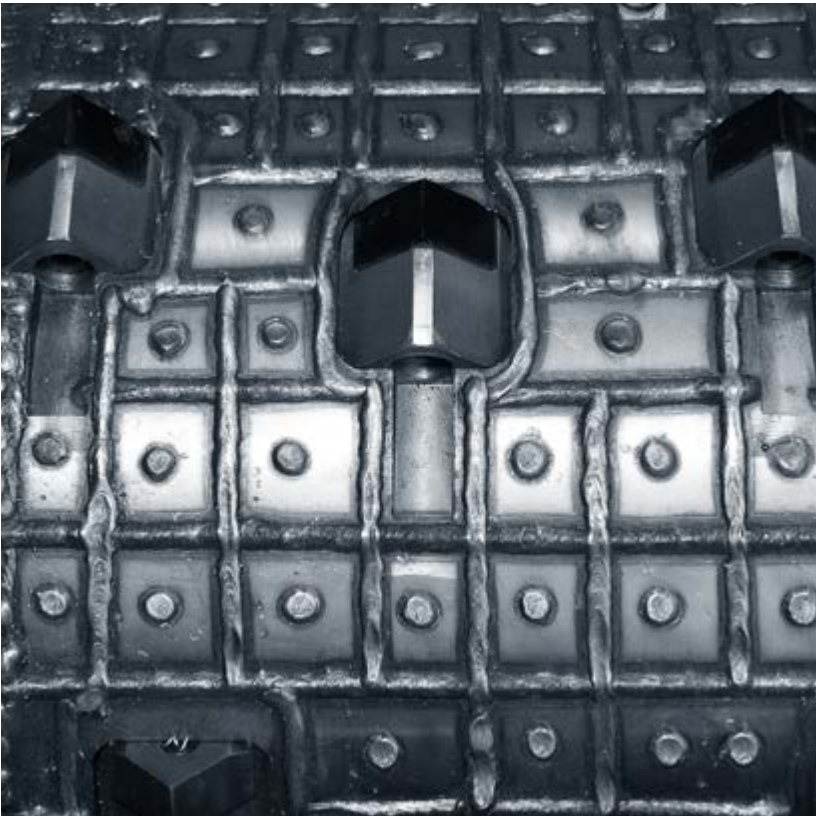


# YOUR SPECIALIST IN **SIZE-REDUCTION TECHNOLOGY**



**25**  
YEARS  
1994 – 2019

  
**amis**  
RECYCLING TECHNOLOGY



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## EDITORIAL

**One of Europe's largest size-reduction technology supplier, AMIS always has more than 200 used machines from all major manufacturers as well as new ZERMA machines in stock.**



#### **AMIS - A quarter century of expertise at your service**

2019 is the year we can happily look back on **AMIS's** 25-year success story. As a mechanical engineering and trading company, we have offered constructive and sustainable shredding and recycling solutions since 1994. Another major step was made in 2007 when we moved to Zuzenhausen into our 6500-square-metre headquarters.

A quarter of a century filled with experience and know-how: No matter whether we are talking about new or used machines, spare parts or the optimisation and modernisation of your processes, our 60-man-strong expert team will competently and reliably support you in all your undertakings, whether it is services and customer support or fully customised concepts. Over the past 25 years, we have become well-established as one of Europe's major size-reduction technology supplier. We would like to take this opportunity to thank our customers from the most varied industries and our competent employees for this shared success story and their loyalty.

**Thomas Ottenthal**

*Managing director*







## 1994

### FOUNDATION OF **AMIS**

Founded in 1994 by four persons, the company can look back on a successful history. Thomas Ottenthal and Anette Stork jumped in at the deep end and quit their safe jobs without any financial background - the right decision, as you can see today. With the requisite know-how, a strong will and, above all, the necessary stamina and diligence, the entrepreneurs succeed.

## 1995

### ACQUISITION OF THE ZERMA COMPANY

One year into their entrepreneurship, **AMIS** acquires ZERMA Zerkleinerungsmaschinenbau, a company based in Radebeul near Dresden. This promising merger leads to the company's growth. AMIS expands and strengthens its commitment and expert know-how in the area of plastic shredding.



