



UNIVERSAL ROTARY SHEAR  
UNI-CUT® Series UC

**ANDRITZ**

# The proven UC rotary shear.

- ▶ Where volume has to be compacted or waste must be prepared for incineration or waste material for the following processing must be reduced, the UNI-CUT® Series UC creates the basis for a successful recycling process.
- ▶ The UNI-CUT® system has an automatic disturbing parts sensor. This increases the operating safety of the pre-shredding machine. The machine stops automatically when massive metal pieces pass and indicates the situation on the display of the control cabinet.
- ▶ The rotor shafts are built in a polygon configuration minimise wear, while the special blade shape and cutting geometry ensure high cutting performance, large throughput volumes and homogeneity of the cut material.
- ▶ Whether bulky feed material, tyres or even metal - the UNI-CUT® UC rotary shear shows bite. It is irresistibly powerful and unbelievably tough, has proved itself thousands of times over and has achieved up to 70,000 operating hours in single or multi-shift operation.



# Proven a thousand times over in initial size-reduction.

## Application

The initial size-reduction of bulky, large-volume feed material, e.g.

- ▶ domestic, commercial and bulky refuse
- ▶ tyres from cars, trucks and construction machinery
- ▶ steel and plastic drums
- ▶ Dual-System material, foils, paper
- ▶ reject materials, textiles, carpets and floor coverings, light shredder fractions
- ▶ car filters, oil filters
- ▶ cables and aluminium...

## Function

Robust, high-power cutting mechanism with blade shafts which turn towards each other. The material for size-reduction is automatically drawn in by means of draw-in lugs, if necessary fitted with a hydraulic pushing system, for problem-free processing of bulky materials at high throughputs. The machine can be fitted with a number of blade configurations for different materials.

## System advantages

Slow-turning, low-noise cutting system. Economical and energy-saving thanks to low connected load. Electronically controlled reversing with automatic backward motion to avoid blockages. Precisely worked cutting blades for exact guidance of the cutting action and an above-average service life.



Infinitely versatile - also suitable for bulky material.

Rigid plastics



Steel drums



Carpets



Cables



Car/truck/construction machinery tyres



Aluminium

Other materials not listed here can also be size-reduced.



ANDRITZ MeWa GmbH  
Gültlinger Straße 3  
D- 75391 Gechingen

Fon: +49 (0)7056 925-0  
Fax: +49 (0)7056 925-169  
info.mewa@andritz.com

[www.andritz.com/mewa](http://www.andritz.com/mewa)

## COMPANY

ANDRITZ MeWa has been playing a leading role in the recycling industry for more than 30 years.

Our core business is on developing and building recycling machines and engineering turn-key plant solutions.

Our machinery is processing electric- and electronic scrap, fridges, tyres, domestic and industrial waste and oil filters. Being an international market leader, ANDRITZ MeWa's innovative technology is patent-protected.

At the headquarters in Gechingen and in the office in Freiberg/Sachsen more than 100 employees are working for ANDRITZ MeWa.