



# Shredder



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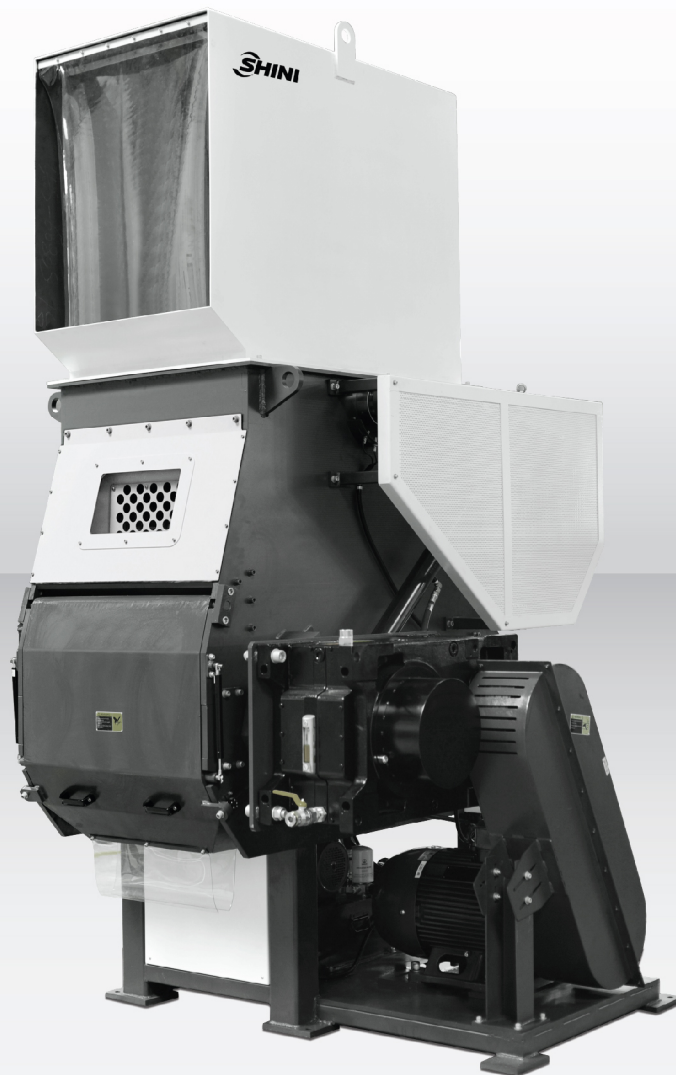
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SGS-6080S

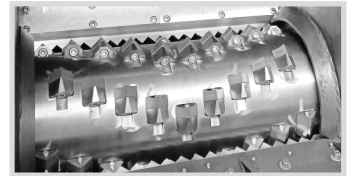
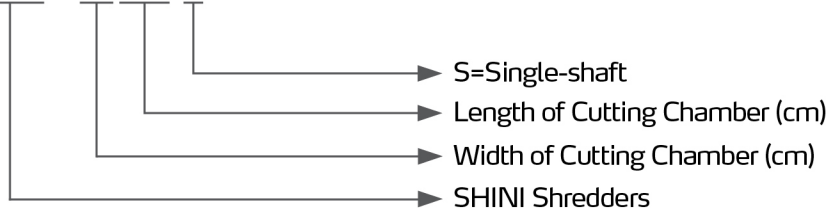


Refer carefully to this manual before operation.

# SGS Series

## ■ Coding Principle

SGS - xx xxx S



Cutters of Single-shaft Shredder

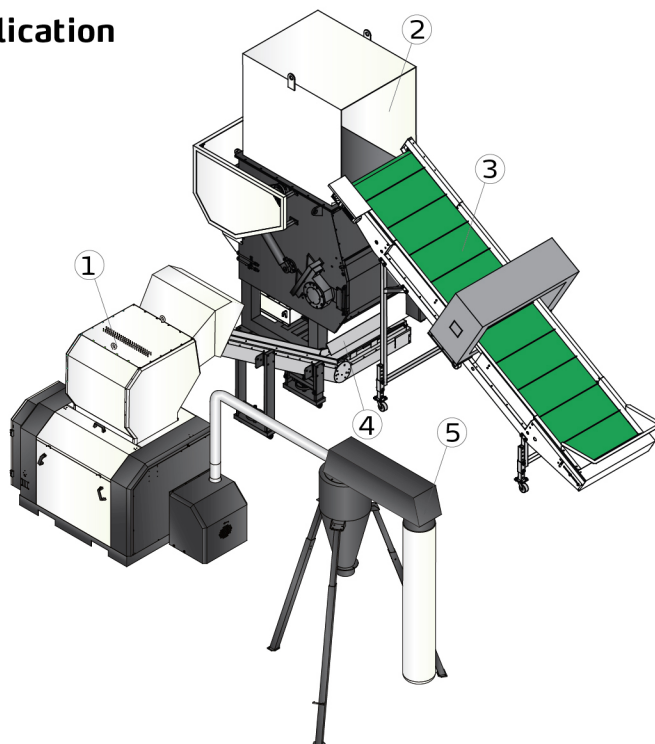
## ■ Features

- 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.(Except SG-4860S)
- 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.