## 2006

### GROUND-BREAKING CEREMONY AND RELOCATION TO ZUZENHAUSEN

A major milestone was achieved in 2007: In order to be able to accommodate the versatile product range for the plastics and wood industries, **AMIS** is the first company to move into the new "Schlangenbruch" industrial park in Zuzenhausen (Baden-Württemberg). The imposing new building covers an area of 6,500 m<sup>2</sup>; counting 60 members now, the team is getting bigger, too.

## 2019

### AMIS CELEBRATES ITS 25<sup>TH</sup> ANNIVERSARY

The anniversary celebrations took place in Zuzenhausen in May - with a four-day festive weekend and an open house day. Just in time for the 25th anniversary, the company's website gets a fresh new look. In October 2019, the company has its big anniversary appearance at the K Fair in Düsseldorf, the world's most important trade show for the plastics and rubber industry.

## HIGH-CAPACITY SHREDDERS

# OUR SHREDDERS AT A GLANCE

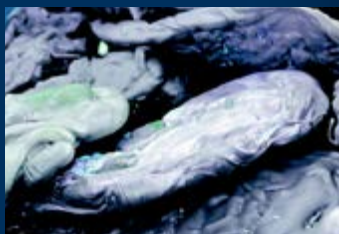
**Suitable for a multitude of shredding tasks, our single-shaft shredders can be used for plastics, wood, paper and different waste materials. They are often used for the preliminary size reduction of materials which are subsequently shredded by a granulator.**

A strong partner for coarse shredding: Our shredders do important preliminary work. They can be used, for instance, for the size reduction of heavy and massive parts which cannot be shredded directly by a granulator. The large and heavy rotor, the low rotor speed and the high torque ensure low electricity peaks, which at the same time avoids high energy costs.



**Please do not hesitate to get in touch if you need any further information. Of course, you can also visit our website**

[www.amis.de](http://www.amis.de)





**Shredder**  
ZPS



## OUR SHREDDERS

### ■ ZBS 600 - ZBS 850

Compact shredder without hydraulic slides  
For shredding clumpy waste materials which are generated during injection and blow moulding processes.

### ■ ZWS 600 Smart - ZWS 2600

For shredding wood waste and lightweight plastics.

### ■ ZHS 850 - ZHS 2600

Designed for light to medium-duty applications in the plastics industry.

### ■ ZPS/ZSS 850 - ZPS/ZSS 2000

Designed for heavy-duty continuous operation.

### ■ ZIS 1200 - ZIS 2000

Ideal for large-volume hollow parts such as IBCs, waste containers, pallets and rain barrels.

### ■ ZXS 1500 - ZXS 3000

Sturdy design with a large rotor diameter (750 mm) For high throughputs and sophisticated shredding tasks.

### ■ ZTTS 1500 - ZTTS 3000

For pre-shredding car and truck tyres in diameters of up to 1200 mm.

### ■ ZRS 800 - ZRS 1500

Powerful solution for shredding large, long pipes and profiles.

### ■ ZCS 600 - ZCS 1400

Compact combination shredder consisting of a single-shaft shredder and a granulator.

ALWAYS ONE STEP AHEAD

## OUR GRANULATORS AT A GLANCE

Our range of granulator covers everything from low-speed beside-the-press granulators to compact cutting mills - with or without soundproofing - to high-performance granulator for heavy-duty applications. We provide customised solutions for almost any application in the injection moulding, blow moulding, extrusion and recycling industries.

Our granulator can be used both as central mills and as downstream equipment. Apart from that, we offer a wide range of options including feed devices, special hoppers and similar accessories.

