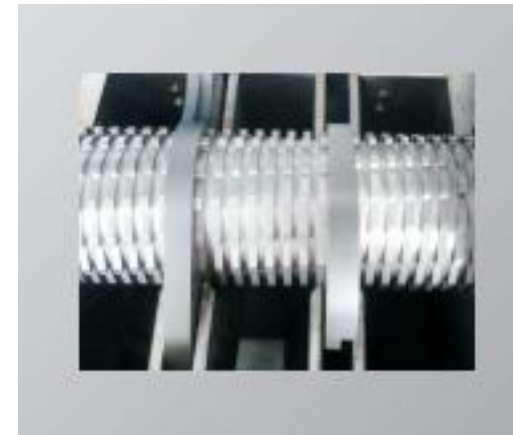


Introduction:

TG-2618/27/36 series granulators operate in super low speed to cut materials into well proportioned granules. There are least dusts produced in the cutting process. Multiple security devices ensure high safety grade; granulating hard and this series of screenless granulators are suitable for thick materials.

Features:

- Japan-made gear motor features steady steady performance long service life and high torque.
- Teeth cutters and cutting blades are integrally fitted in one cutting chamber.
- "Euro" style appearance, compact in size and easy to access for cleaning and maintenance.
- Transparent PC feeding hopper.
- Screenless design, well-proportioned size of regrinds and least amount of dusts. Regrinds could be used with virgin materials.



Staggered Blades

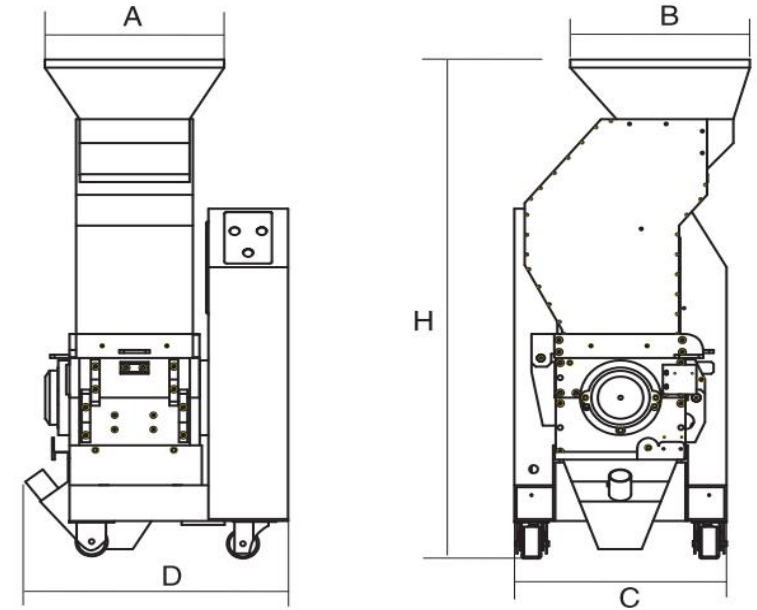


Screenless Granulators



Specifications

Model	TG-2618	TG-2627	TG-2636	TG-4050
Motor Power(kw)(50/60Hz)	0.75	0.75(1.5)	1.5(2.2)	2.2(3.7)
Rotor Speed(rpm)(50/60Hz)	24.2	24.2	24.2	28.8
Material of Teeth Cutters	SKD11	SKD11	SKD11	5KD11
Number of Teeth Cutters	2	3	4	3
Number of Cutting Cutters	1	2	3	2
Cutting chamber(mm)	180x271	271x271	361x271	400*450
Max.Throughput Capacity(kg/hr)(50/60Hz)	3	6.5-7	9-10	20-25
Noise Level dB(A)	65-73	65-73	65-73	65-73
30 secs.Instant Re	○	○	○	○
Regrind Conveyor(Bc.Type)	○	○	○	○
Dust Separator	○	○	○	○
Manual Storage Bin	○	○	○	○
Dimensions				
A(mm)	326	415	506	450
B(mm)	416	490	416	520
C(mm)	610	500	610	1450
D(mm)	387	545	567	550
H(mm)	1250	1245	1250	1300
Weight(kg)	220	250	310	512



- Note: 1) “○” Stands for options
 2) For stainless steel made feed port and manual storage bin, plus “R” at model behind.
 3) Max. Capacity of the machine is subject to the size and composition of the material.
 4) Noise level will vary with different materials.
 5) SKD11 is material code number of Japanese JIS standard.
 6) Teeth cutter blades with 5mm width as standard, 6mm as optional
 7) In order to avoid plastic blades, all of the materials should be carried out at room temperature crushed.
 8) Power supply : 3Φ 400VAC ,50Hz

Low-Speed Granulators



Introduction:

TG-series low-speed granulators are suitable for by-the-press recycling of sprues. They feature easy operation, excellent performance, low noise and dust level. They are in "Euro" style design and compact in size. High quality blades ensure long-lifespan. High security grade also conforms with CE safety standard

Features:

High safety grade design.

