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# Customer Success Story

CUSTOMER  
**Ragg GmbH**

MATERIAL  
**Waste wood,  
rubber waste**

SHREDDER  
**XR3000C mobil-e**

THROUGHPUT  
**Waste wood:  
25 to 35 t/h**



“In addition to the high throughput rates, we believe that energy efficiency, easy accessibility for maintenance and minimal downtimes were clear points in favour of the XR3000C mobil-e. The machine is the second shredding solution that we have implemented with UNTHA, as we are using an RS50 four-shaft shredder at a different site. We are extremely happy both with the products and services offered by UNTHA. Based on our many years' experience with UNTHA, I am more than happy to recommend the 'UNTHA package' to others!”

- Clemens Gritsch, Head of Operations, Ragg GmbH





## The customer

Ragg GmbH specialises in material recycling and operates four sites throughout Tyrol. The company was founded as a small scrap dealership in Fulpmes in the Stubaital valley in 1947 and moved to Hall in Tirol in 1974. Today, it employs a staff of 110 at four different locations.

## The challenge

Ragg has been operating a full timber processing plant in Hall since the mid-2000s. Several of its components were starting to show their age a bit. For this reason, the company decided in 2019 to exchange the post-shredding unit of the existing plant, which used a mobile pre-shredder that could also be used off-site. During those periods, the plant would stand still. The requirements for the new machine could be summarised thus: it had to integrate into the existing plant, offer the option of direct loading, and be fully mobile.

In addition, it should be a high-quality, Austrian product – this was an important factor for a traditional Tyrolean company like Ragg.

## Shredding solution

Ragg opted for an UNTHA XR30000C mobil-e because of its high throughput rates, flexibility, mobility, energy efficiency and maintenance-friendliness. The shredding unit is used at the wood-processing site in Hall, where waste wood is shredded into different output fractions, such as alternative fuels used for biomass production, but also into material for chipboard production. Depending on the fraction, the machine throughput is 25 to 35 tonnes per hour. The XR's flexibility has already been put to the test at the new Ragg site in Innsbruck, where different materials such as rubber are shredded. Another clear advantage lies in the unit's crawler-type undercarriage, which makes it easy to integrate into the Innsbruck plant.

## The purchasing decision

Ragg GmbH opted for an UNTHA XR3000C mobil-e due to the machine's innovative technology. When it comes to eco-friendliness and energy efficiency, the UNTHA Eco Power Drive - the cost-efficient, electric drive unit of this mobile shredder - offers a clear competitive advantage over diesel-operated mobile shredders that consume considerably more energy and are much noisier. The fact that the new machine is slow-running was an important factor in Ragg's decision, as the old unit had been fast-running. The shredding of the input material has thus improved significantly.