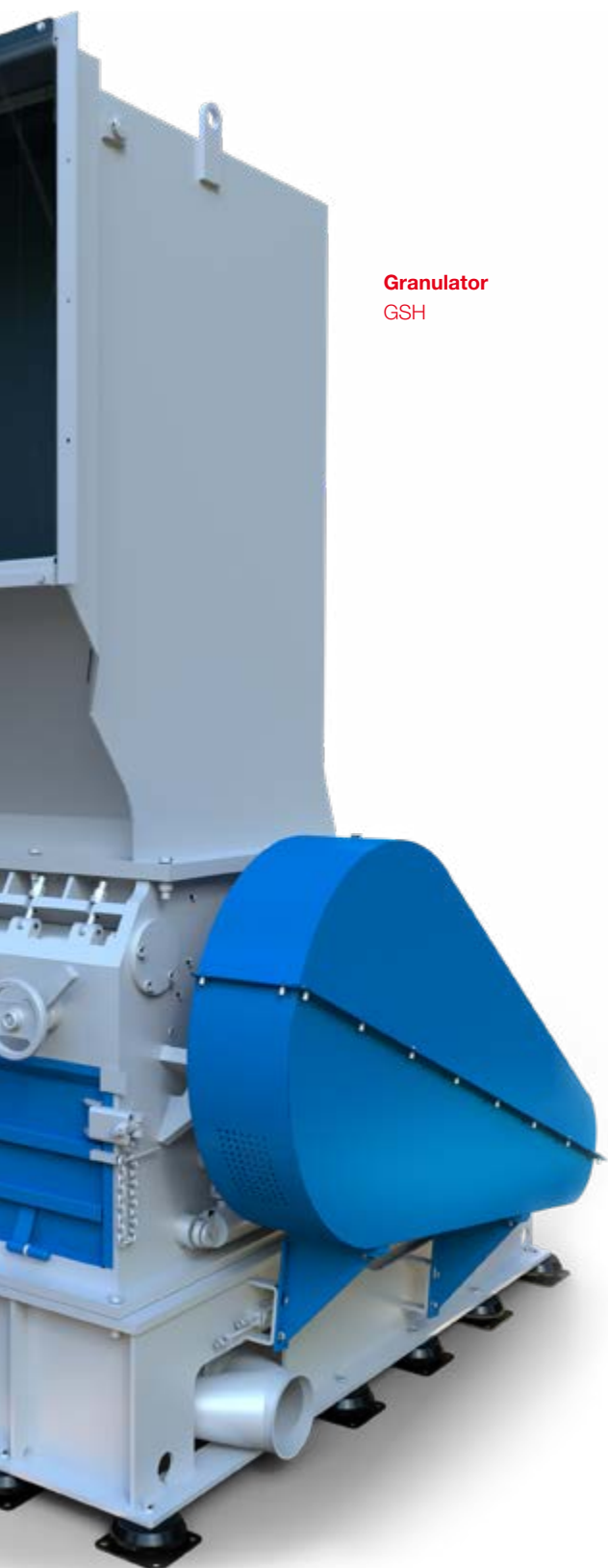
**Pulverizer**  
PM



**Beside-the-press granulator**  
GSL







**Granulator**  
GSH

## OUR GRANULATORS

### ■ Beside-the-press granulator **GSL 150-300**

These low-speed granulators have been developed specifically for applications in the injection moulding industry.

### ■ Compact granulator **GSE 300/300 - 700/1400**

This series is ideal for all injection and blow moulding factories. While these mills are generally suitable for all thin-walled plastic wastes, they may also be used downstream of a single-shaft shredder.

### ■ Soundproof compact shredders **GSC 300/300 - 700/1400**

These compact cutting mills are identical to the GSE series. However, they are fully soundproof and thus especially silent.

### ■ High-performance granulator **GSH 350/500 - 1100/2400**

For heavy-duty applications and high throughputs.

### ■ Pipe and profile granulator **GSP 600/500 - GSP 700/1400**

Thanks to the almost horizontal feed hopper it is possible to insert long parts comfortably.

### ■ Pulverizer **PM 300/500/800**

These mills are typically used for the fine grinding of ground material or primary products in the extrusion and blow moulding industries.

**Please do not hesitate to get in touch  
if you need any further information.**

**Of course, you can also visit our website**

[www.amis.de](http://www.amis.de)

## OUR WOOD PROCESSING MACHINES AT A GLANCE



Shredder  
ZWS



**Customers from the plastics industry are not the only ones who have relied on our complete solutions for many years. We also receive an ever-growing number of enquiries from companies which have to deal with wood residues.**

The life cycle of wooden products and wood composites is becoming ever shorter. A huge amount of waste wood and wood-based waste materials and residues is generated after use or in wood-processing companies. These residues must be treated accordingly.