Small in size with castors for easy moving.

Best shear angle ensure the efficiency of material granulating

Low speed and sound proof material hopper brings a quiet operation environment.

Staggered blades can increase working efficiency and at the same time reduce energy consumption.

Well-proportioned granules and low dust level

Easy to access for easy maintenance and cleaning

Low granulating speed and sharp angle design of rotating blades are helpful for smooth and continuous operation.

For granulating fiber - added material, cutting-chamber can be optionally made in HT300 material.



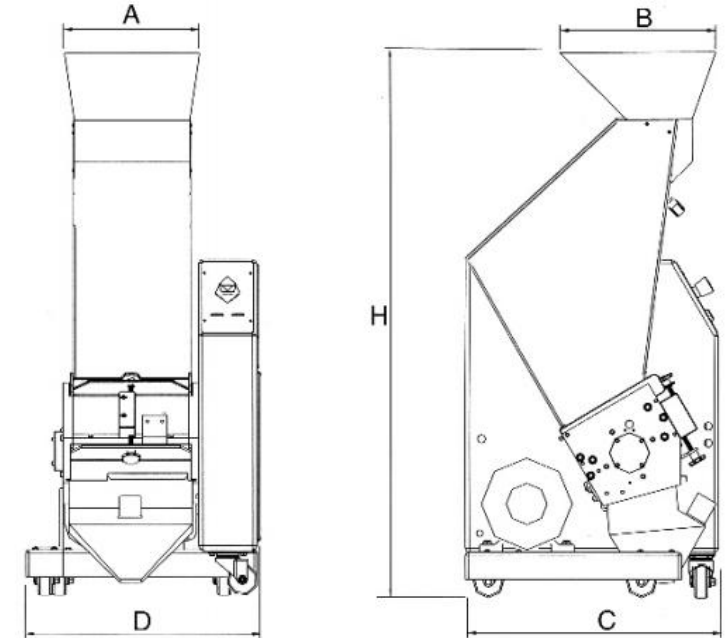
Staggered Blades

Low-Speed Granulators



Specifications

Model	TG-1814	TG-1821(H)	TG-1828(S)	TG-(1835(H)	TGT-(1842(H)
Motor Power(kw)(50/60Hz)	1.5	1.5/2.2	2.2/1.5	2.2/3	2.2/3/4
Rotor Speed(rpm)(50/60Hz)	190	190	190	190	190
Number of Fixed Blades	2X1	2X1	2X1	4X1	4X1
Number of Rotating Blades	3X2	3X3	3X4	3X5	3X6
Cutting Chamber(mm)	180X140	180X210	180X280	180X350	180X420
Max.Throughput Capacity (kg/hr)(50/60Hz)	20	35/40	70/60	85	100
Noise Level dB(A)	76	81	82	82	85
Material of Blades(SKD11)	✓	✓	✓		
Dia.of Screen Hole(5mm)	✓	✓	✓		
Dia. of Screen Hole(4,6,8,10,12mm)	○	○	○		
30 secs.Instant Recycling	○	○	○		
Proportioning Valves	○	○	○		
Blower Conveying(with cyclone)	○	○	○		
Venturi Loader VR	○	○	○		
Dust Separator (with instant recycling)	○	○	○		
Level Detector	○	○	○		
Dimensions					
A(mm)	260	390	435	495	560
B(mm)	380	420	420	425	420
C(mm)	600	680	685	680	680
D(mm)	405	470	570	620	620
H(mm)	1300	1330	1300	1310	1310
Weight(kg)	175	175	190(180)	200	



Note:1) "✓" standard, "○" optional

2) "H" refers to higher motor power.

3) Max. capacity of the machine is subject to diameter of screen hole and composition of the material.

4) Noise level will vary, with different materials and motor types.

5) Power supply: 3Φ, 230/400/460/575V, 50/60Hz.

Powerful Granulators



Introduction:

TG series of granulators include claw cutter series, flat cutter series and blade cutter series. They are applicable to a wide range, can meet a wide variety of requirements able to granulate & recycle all kinds of plastics material of different texture and shapes.

