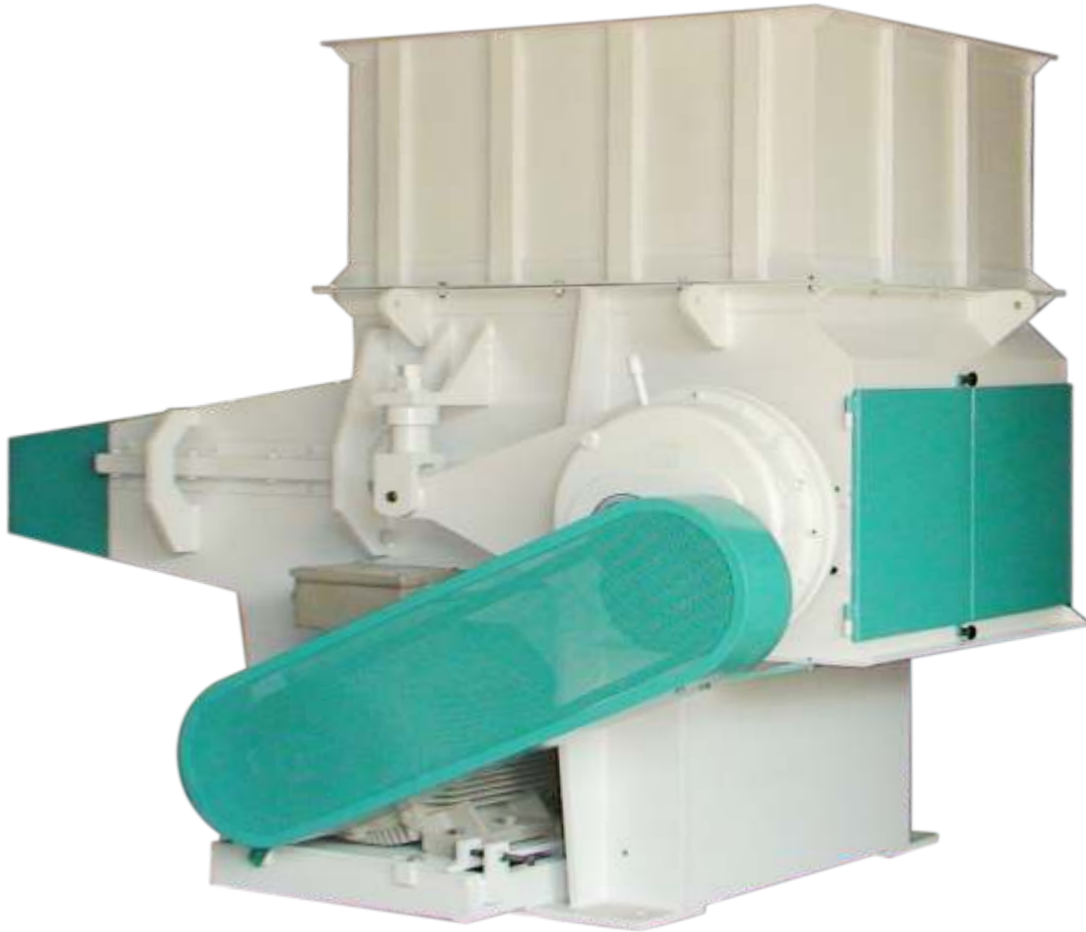


# Single Shaft Shredder

## S-Series



### Application:

**ShredCUT :** The unique ShredCUT technology is a combination of knife cutting angle, cutting speed and sequential cutting supported by FlexiPUSH. It provides a superior shredding solution for plastic materials. ShredCUT provides a sheer and smooth cut with low stress and therefore requires less motor power.

This results in : • Uniformly granulated chips • Low energy consumption • A long lasting, high performance solution

**FlexiPUSH :** The pneumatic FlexiPUSH-system is self-regulating , efficiently absorbing vibrations and mechanical stress that occur in tough applications. The special hopper design allows material to be transported automatically into the rotor. Total responsibility – one partner In a single process, the GranuShred and granulator convert even the

### Material Forms

- .....  
Bottles
- .....  
Barrel
- .....  
Crates
- .....  
Pipes
- .....  
Profiles
- .....  
Bumper
- .....  
Lumps
- .....  
Film

## PANCHAL PLASTIC MACHINERY PVT. LTD.

Plot # 127, G.I.D.C., Umbergaon - 396171,  
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# Single Shaft Shredder

## S-Series



This machine is developed for shredding of Plastic, Paper, Wood, Municipal Waste, Bio Waste, Electronic Waste, Biomass, WEEE etc.

Production from 100kg to 1500 kg/hr.

### Main Features :

Cuts the material with our ShredCUT technology, instead of shredding. Minimized mechanical stress thank's to slow cutting operation. Energy saving. ShredCUT and sequential cutting action require lower motor power. Screen less operation produces uniform "chips". Optional screen available for smaller particle sizes. Increased capacity achieved by double knife rows (Wide model). Rotor cooling available fo Granu-Shred Wide. Low noise level. Optional sound-proofed execution for critical environments. Easy output from standard high-built stand by band or screw conveyor. Mechanical stress absorbing pneumatic feeding system, our unique FlexiPUSH.

MODEL	PPM-600	PPM-800S	PPM-1000S	PPM-1200S	PPM-1500S	PPM-2000S
Main Motor (HP)	15 / 20	30 / 40	50 / 75	75 / 100	100 / 120	150 / 180
No. of Knives	14	28	42	52	64	82
Rotor Speed (rpm)	60 - 120					
Hydraulic Pusher	Yes					
Rotor Diameter (mm)	350	350	450	450	450	450
Cutter House (mm)	600 x 650	800 x 650	1000 x 650	1200 x 650	1500 x 750	2000 x 850
Production (Kg/Hr.)	200 - 450	500 - 900	800 - 1500	1200 - 2000	1500 - 3000	2000 - 4500

\* Specification are not binding and subject to change without notice.

## Why PANCHAL?

- High-tech from the world market leader
- Top-notch state-of-the-art recycling technology
- Superior end product quality
- Best customer service and care and therefore reliability for the user
- Tailor-made, individual solutions possible through large engineering capacity with more than 28 years experience in plastic recycling technology
- Superb reliability, flexibility and productivity
- Your best partner

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