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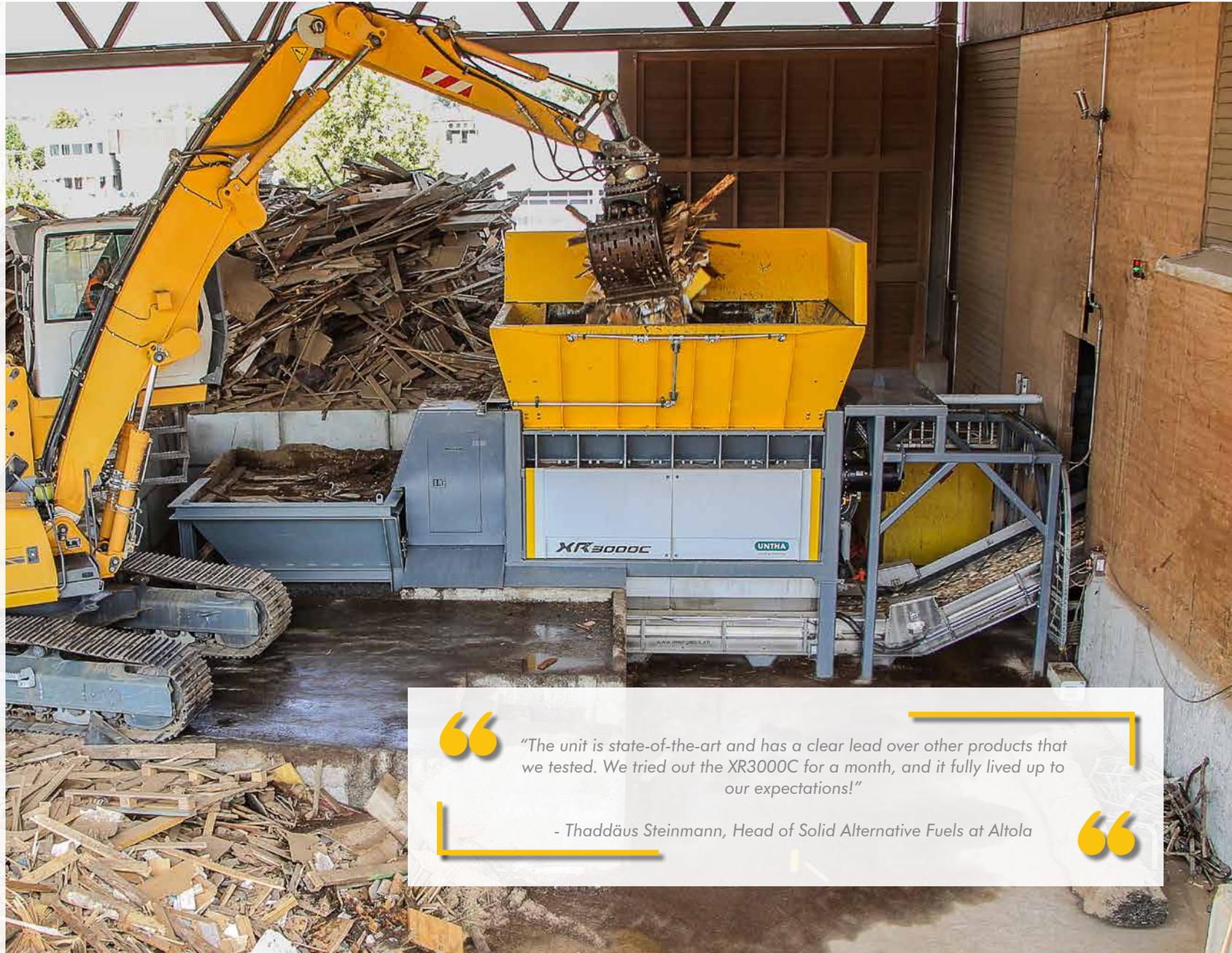
# Customer Success Story

CUSTOMER  
**Altola AG**

MATERIAL  
**Waste wood A1 - A3**

SHREDDER  
**XR3000C**

THROUGHPUT RATES  
**25 t/h < 80 mm**



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“The unit is state-of-the-art and has a clear lead over other products that we tested. We tried out the XR3000C for a month, and it fully lived up to our expectations!”

- Thaddäus Steinmann, Head of Solid Alternative Fuels at Altola

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## The customer

Altola AG was founded in 1969 and is part of the Swiss Vigier Group, which in turn belongs to the French Vicat corporation. Altola is one of the leading service providers when it comes to the collection, recycling, processing and disposal of waste.

## The challenge

At their Zuchwill site, Altola processes approximately 32,000 tonnes of class 1 and 2 residual wood into alternative fuels. After many years of using a crusher, the company now needed an innovative, energy-efficient cutting system. Altola's requisites reflected the high expectations of Vigier Ciment, the principal buyer, and were clearly defined from the outset. The new shredding solution would have to deliver a homogeneous grain spectrum without any large outliers, from a range of residual wood from A1 to A3. A system

based on cutting technology was the first prerequisite, but factors such as wear and energy consumption were also essential for Altola.

## Shredding solution

The XR3000C that was customised for Altola was fitted with the UNTHA ECO Power Drive and a synchronous, water-cooled rated capacity of 2 x 132 kW. Special wood-cutting blades were fitted to the cutting system of the XR3000C, ensuring an aggressive feed-in and a high throughput of residual wood. The perforated screen is set to a grain size of 90 mm and comes with chip breakers to reduce oversize grain. The drive is also resistant towards non-shreddables and keeps maintenance costs low. Maintenance is simplified further by a safe rotor speed that facilitates the speedy exchange of cutters. Non-shreddables in the cutting chamber may be removed easily via the discharge system for extraneous matter. Overall, the UNTHA XR3000C offers

a high level of robustness and wear resistance, easy maintenance and low energy consumption.

## The purchasing decision

Altola decided in favour of UNTHA due to the technological superiority of the unit and the option of a tailor-made trial during the pre-contract stage. Having tested several shredders, Altola finally opted for the UNTHA XR3000C as the superior solution. In total, the decision-making process – from the pre-selection of suppliers to the completion of the sale – lasted several months.

