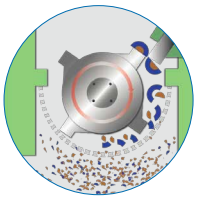
Granulator UG series

Flexible and multifunctional shredding

The newly designed UG Granulator series from ANDRITZ MeWa processes large-scale waste products, producing results sorted by type of material. The range of input materials is broad: An UG Granulator can process household and commercial waste, e-scrap, cables, plastics, rejects, aluminum, and used tires using a system that is dynamic in throughput and flexible in result. Depending on the selected screen size and whether a pre-shredding unit is used upstream of the granulator, the size of the output material is between 10 and 100 millimeters. The Granulator series contains four different sizes: The UG 600, UG 1000, UG 1600 and UG 2000 Granulators. The machine's processing equipment is determined by its main purpose so that the characteristics of the output material can be adapted optimally to the respective needs. High flexibility, better results, and also a high level of operational safety and reliability in the machine are essential elements of its huge success, sold a hundred times worldwide.

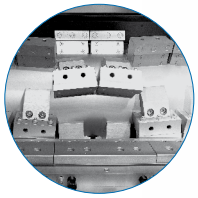
Granulator UG series

For individual grain sizes of 10-100 mm

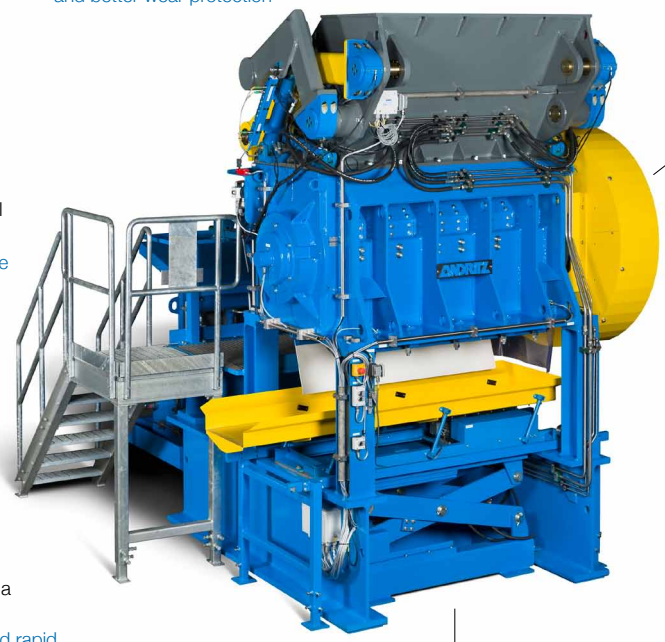


Guillotine principle
- ▶ Higher cutting performance and better wear protection

Feeder with pendular pusher
- ▶ Higher throughput and lower maintenance



Blades made of high-strength, hardened and tempered special steel
- ▶ Robust, low wear, quick and easy blade rotation on new cutting edge



Flywheel mass with safety clutch
- ▶ Energy-efficient drive, machine protection

New, improved design - manufactured by ANDRITZ
- ▶ State-of-the-art recycling solution

Specially hardened screens up to a screen size of 100 mm
- ▶ Flexible use, low wear, easy and rapid changing

More than 300 granulators in operation worldwide
- ▶ Decades of practical experience in various applications

Massive and solid construction
- ▶ High stability, shock-resistant

Model	UG 1600 S
Cutting width	1600 mm
Drive power	110 kW
Rotational speed	200 r.p.m.
Number of blades	48
Weight	20 t

Material	Throughput*
Aluminum profiles	up to 5 t/h
E-motors, transformers	up to 9 t/h
Cable scrap	up to 7 t/h
Used tires	up to 8 t/h
Plastics	up to 5 t/h

* The specified flow rates of the UG Granulator 1600 S depend on input, machine type, and screen size and are based on the recommended configuration.

ANDRITZ MeWa GmbH
Gechingen, Germany
Phone: +49 (7056) 925 0
info.mewa@andritz.com

www.andritz.com/mewa

10.14