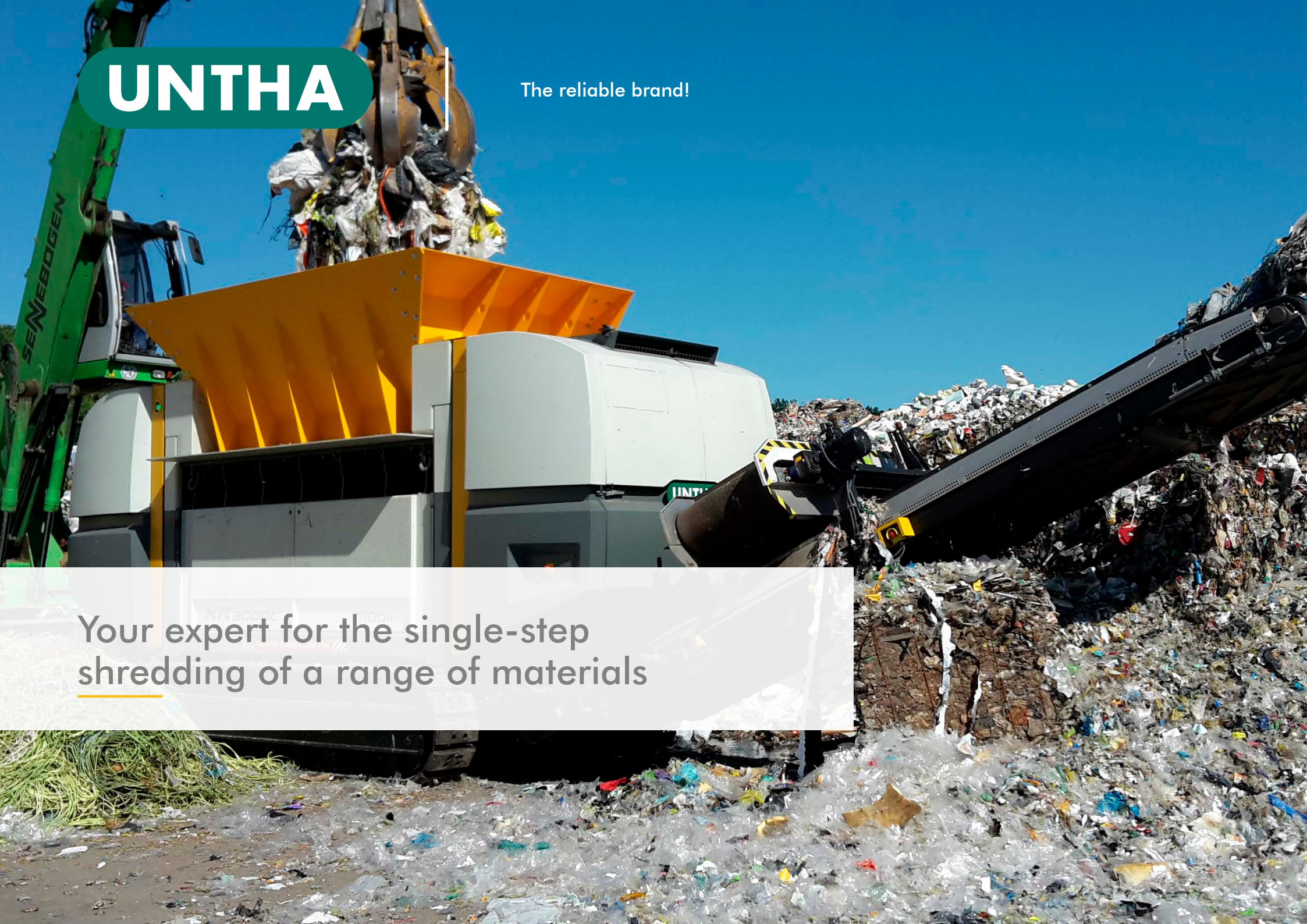




UNTHA

The reliable brand!

Your expert for the single-step
shredding of a range of materials

Why UNTHA?

