

Shredder

SGS-6080S

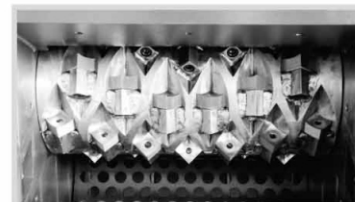
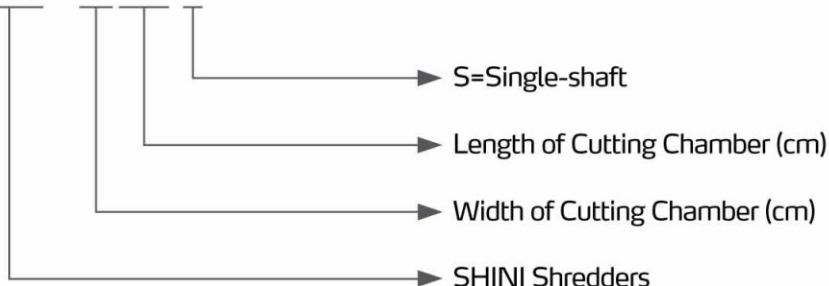


Refer carefully to this manual before operation.

SGS Series

■ Coding Principle

SGS - xx xxx S



Cutters of Single-shaft Shredder

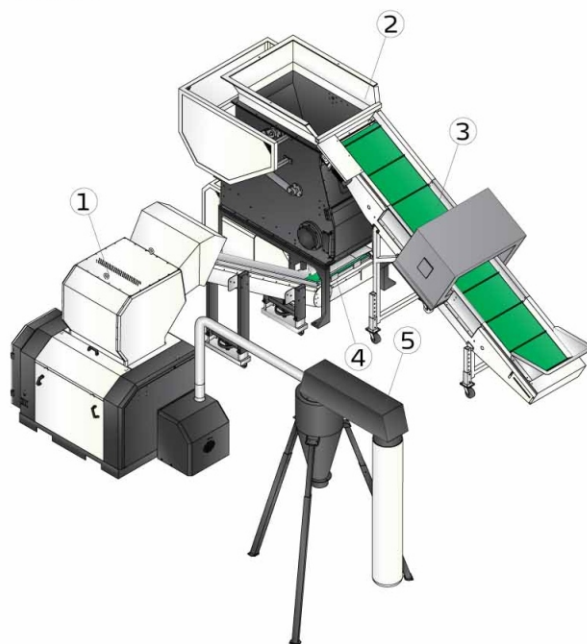
■ Features

- Milling smashing design, cutting in medium speed, low noise, low energy consumption, smashing in uniform size. Screen mesh will be chosen in accordance with customer's requirement.
- Rotor uses the square knife block of indentation on the surface to reduce the friction heat. When one of the angles of the cutter is broken, it can simply inter-change the cutter to improve the cutting efficiency.
- The automatically hydraulic device can be adjusted to achieve optimum production.
- Equipped with independent control panel, there are automatic and manual operational modes to choose, quite flexible and safe.
- Machine connects the transmission shaft and belt wheel through V-shape belt to make operating balance and dismantle convenient.
- Mount anti-vibration pads at the machine feet for reducing vibration during shredding.
- Have reverse alarm function for making the machine fail to start and flashing the alarm light when the power supply is mistakenly connected.
- Possess multiple protections, such as current relay and motor overload protection.



