# "Budget" Sesies SG-EB

SG-2130EB

Refer carefully to this manual before operation.

# SG-EB Series

## Coding Principle

SG - xx xx EB - x

- x → Option
- EB → "Budget" Series
- xx (2nd) → Length of Cutting Chamber (cm)
- xx (1st) → Width of Cutting Chamber (cm)
- SG → Shini Granulator

## Features

- Staggered blades design can decentralize working load when granulating to increase cutting efficiency.
- Cutters adjustment are available. Shaping after blunt ensures longer life service.
- Optimal cutting angle makes resistance small and avoid blockage to improve cutting efficiency.
- Adopt adjustable bearing with base, mounted outside of cutting chamber's side plate of bearing for convenient installation and maintenance.
- Optimal design can effectively reduce vibration during operation of granulator.
- Equipped with motor overload relay and multiple safety devices to ensure machine safe operation.
- Small in size with castor for easy moving.
- Economic structure design can reduce the cost of replacement parts.

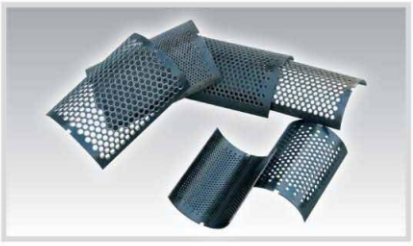
Staggered Cutter

## Application

This serie of SG-EB has optional structure and safe operation, but more of cost saving as well. The granulators are applicable to granulate various kinds of plastic materials from injection molding, blow molding or wasted materials.

## Options

### Special Screen

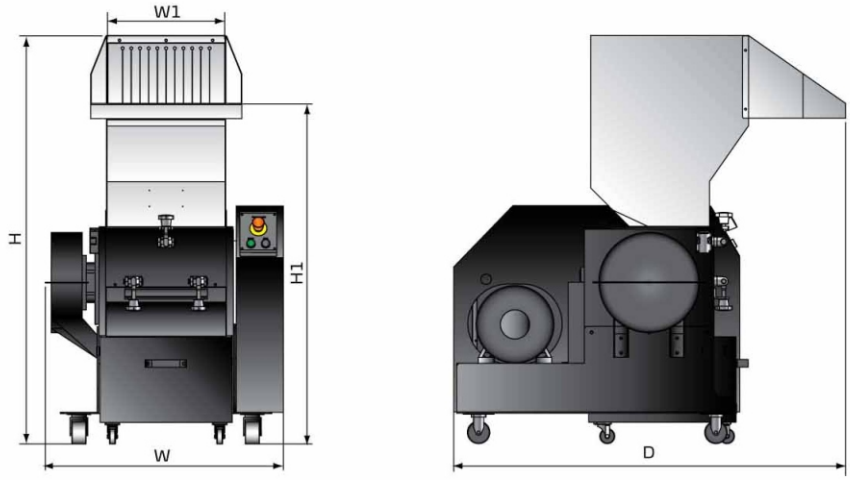


Special screen mesh sizes include, Φ6, Φ10, Φ12(mm), which are applicable to different occasions.
Add "SS"at the model behind.

Feed port and storage tank are made of stainless steel.
Add "R"at the model behind.

For Fiber Reinforced materials, full fiber reinforced model is optional. Adopt surface-hardening treatment on the material contacting components blade material is V-4E joint with S50C.

## Outline Drawings




## Specifications

| Model | | | SG-2130EB | SG-2540EB | SG-2950EB | SG-3260EB |
|---|---|---|---|---|---|---|
| Motor Power | | | 5.5 | 7.5 | 11 | 15 |
| Rotating Speed (rpm, 50/60Hz) | | | 540 | 540 | 540 | 450 |
| Material of Blades | | | Cr12Mo1V1 | Cr12Mo1V1 | Cr12Mo1V1 | Cr12Mo1V1 |
| Blade Type | | | Staggered | Staggered | Staggered | Staggered |
| Quantity of Fixed Blades | | | 2 | 2 | 2 | 4 |
| Quantity of Rotating Blades | | | 3 × 3 | 3 ×4 | 3 × 5 | 3 × 6 |
| Cutting Chamber | | mm | 210 × 300 | 250 × 400 | 290 × 500 | 320 × 600 |
| | | inch | 8.3 × 11.8 | 9.8 × 15.7 | 11.4 × 19.7 | 12.6 × 23.6 |
| Max. Output | | kg/hr | 150~200 | 200~250 | 250~300 | 300~350 |
| | | lb/hr | 331~441 | 441~551 | 551~661 | 661~772 |
| Noise Level dB(A) | | | 105~ 110 | 105~ 110 | 105~ 110 | 105~ 110 |
| Screen | | mm | √(Φ8) | √(Φ8) | √(Φ8) | √(Φ8) |
| | | inch | √(Φ0.3) | √(Φ0.3) | √(Φ0.3) | √(Φ0.3) |
| Flywheel | | | √ | √ | √ | √ |
| Dimension | H | mm | 1200 | 1385 | 1450 | 1600 |
| | | inch | 47.2 | 54.5 | 57 | 63 |
| | H1 | mm | 1008 | 1156 | 1173 | 1293 |
| | | inch | 39.7 | 45.5 | 46.2 | 50.9 |
| | W | mm | 694 | 795 | 904 | 1029 |
| | | inch | 27.3 | 31.3 | 35.6 | 40.5 |
| | W1 | mm | 300 | 400 | 500 | 600 |
| | | inch | 11.8 | 15.7 | 19.7 | 23.6 |
| | D | mm | 1105 | 1330 | 1430 | 1515 |
| | | inch | 43.5 | 52.4 | 56.3 | 59.6 |
| Weight | | kg | 400 | 470 | 550 | 720 |
| | | lb | 882 | 1,036 | 1,213 | 1,587 |

Notes: 1) " √ " stands for standard.
2) Cr12Mo1V1 is corresponding to SKD11 under Japanese JIS standard .
3) When granulating fibers reinforced plastics or materials alike (e.g. CPVC), it is suitable to select granulators with special quenching process in for cutting chamber and blades, and also add "F" at end of the model code.
4) Max. capacity of the machine is subject to diameter of screen mesh and composition of material.
5) Noise level varies with different materials and motor types.
6) To avoid plastic from sticking to the blades, all materials should be crushed at normal temperature.
7) Power supply : 3Φ, 230/400/460/575VAC, 50/60Hz.

We reserve the right to change specifications without prior notice.

## Shini Group

Addr: No. 23, Minhe St., Shulin Dist.,
New Taipei, Taiwan

Tel: +886 2 2680 9119

Fax: +886 2 2680 9229

Email: shini@shini.com

Factories:

- Taiwan
- Dongguan
- Pinghu
- Ningbo
- Chongqing
- Mumbai