



PLASTIC SHREDDING
Reference brochure



Shredding solutions for plastic recycling

UNTHA offers a wide range of shredding solutions for the efficient processing of all types of plastics. 1- and 4-shaft shredders are particularly well suited for recycling. They can be used as stand-alone machines, integrated system solutions or as complete plants and are individually customised to meet the specific requirements of each customer.

Depending on the material and recycling process, we equip the shredders with different cutting systems, perforated screens and drive power ratings. This ensures that recyclable materials are processed reliably and efficiently.

The application range of our shredders extends from the processing of post-consumer waste to the shredding of particularly challenging materials. More than 10,000 customers worldwide in the plastics and recycling industry already trust UNTHA's solution expertise. In this brochure, we showcase completed projects from various sectors.

In addition to reliable machines, we offer our customers comprehensive advice and support, from planning to installation and commissioning. And even after that, our services ensure smooth operations.

Fields of application:

- » Hard plastics
- » Plastic lumps and pipes
- » Films
- » Post-consumer plastic waste
- » Plastic containers and tubes
- » Car interior trim
- » Plastic-metal composites
- » PP and PE bales
- » GRP moulded parts
- » Foam materials
- » Plastic trays and pallets
- » XPS and PUR insulation boards
- » and much more.



More information on
plastic shredding

Selection of completed projects

SHREDDER

XR3000C mobil-e

MATERIAL

Plastic-metal
composites

SCREEN

Ø 50 mm

LOCATION

Austria



SHREDDER

RS100 x 2

MATERIAL

PP and PE bales

SCREEN

Without perforated screen

LOCATION

Germany





SHREDDER

RS40

MATERIAL

Medical waste

SCREEN

Without perforated screen

LOCATION

Germany



SHREDDER

LRK1000

MATERIAL

Plastic lumps and pipes

SCREEN

Ø 40 mm

LOCATION

Romania





UNTHA
shredding technology

SHREDDER

RS50

MATERIAL

Plastic boxes

SCREEN

Without perforated screen

LOCATION

Austria



SHREDDER

XR3000RC

MATERIAL

Agricultural films,
rigid plastics

SCREEN

Ø 90 mm

LOCATION

Germany

SHREDDER

LRK1000

MATERIAL

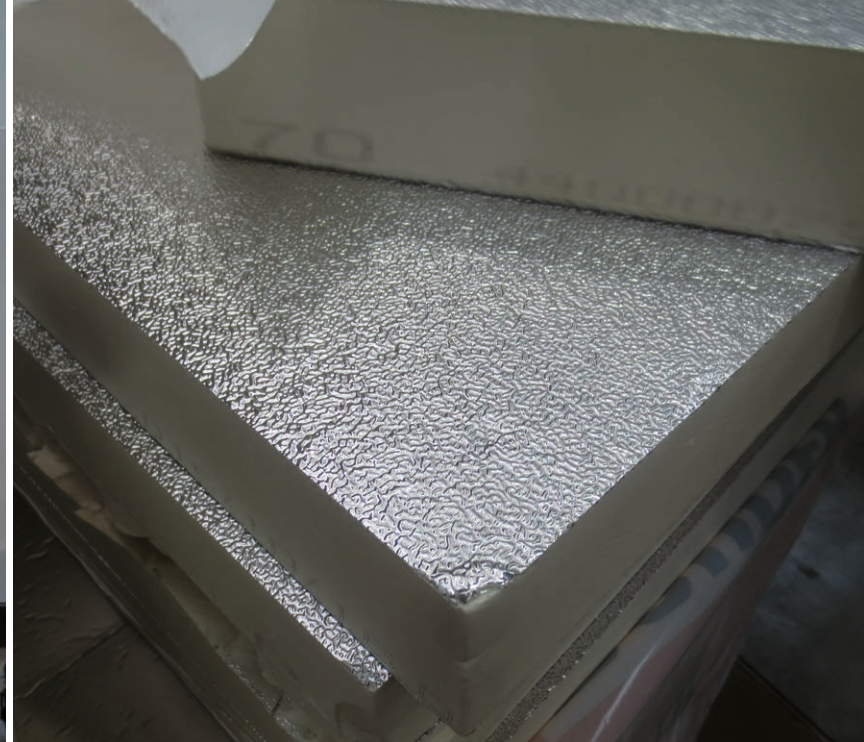
PUR insulation boards

SCREEN