Because we have the experience and the skills. UNTHA shredding technology, based in Kuchl near Salzburg, Austria, stands for 50 years of reliability when it comes to shredding technology. Ever since the company was founded in 1970, we have been developing customised shredding systems you can rely on in a wide range of applications, from material recycling to the processing of residual wood, and the reprocessing of waste to produce alternative fuels. With a global sales network in more than 40 countries on all continents, we are among the most important manufacturers in a growing, future-orientated industry. With the XR class, UNTHA is setting new standards and has established itself as a pioneer in the single-step shredding of waste.

Our competent solutions for the shredding of a range of materials

With your range of waste materials, you have precious resources at your disposal. Whether it is waste wood, bulky or commercial waste, plastics waste or other material flows, the XR mobil-e is an energy-efficient shredding solution for single-phase shredding, providing you with the highest level of flexibility when it comes to input material, fraction size and mobility. An economically perfect solution in particular for small and medium-sized waste disposal firms!

The goal of processing different materials in an efficient manner is to utilise them for further processing. Highly different waste materials in particular require individual solutions. Our reliable shredding units are configured for your specific application, thereby guaranteeing a maximum of variability and individuality.





Your benefits at a glance

- » maximum flexibility with regard to input material, fraction size and mobility
- » single-step processing of different materials with high throughputs
- » perfect material breakdown
- » straightforward discharge system for extraneous matter to remove non-shreddables
- » homogeneous, defined fraction size
- » slow-running cutting system
- » low noise and dust emission (noise level < 80 dBA)
- » highly user- and maintenance-friendly
- » reduction in energy costs of up to 75% thanks to UNTHA Eco Power Drive
- » available as a stationary and mobile version
- » personal condition monitoring tool UNTHA GENIUS for maximum productivity

What **materials** can we process?

No matter what kind of waste is processed by your business, we have the right solution to help you with the efficient shredding of a wide range of materials.

Waste
wood

Domestic
waste

Industrial and
commercial
waste

Bulky waste

Production
waste

Tyres



The **XR series** helps you make the most of your material

The XR class is particularly suitable for the single-step shredding of a range of materials. Minimum operating costs combined with maximum performance make the shredders of the XR series powerful partners for shredding different materials. The single-phase shredding process make these units particularly efficient and economical to operate.

Especially for small- and medium-size waste disposal firms, this is a single-step,

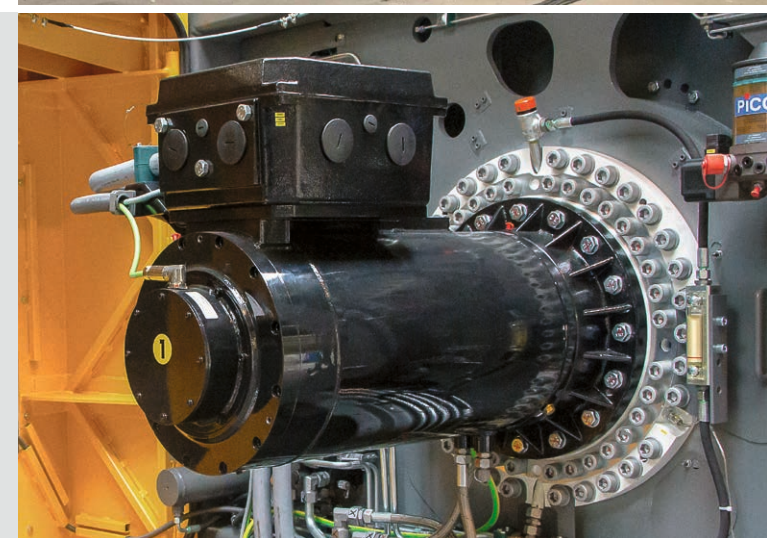
flexible and universal shredding solution that is ideally suited to the processing of a wide range of different material flows. The mobile version XR mobil-e may be used at different locations, wherever it is needed. The high flexibility of this machine means that you are ideally positioned to meet future market developments, whether we are talking about extending business segments or accepting new material flows.