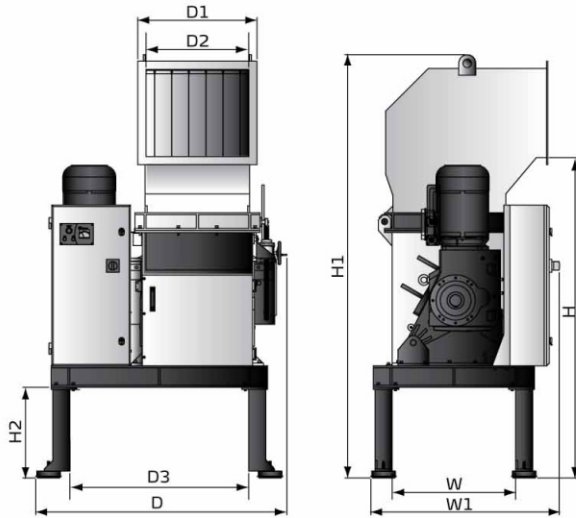
SGS-4860S

■ Application

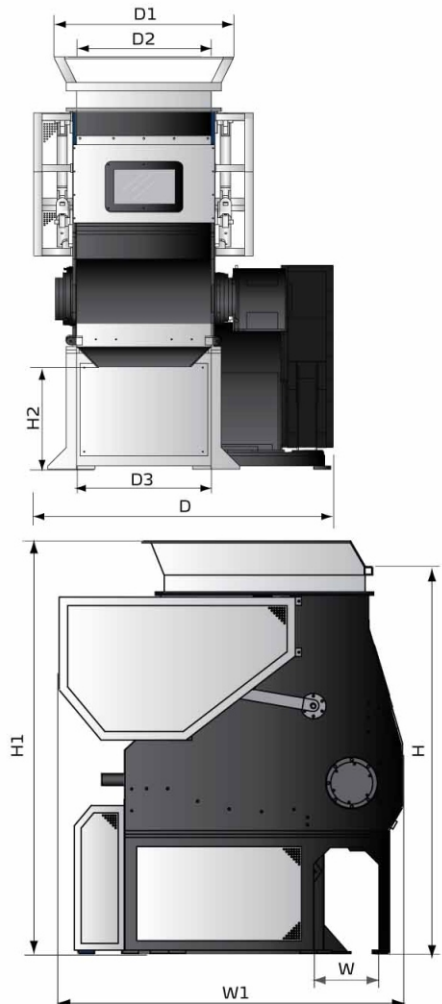


- 1.Sound-proof central granulator
- 2.Shredder
- 3.Belt conveyors with metal detector
- 4.Up-feed belt conveyor
- 5.Dust separator

Outline Drawings



SGS-4860S



SGS-6080S/SGS-75120S

Specifications

Model	SGS-4860S	SGS-6080S	SGS-75120S
Motor Power (kW, 50/60Hz)	15	37	55
Speed of Main Shaft (rpm, 50/60Hz)	65	73	73
Motor Power of Hydraulic System (kW)	-	3.7	3.7
Material of Cutters	SKD11	SKD11	SKD11
Number of Fixed Blades	2	4	6
Number of Rotating Blades	39	57	93
Cutting chamber size (mm)	480 × 600	600 × 800	750 × 1200
Max Throughput Capacity (kg/hr, 50/60Hz)	400	1000	1500
Noise Level dB(A)	110	110	110
Dia. of Screen Hole (φ30 mm)	√	√	√
Dia. of Screen Hole (φ20, φ25, φ35 mm)	○	○	○
Regrind Conveying Device	-	○	○
Dimensions			
H (mm)	1900	2300	2740
H1 (mm)	2500	2455	2895
H2 (mm)	530	610	770
W (mm)	720	390	440
W1 (mm)	1100	2040	2410
D (mm)	1450	1780	2265
D1 (mm)	600	1060	1460
D2 (mm)	700	800	1200
D3 (mm)	1045	800	1200
Weight (kg)	1620	3970	5500

Notes: 1) "√" standard, "○" Stands for options.

2) Max capacity of the machine is subject to diameter of screen mesh and composition of material. The above data is based on 5 mins continually shredding of PVC sprue, 300-500KG capacity generally ranges from 300-500kg for granulating piping tube.

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

4) SKD11 are JIS code number.

5) For avoiding plastic to adhibit the blade, all materials should be crushed at normal temperature.

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

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