



RECYCLING

ADURO G SHREDDER

FLEXIBLE AND RELIABLE FINE-SHREDDING

ANDRITZ

ENGINEERED SUCCESS

ADuro G shredder

The well-proven ANDRITZ ADuro G shredder is designed to achieve uniform results and convinces customers particularly with its versatile fields of application.

The ADuro G is capable of processing a variety of different materials and convinces customers in particular with its dynamic application and high-quality shredding results. The main purpose of the shredder is determined by the machine configuration, which can be adapted to optimum benefit for the respective needs. The success of the ADuro G is attributable not only to its flexibility and convincing results, but also to its high operating availability and reliability.

STATE-OF-THE-ART CUTTING TECHNOLOGY

The ADuro G operates according to the principle of guillotine shears. The input material is cut above rotating knife blocks on stationary knives. The granulating screen mounted underneath with variable hole sizes of 6 to 120 mm determines the output grain size as well as the respective throughput. The cutter blocks are placed in the mountings provided both at the rotor and at the stator. The gap between the cutter blocks is adjustable, which ensures optimum processing of thin and composite materials.



MAJOR ADVANTAGES OF THE ADuro G

- Uniform and high quality output fraction
- Processing of solid, non-hardened metals
- High performance reserve, also for shredding of challenging materials
- Adjustable and low-wear cutter blocks, rotatable in four different ways
- Solid structure to absorb impacts safely
- Precise setting of the cutting gap for very fine composite materials
- Robust and reliable rotor
- Advanced pusher design for higher throughput
- Energy-efficient machine drive
- Easy maintenance
- Exchangeable knife-holding system (RS model)



- 1 Pendulum pusher 2 Service flap 3 Rotor 4 High-torque drive train
5 Safety clutch 6 Level measurement

SIZES AND TECHNICAL SPECIFICATION

	Drive power kW	Cutting area length mm	Number of blades rotor/stator	Turning circle mm	Weight t
G-1000S, H, RS	90-160	1,000	25/5-30/5	480-785	15-19
G-1600S, R, H, RS	110-250	1,600	40/8-48/8	480-785	20-25
G-2000RS, E	315	2,000	60/10	785	26-29

Easy to run, operate and maintain

The ADuro G shredder comprises a compact and efficient design combined with some special features to meet individual customer requirements.

HYDRAULIC PENDULUM PUSHER

The special hydraulic pendulum pusher is one of the key components of the ADuro G that ensures optimum throughput and energy consumption in each application. The unique design of the pusher ideally distributes the material in the cutting area and avoids the material ejection that is commonly experienced with ordinary horizontal pushers. For flexible control of the pusher according to load, the machine monitors the input material filling level.

SPECIAL SCREENS

The ADuro G is equipped with special Hardox screens, which have an increased open screen surface and a short distance to the blades to reduce wear considerably. The screens, which can be changed easily, are available in variable hole sizes ranging from 6 to 120 mm and ensure effective granulation with a defined size.

HYDRAULIC MAINTENANCE OPENING

The hallmarks of the design of the ADuro G are safety and ease of maintenance, which are guaranteed by a hydraulic maintenance opening providing direct and quick access to the interior. Easy blade adjustment and replacement of blades or screens guarantee a very high level of flexibility and machine availability.

HMI CONTROL PANEL

The ADuro G is equipped with an innovative HMI touch panel that facilitates monitoring and control of the machine operating parameters.



Special screens up to a hole size of 120 mm (picture: RS model)

