

The UNTHA logo is a white, bold, sans-serif font inside a dark green rounded rectangle. The background of the entire image is a black and white photograph of an industrial metal shredding facility. A large yellow hopper is positioned at the top, with a mechanical claw dropping metal scrap into it. Below the hopper is the shredding machine, which has a grey body and yellow accents. A conveyor belt on the right side is carrying away the shredded metal pieces. In the background, there are several large metal containers and stacks of materials.

UNTHA

The reliable brand!

Your expert for the single-
step shredding of metal

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 and waste 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 shredding metal

With scrap metal, you have precious resources at your disposal. Efficient shredding is a prerequisite for targeted, profitable metal recycling. Whether your scrap metal comes from the metal-processing industry, the automotive industry, the electrical industry or the waste industry - we put our competent solutions at your service to process your scrap metal in the most efficient way possible.

Recycling precious materials is the ultimate goal of scrap metal processing. Thanks to their unique characteristics, metals may be recycled indefinitely. Our reliable shredding units are configured for your specific application, thereby guaranteeing maximum variability and individuality.





Your benefits at a glance

- » single-step processing of a range of metals
- » perfect preparation for further processing thanks to defined fraction size
- » excellent material breakdown for a high degree of purity
- » reduced transport costs thanks to increased bulk density of the material
- » high level of plant availability as the cutting chamber is easy to clean before a new input material is introduced
- » reduction in energy costs of up to 75% thanks to UNTHA Eco Power Drive
- » available as a stationary and mobile version
- » personal conditioning monitoring tool UNTHA GENIUS for maximum productivity

What **materials** can we process?

No matter what kind of metal is processed by your business, we have the right solution to help you with the efficient shredding of non-ferrous and light metals, as well as harder metals up to a certain wall thickness. The following section contains a selection of metals that are suitable for shredding with our XR shredder.

Scrap
aluminium

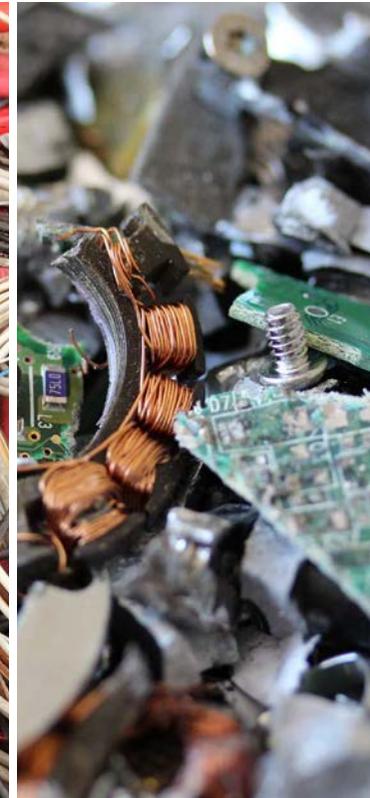
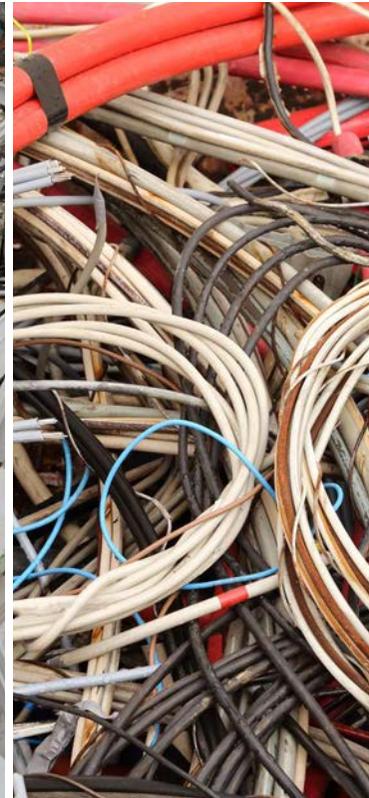
Sheet
metals

Aluminium/
PVC window
profiles

Cables

Electronic
waste

Mechanical-
biological
waste



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

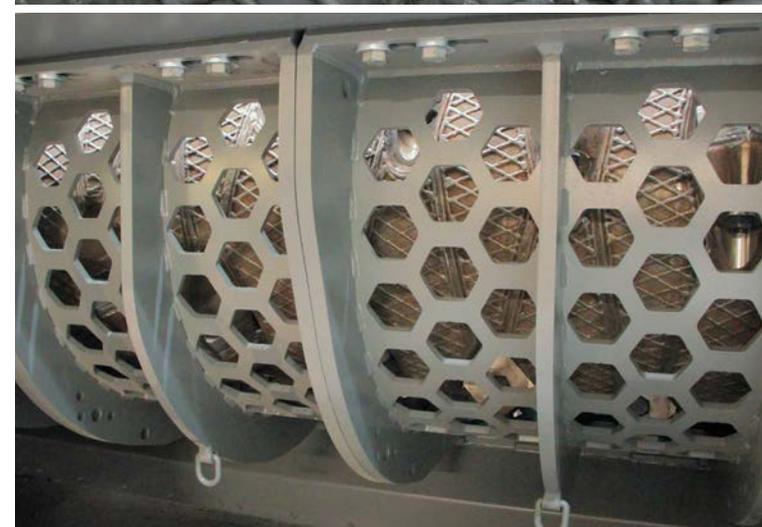
The XR class is particularly suitable for the single-step shredding of a range of metals and scrap metals. Minimum operating costs combined with maximum performance make the shredders of the XR series powerful partners for recycling applications. The single-phase shredding process makes this unit particularly efficient and economical to operate.