For more information on structure and functionalities, see here:



Reduction in energy costs of up to 75%

A special benefit of the XR series: The energy-efficient UNTHA Eco Drive with its water-cooled synchronous motor reduces energy costs by up to 75%, at higher performance levels compared to standard diesel-hydraulic drive options. The mobile version of the XR unit ensures maximum flexibility throughout your operation. The wear-free direct drive reduces maintenance costs as belts or shaft stubs are not required. The load-dependent speed control ensures a high throughput rate. Unlike fast-running units, the slow-running XR series also stands out for its low noise and dust emissions during operation. **A thoroughly convincing UNTHA package for processing a range of materials!**





Put us to the test!

No challenge is too big for our XR shredders.

See for yourself, during a live demonstration at your premises. Book a date now at www.untha.com/demo!



Success Story

KORN RECYCLING GMBH

Korn Recycling operates one of the world's most advanced commercial waste sorting and alternative fuel processing plants in Albstadt/Baden-Württemberg, Germany. The core competence of Korn Recycling is the recycling of waste from industrial, commercial and trading companies as well as municipal bulk waste. The focus lies very much on innovative approaches towards the recycling and utilisation of waste. Since 2002, the company has been producing high-quality alternative fuels for energy production in power plants. Alexander Korn is the second generation to head this 40-year-old, medium-sized family

enterprise and employs more than 180 people at five different locations across three districts. With the logistics services offered by Korn Rekotrans, headed by Markus Korn, the company has a second string to its bow.

Korn Recycling invested in a XR3000C mobil-e. The shredder is mostly used for residual wood of varying classifications. At the Albstadt site, classes A1 to A3 are shredded to fraction sizes of 50 to 100 mm. The XR3000C mobil-e can deal with 15 to 25 tonnes per hour, with the output going partly into thermal, partly into material recovery. As the machine is highly flexible, it

is also used for shredding tyres, with a throughput of around 6 tonnes per hour. The shredded material is then used as an energy source by a cement plant in the region. The XR3000C mobil-e also processes commercial waste or material flows, for a pre-defined final product that is supplied to regional power stations.

„We get a lot of visits from colleagues and partners who talk to us about shredding solutions, sorting technology, machines and plants, and I always recommend our UNTHA product. And praise from the mouth of a Swabian is high praise indeed!“

- Alexander Korn, Managing Director

For more information
see here:





Success Story Struber Entsorgung GmbH

Struber Entsorgung GmbH is a small, privately owned waste disposal business located in Kuchl. The company specialises in the disposal and recycling of different materials such as industrial and commercial waste, waste wood and plastics.

Struber Entsorgung uses the XR3000C mobil-e especially for the single-step processing of a range of waste wood with an output size of less than 100 mm, and the processing of industrial and commercial waste with an output size of less than 80

mm. The machine comes with a quick-change screen system, which means that it may be adapted to the desired fraction size in a straightforward process. Thanks to its crawler track, the shredder is easy to move around on the premises and can be connected to a power supply wherever it is placed.

„The XR mobil-e gives us the flexibility that a small waste management company needs: a machine for processing several kinds of material at different locations on the

company premises. In contrast to conventional diesel-driven shredders – which emit not only a lot of noise but also a disproportionately high level of pollutants in relation to their performance – shredding operations using the XR mobil-e run completely on electricity. Because the electricity used is generated from 100 % renewable sources, our shredding operations are almost carbon neutral. This is another important step we took towards reducing carbon dioxide emissions!”

Johann Struber, Managing Director

For more information
see here:



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5 reasons to choose UNTHA



Customised, long-lasting shredding solutions



Premium products developed and manufactured in Austria



All-encompassing expertise, from development to production, under one roof



Reliable customer service with the best technical know-how



More than 10,000 satisfied reference customers worldwide

We deliver what we promise

Since our founding in 1970, we've followed our promise of being "the reliable brand", which applies to every product and service that UNTHA delivers.

We work hard to consistently outperform our competitors, and provide customers with the confidence that – in choosing UNTHA – they have made the best decision for their business.

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