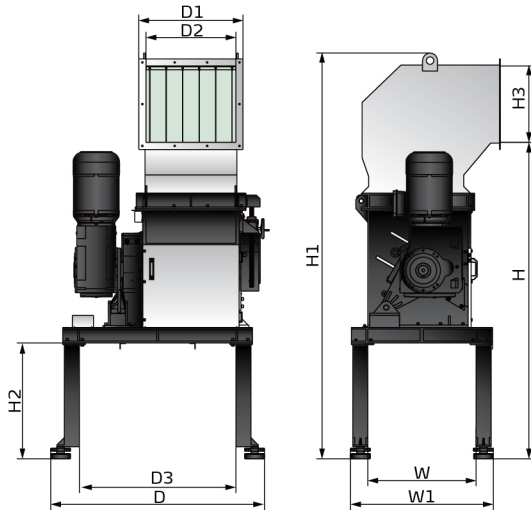
SGS-4860S

## ■ Application

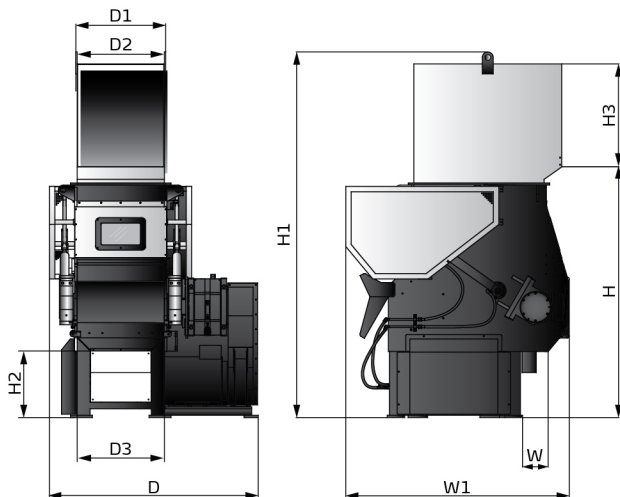


- 1.Sound-proof central granulator
- 2.Shredder
- 3.Belt conveyors with metal detector
- 4.Up-feed belt conveyor
- 5.Dust separator

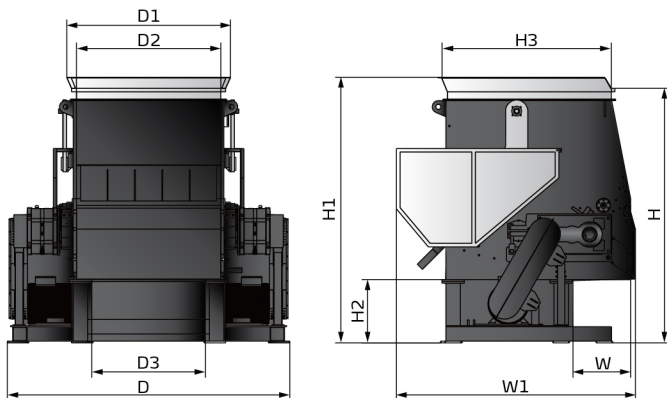
## Outline Drawings



SGS-4860S



SGS-6080S/SGS-75120S



SGS-150200S

## Specifications

Model	SGS-4860S	6080S	75120S	150200S
Motor Power (kW)	15	37	55	2 × 75
Speed of Main Shaft (rpm)	65	73	73	47
Motor Power of Hydraulic System (kW)	-	3.7	3.7	11
Material of Cutters	SKD11	SKD11	SKD11	SKD11
Number of Fixed Blades	2	4	6	5
Number of Rotating Blades	39	57	93	102
Cutting chamber size (cm)	48×60	60×80	75×120	150×200
Max Throughput Capacity (kg/hr)	400	1000	1500	2500
Noise Level dB(A)	110	110	110	110
Dia. of Screen Hole (mm)	φ30	φ30	φ30	φ60
Dia. of Screen Hole (φ20, φ25, φ35, φ50 mm)	○	○	○	○
Regrind Conveying Device	○	○	○	-
Feed box	√	○	○	-
H (mm)	2115	2300	2535	3530
H1 (mm)	2710	3350	3895	3756
H2 (mm)	744	610	745	880
H3 (mm)	510	940	1025	2340
W (mm)	720	235	290	800
W1 (mm)	1100	2050	2260	3310
D (mm)	1450	1914	2337	3916
D1 (mm)	700	824	1224	2265
D2 (mm)	600	790	1190	2000
D3 (mm)	1045	800	1200	1575
Weight(kg)	1620	3970	5500	17815

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.