CLAW CUTTER SERIES:

Suitable for recycle and restore of all kinds of plastics, e.g. blow molded products and shoe last. TG claw series are easy to operate and simple to replace cutter blades, well designed cutter base cutter blades are able to disperse bearing force & increase the power effectively of each cutter & reduce wear and tear, fully installed with electrical safety devices. Double wall hopper designed installed with soundproof material, safety and environment concern: Low electricity consumption and durable.

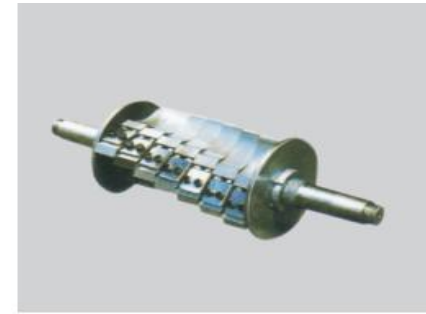
FLAT CUTTER SERIES

Suitable for recycle of plastic casing, thin tube plastics, sprues from injection & moulding sector, bottle plastics and shell plastics.

TG series are easy to operate and simple to replace cutters. Spacious flat blade is suitable to granulate bulky & thin plastics, increases efficiency: installed with electrical safety devices: double wall hopper with soundproof material. Motor is equipped with overload protector, and power protection devices. Safety and environment concern: low electricity consumption and durable. Stainless steel hopper for all models is available.

BLADE CUTTER SERIES

Blade cutter is in between claw and flat cutter blade. Suitable for recycle and restore of conventional sheets, tube plastic, profiles, packing plastics, extrusion mould products & runners. General operation adopted with airtight sealed bearing to allow long hours rotation; well designed cutter blades, to ensure the balance of pellets sizes after crushed; cutter base with special heat treatments, elegant in appearance.



claw cutter saddle



Flat cutter saddle



Blade cutter saddle



Flat cutter saddle



Powerful Granulators

Specifications

TGT Specifications

Model		TGY250	TGY380	TGY480	TGY500	TGY630	TGY700	TGY790	TGY960	TGY1100
Crushing chamber(mm)		250X200	380X240	480X290	540X330	630X340	700X480	790X550	960X610	1100X 800
Crushing ability(kg/h)		100-200	200-300	300-500	300-400	400-500	450-600	600-800	700-900	900-1100
Stationary cutter		2	2	2	2		2	4	4	4
Rotary cutter		12	18	21	21	27	27	27	30	45
Power	KW	4	7.5	11	15	22	22/30	37/45	37/45	75
	HP	5	10	15	20	30	30/40	50/60	50/60	100
Dimensions(xWxH cm)		900X660X1200	1010X810X1390	1200X960X1670	1300X1010X1810	1400X1200X1800	1700X1430X2350	1900X1630X2670	1900X1760X2780	2550X2050X3440
Net Weight(kg)		290	516	850	900	1400	1800	3000	3000	6000
Dia.of Screen Hole		Φ7	Φ10	Φ12	Φ12	Φ12	Φ12	Φ12	Φ12	Φ12

TGD Specifications

Model		TGD380	TGD500	TGD800	TGD815	TGD960	TGD1100
Crushing chamber(mm)		380X240	504X330	815X470	815X520	960X610	1100X800
Crushing ability(kg/h)		200-300	300-400	450-600	550X700	600-800	800-1000
Stationary cutter		2	2	4	4	4	4
Rotary cutter		6	6	9	12	12	12
Power	KW	7.5	15	22/30	37	37	75
	HP	10	20	30/40	50	50	100
Dimensions(xWxH cm)		1010X810X1670	1300X1010X1810	1700X1500X2400	1720X1540X2450	1900X1760X2780	2550X2050X3440
Net Weight(kg)		515	900	2000	2300	3000	6000
Dia.of Screen Hole		Φ10	Φ12	Φ12	Φ12	Φ12	Φ12