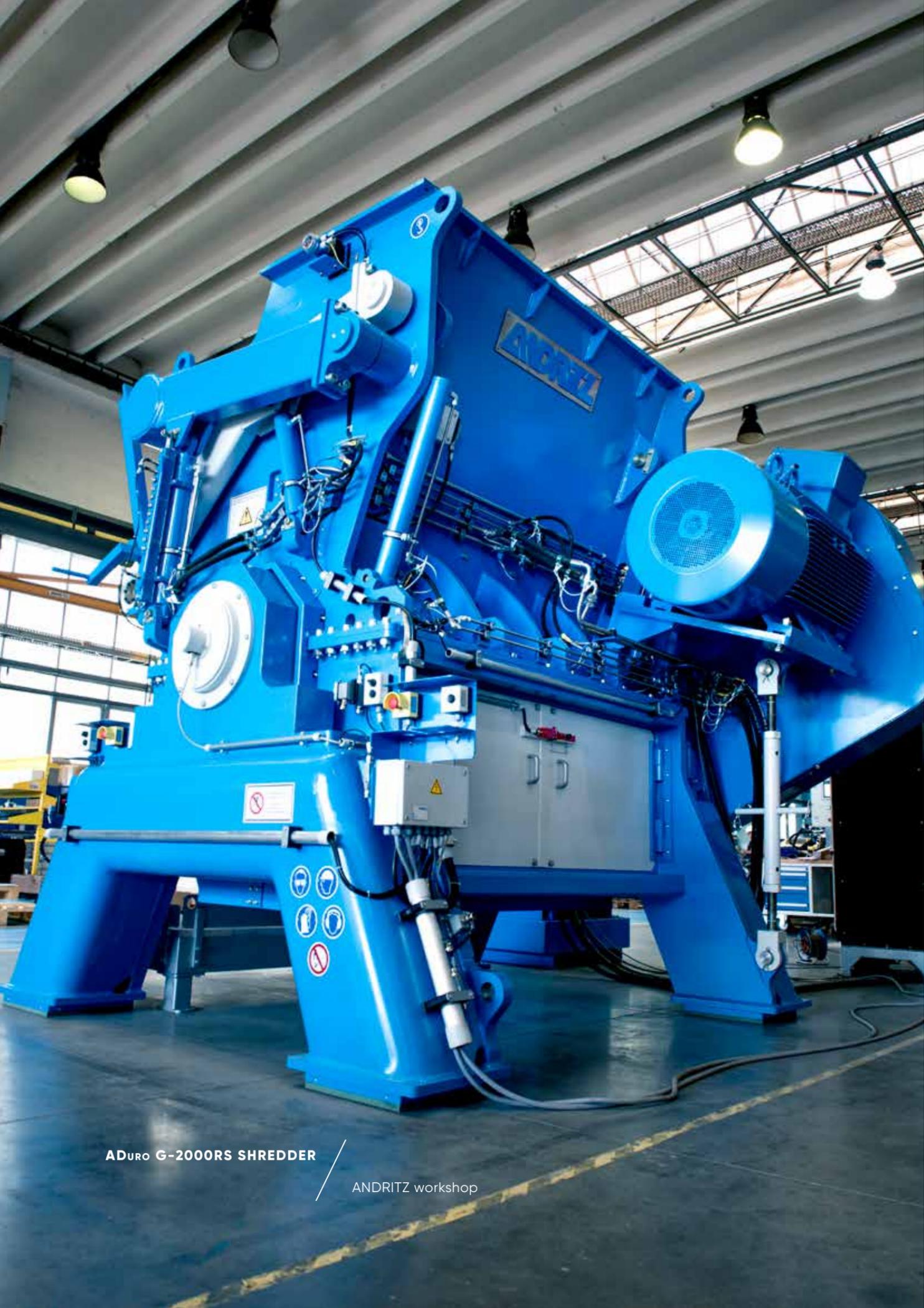


HMI control panel for easy machine operation and monitoring



ADURO G-2000RS SHREDDER

Infeed chute with innovative pendulum pusher



ADURO G-200RS SHREDDER

ANDRITZ workshop

Dynamic in throughput and flexible in result

The ADuro G can be used whenever efficient secondary shredding is required. Suitable for a wide variety of pre-shredded waste products, the ADuro G reliably breaks down the material into the desired granule size.

The range of input materials that can be processed with the ADuro G shredder is very broad: The machine deals systematically with domestic and commercial waste, electrical and electronic scrap, cables, plastics, rejects, aluminum, or used tires.

INPUT MATERIALS

- Domestic, industrial and bulky waste
- Tires and oil filters
- Electrical/electronic scrap
- Cable scrap
- Waste from the paper industry
- Metal composites
- RDF material (packaging, production residue, commercial waste)
- Textiles, carpets, PVC flooring

1 Input

2 Output



Transformers



Aluminum profiles



Pre-shredded used tires



Paper, plastic, textile waste



Copper



Aluminum



Tire granulate



Refuse-derived fuels





GLOBAL TECHNOLOGY – LOCAL SERVICE

ANDRITZ Recycling is more than an equipment supplier. We develop recycling solutions that pay off for our customers. Our knowledge and expertise are available to help customers truly optimize their operations. As a part of the international ANDRITZ GROUP, we are backed by the strength of an extensive global network of service specialists, machining centers, rebuild shops, and service locations. From the supply of spare parts, routine work during a scheduled shutdown, to quick response during a disruption, we are available to keep operations running smoothly.

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