Ø 30 mm

LOCATION

Germany



SHREDDER

RS40

MATERIAL

Car interior trim

SCREEN

Ø 25 mm

LOCATION

Germany



SHREDDER

XR3000C

MATERIAL

Hard plastic compounds

SCREEN

50 mm

LOCATION

Austria





SHREDDER

RS60 x 2

MATERIAL

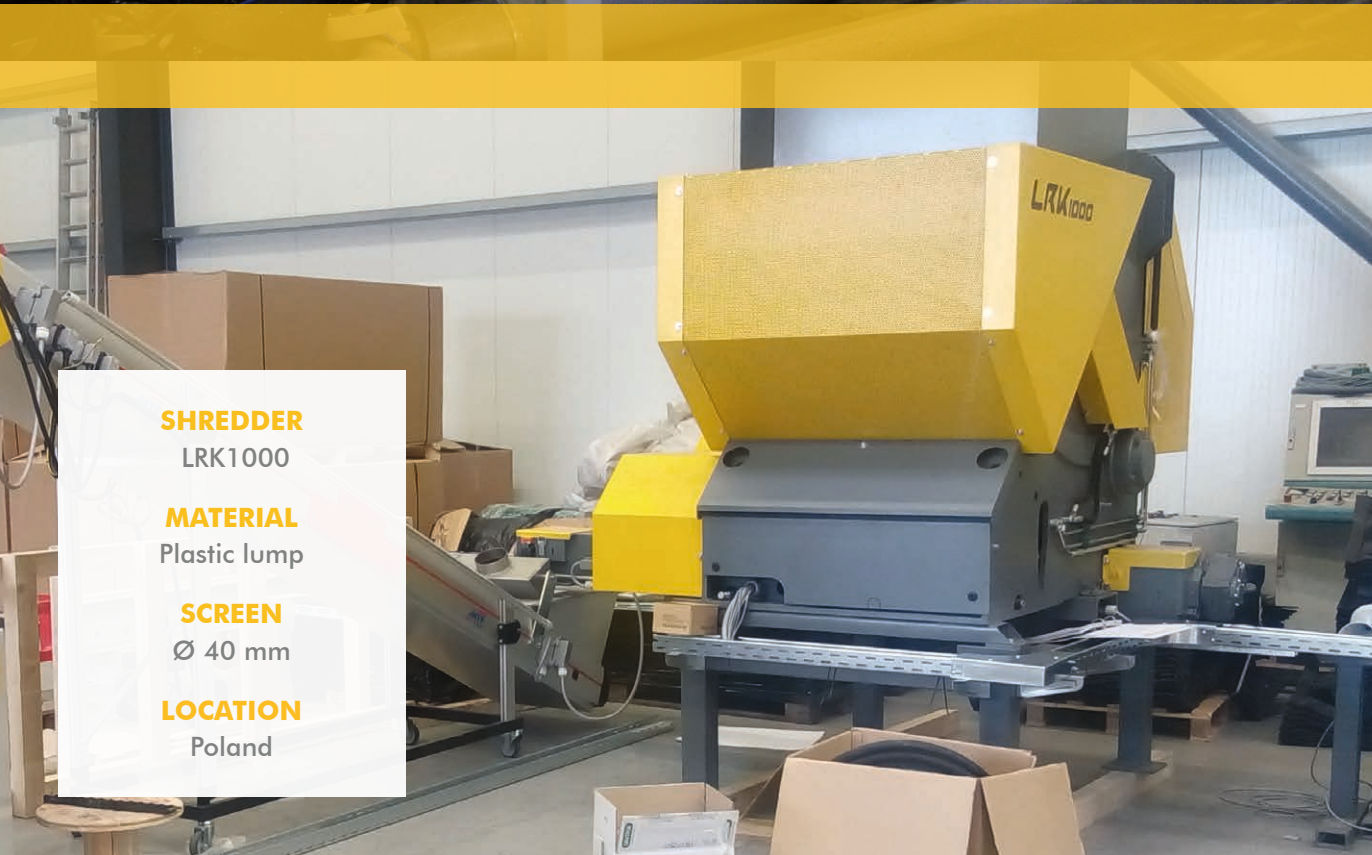
Foam materials

SCREEN

Ø 40 mm

LOCATION

Netherlands



SHREDDER

LRK1000

MATERIAL

Plastic lump

SCREEN

Ø 40 mm

LOCATION

Poland





SHREDDER

LRK100

MATERIAL

Plastic tanks/tubing

SCREEN

Ø 80 mm

LOCATION

Germany



SHREDDER

RS40

MATERIAL

XPS panels

SCREEN

Ø 15 mm

LOCATION

Russia



SHREDDER

RS60

MATERIAL

Plastics, Tetra packs, films

SCREEN

Ø 25 mm

LOCATION

Czech Republic



SHREDDER

LRK1000

MATERIAL

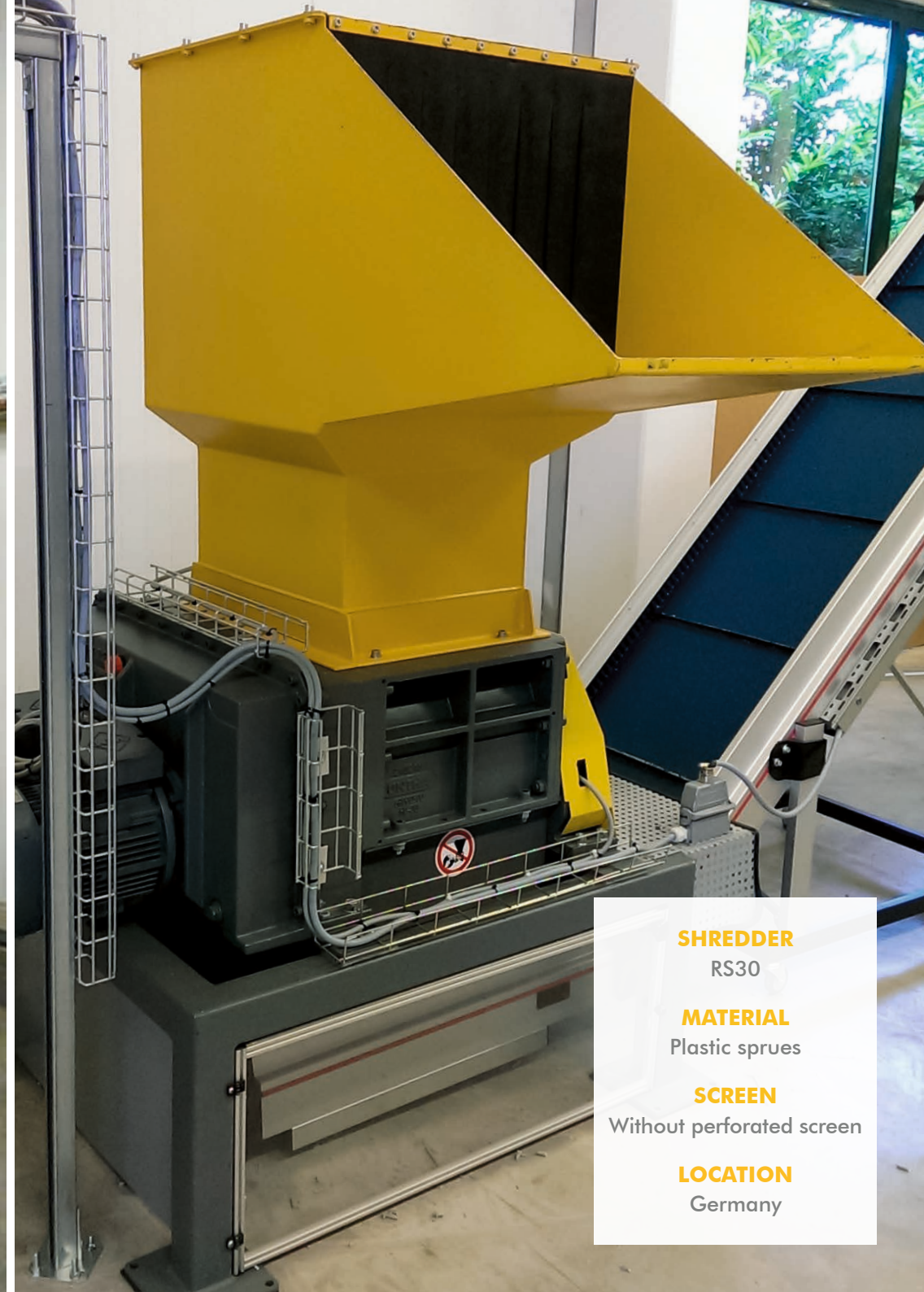
GRP moulded parts

SCREEN

Ø 30 mm

LOCATION

Germany



SHREDDER

RS30

MATERIAL

Plastic sprues

SCREEN

Without perforated screen

LOCATION

Germany

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5 reasons to choose UNTHA



Customised, long-lasting shredding solutions



Premium products developed and produced 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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