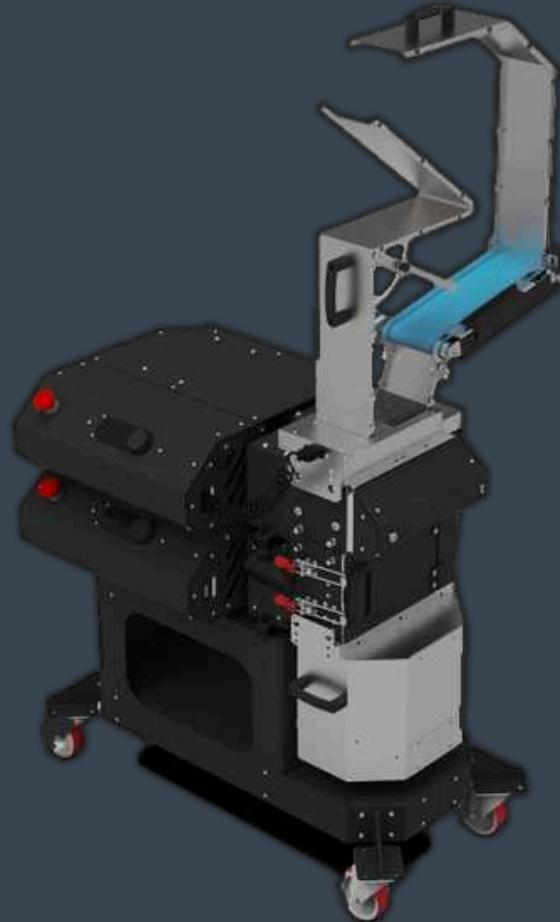




GP20 Plastic Shredder



Recycle plastic of any shape and size into granulate-size 3D printing material.

Key Features



High Precision

The GP20 Shredder efficiently and precisely shreds plastic into pieces smaller than 4mm.



Swappable Blades

Blades with different numbers of teeth for effective cutting of various sizes of plastic.



User Safety

The hopper's carefully engineered design ensures consistently safe operation at all times.



Intuitive Design

Smart features, such as the intelligent feeding system, are powered by the machine's software.

Compatible Materials

Plastic (all kinds), hard rubber, wood, and more.

More details



Specifications

Size

Dimensions	95 x 75 x 145 cm
Hopper Opening	120 x 114 mm
Weight	125 kg

Performance

Total shredding blades	14 blades (Combination of 2, 3 and 7 teeth blades are possible)
Default filter screen	3.5 mm

Intelligent Features

Smart control	Conveyor belt
Smart control	Blade reversal feature

Operation Parameters

Max mechanical power	1500Watt (2x 750Watt)
Operating sound	63.7 - 90.6 dB (depends on the brutality of the material)

Energy

Voltage	120 or 240 V
Consumption	AC 110-120V 50/60Hz 1500W AC 220-240V 50/60Hz 1200W
Power supply cable	2 x Standard IEC 13

Output materials

Size	Less than 3.5 mm
Output reservoir volume	15 kg

Advanced Details

Modular Design

Shredder unit

With a total of 14 blades, the shredder is engineered for precision and efficiency, making it an essential tool for recycling various thermoplastic materials.

Granulator unit

Featuring a 3-blade rotor and a 3.5mm filter screen, it ensures that the granulated material is of optimal size for filament production.

Two motors

Both the shredder and the integrated granulator are powered by 750 W motors, combined to a total of 1500 W.

Enhanced User Experience

Customizable components

You have the flexibility to mix and match 2, 3, and 7-teeth blades, as well as different sizes of filter screens, in order to fully customize your shredding process. The 2-teeth blades are ideal for larger objects, while the 7-teeth blades excel at shredding harder materials.

Enhanced safety

Following industry standards and safety protocols, the hopper design prevents any direct access to harmful components. Its optimized shape also minimizes the risk of clogging, ensuring a smooth flow of materials into the shredder.

Easy to clean

Thoroughness is key in the design to make sure you can remove every single particle. All the processing components are easily accessible and removable to clean out any debris and prevent any contamination to your regrinds.

Intelligent Settings

Smart feeding

The material input belt automatically matches the shredding speed.

Smart troubleshooting

The knives can automatically reverse and continue to assure continuous processing.

Smart control

The temperature control sensor measures the temperature to eliminate material melting.