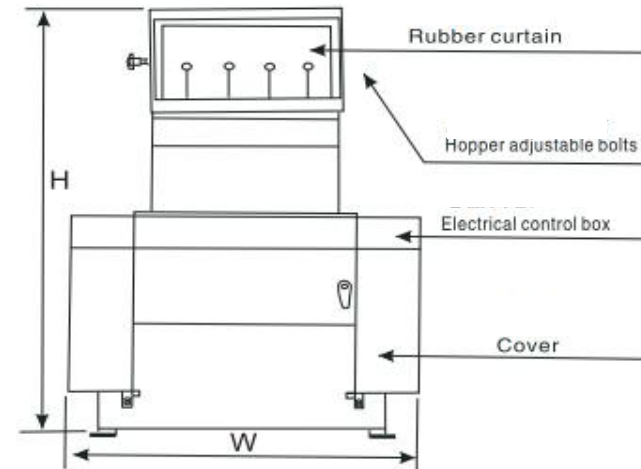
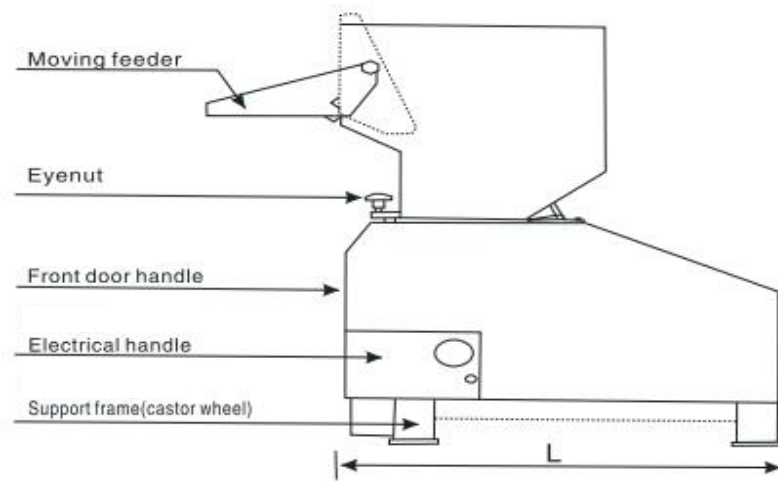
Powerful Granulators



TGP Specifications

Model		TGP230	TGP300	TGP400	TGP500	TGP600	TGP800	TGP700
Crushing chamber(mm)		230X200	310X210	410X240	515X300	610X330	815X470	715X330
Crushing ability(kg/h)		100-150	150-200	200-250	300-350	350-450	450-600	400-500
Stationary cutter		2	2	2	2	4	4	4
Rotary cutter		6	9	12	15	18	24	21
Power	KW	4	5.5	7.5	11	15	22/30	22
	HP	5	7.5	10	15	20	30/40	30
Dimensions(xWxH cm)		950X640X1220	1000X730X1320	1020X830X1390	1200X1000X1670	1300X1100X1800	1700X1500X2400	1400X1200X1800
Net Weight(kg)		288	432	500	900	1100	2000	1500
Dia.of Screen Hole		Φ7	Φ10	Φ10	Φ12	Φ12	Φ12	Φ12

Structure Diagram



Mute Centralized Granulators

Specifications

Model	Motor Power(kw)	Size of Feeding Inlet(mm)	Screen Size(mm)	Max.Breaking Capacity(kg /hr)	Rotating Blades		Fixed Blade s)	Weight (kg)	External Size LxWxH(mm)	
					(Qty.of Saddle Blades)	(Qty.of Staggered Blades)				
TG-26	40(H)	7.5(11)	260x400	Φ 10	300-550	6	24	2	450	1250x910x1387
	50(H)	11(15)	260x500	Φ 10	400-650	6	30	2	650	1250x1010x1387
	60(H)	11(15)	260X600	Φ 10	270-350	3	18	2	310	1250x810x1387
TG-36	60(H)	15	360x600	Φ 12	400-700	6	30	4	1000	1425x1156x1850
	70(H)	18.5	360x700	Φ 12	500-800	6	36	4	1500	1425x1256x1850
	80(H)	22	360x800	Φ 12	600-900	6	42	4	1750	1515x1356x1970
TG-40	60(H)	15(18.5)	400X600	Φ 12	400-600	6	18	4	1070	2080x1480x2160
	70(H)	18.5(22)	400X800	Φ 12	600-800	6	21	4	1180	2280x1680x2360
	80(H)	22(30)	400X1000	Φ 12	800-1000	6	24	4	1390	2480x1880x2560
	100(H)	30(37)	400X700	Φ 12	Φ400X700	6	30	4	1590	

- notice: 1) “√” denotes standard, “○” denotes optional;
2) “H” denotes increase motor power;
3) The material of storage box is replaced by stainless steel, marked with “R”;
4) SKD11 is material code number of Japanese JIS standard;
5) plastic materials with kinds of fibre (e.g. CPVC) shall be granulated by related granulator, marked with “F” behind;
6) Max throughput capacity depends on dia of screen hole and materials;
7) Noise level depends on plastic materials and motor configuration;
8) Noise level test standard: 1m around, 1.6m upward;
9) To avoid pasting up on blade, all plastic materials shall be granulated at normal temperature.
10) power supply: 3Φ, 400V, 50HZ.