Different perforated screens ensure the production of pre-defined fractions and thus also high throughputs. In addition, the quick-change screen system makes it easy to exchange the perforated screen

when a new input material is introduced and increases plant availability. The slow-running rotor gently shreds the input material and ensures that temperatures in the cutting chamber don't get too high. An additional wear protection mechanism increases rotor availability and lowers maintenance costs.

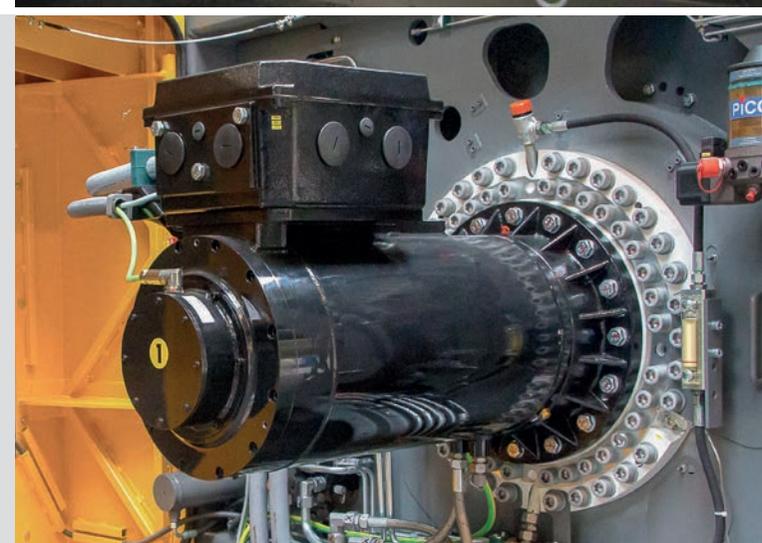
The XR shredder is particularly user-friendly. The hydraulic exit door for non-shreddables makes the cutting chamber easy to clean before each batch, keeping contamination to a minimum.

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 the processing of metals!**





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 Schaufler GmbH

Schaufler GmbH in Ybbs an der Donau/ Lower Austria is a recycling company employing 120 people. In addition to its headquarters in Ybbs, the family business - that has been around since 1948 - also operates sites at St Barbara in Styria and Strebersdorf near Vienna. The company's areas of activity not only include recycling, but also waste management and fitting and removal, as well as a specialist iron store at the Ybbs site. Schaufler's core competence is material recycling, in particular of scrap iron and non-ferrous metals such as copper, aluminium, zinc and stainless steel.

The UNTHA XR3000C offers a high throughput and is also extremely maintenance- and user-friendly. With a throughput of 20 tonnes per hour for copper cables, 8 tonnes for aluminium and 10 tonnes for composites, UNTHA's XR3000C has more than proven its enormous capacity at Schaufler GmbH. The scope of delivery also included a vibro-trough that transports the shredded material to the conveyor belt.

„We were really impressed with the XR3000C, in particular with the high throughput, great energy efficiency and low wear rate. All these factors made us decide to put our trust in this product on our path towards even more comprehensive recycling services. We highly recommend the unit and UNTHA!“

Paul Losbichler, Managing Director

For more information
see here



UNTHA shredding technology GmbH

Kellau 141
5431 Kuchl | Österreich
Tel.: +43 6244 7016 0
Fax: +43 6244 7016 1
info@untha.com
www.untha.com

UNTHA Deutschland GmbH

Am Hammersteig 5a
97753 Karlstadt | Deutschland
Tel.: +49 9353 906869-0
Fax: +49 9353 906869-35
info@untha.de
www.untha.de

UNTHA UK Ltd.

Excel House, Becklands Close
Boroughbridge
YO51 9NR | United Kingdom
Tel.: +44 845 4505 388
sales@untha.co.uk
www.untha.co.uk

UNTHA America, Inc.

1 Lafayette Road, Building 4
Hampton, NH 03842 | USA
Tel.: +1 603 601 2304
Fax: +1 603 601 7573
info@untha-america.com
www.untha-america.com

UNTHA Polska Sp. z o.o.

Olecka 23/221
04-980 Warszawa | Polska
Tel.: +48 12 6421896
Fax.: +48 12 6421896
info@untha.pl
www.untha.pl

UNTHA Ibérica S.A.

Polígono de Sigüeiro - Parcela 58, Sigüeiro - Oroso / A
Coruña | España
Tel.: +34 981 69 10 54
Fax: +34 981 69 08 78
info@untha-iberica.com
www.untha.es

5 reasons to choose UNTHA



Customised, long-lasting shredding solutions



Premium quality products and services



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.

All revisions reserved. Subject to setting and printing errors.
All illustrations are representative and may deviate from the actual product.
© 12/20 UNTHA shredding technology