With the right combination of wood shredders and briquetting presses you save time and space and it will also reduce your energy costs. Using a modern **AMIS** machine, you can, for example, turn large-volume wood waste into briquettes which can then be sold or used as organic fuel.

## OUR WOOD SHREDDERS & BRIQUETTING MACHINES

### ■ ZWS 600 Smart

The ideal solution for any carpentry workshop or wood-processing company.

### ■ ZWS 600 bis 2600

Single-shaft shredders for industrial-scale waste wood.

### ■ ZBP 30, 50, 60 und 70

Briquetting presses for volume reduction and energy production.

### ■ ZBP 40

Developed specifically for small and medium-sized companies, this shredder convinces with a sensational price-performance ratio.

### ■ ZBP 60L

Presses sawdust and shavings into briquettes which may be sold or used as fuel.

### ■ ZBP 500

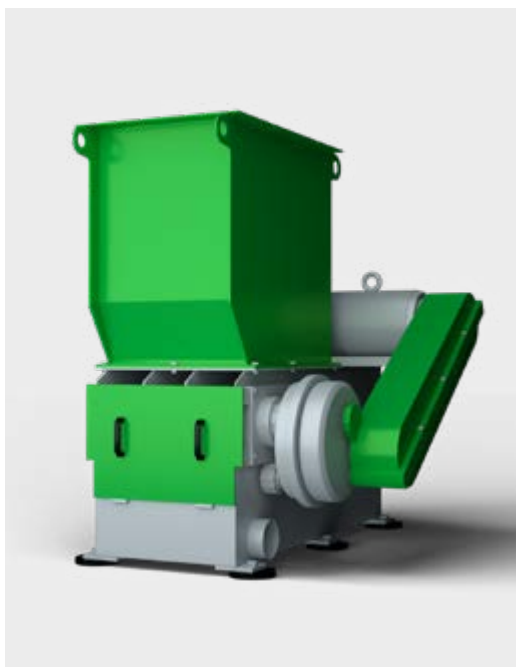
For the industrial production of rectangular briquettes.

### ■ ZPP 18

Our pellet press is compact, user-friendly and robust.

#### Shredder

ZWS 600 Smart



#### Briquetting press

ZBP 50 – 70



#### Briquetting press

ZBP 40







Belt conveyor

## OUR ACCESSORIES

A comprehensive range of machines also includes the matching accessories. Customisation and completion of machines and systems appropriate to any specific task is possible.

### OUR STANDARD ACCESSORIES AT A GLANCE

#### ■ Single-layer and double-layer metal detectors

Single-layer or separable tunnel metal detector which may, for example, be installed in belt conveyors to protect a cutting mill. Detects all types of metals, be it inclusions or loose parts.

#### ■ Rotary valve

For pressure-free discharge of the grinded material under the cyclone to containers or screening devices..

#### ■ Overbelt magnets

For separating ferrous metals; can be installed, for example, above a belt conveyor upstream of a mill or shredder.

■ **Fines separators**

For removing dust, lint and fine particles from ground material.

■ **Zigzag separators**

Gravity separators for separating parts based on a specific weight and different surface shapes.

■ **Blower systems**

For transporting ground material downstream of a cutting or fine granulator.

■ **Belt conveyors**

Inclined or angled belt conveyors for feeding and/or discharging shredders or granulators.

■ **Drag chain conveyors**

In most cases, these conveyors are used to remove ground wood downstream of a shredder.

■ **Screening machines/plan sifters**

For separating ground material based on a specific size, mostly downstream of a pulverizer.

■ **Screw conveyors**

For loading fine granulator and/or transporting ground material downstream of a mill or shredder.

■ **Pipe magnets**

For separating ferrous contaminations during the transport through pipe systems.

■ **Drum magnets**

For separating ferrous metals, for integration into a belt conveyor.

Fines separators



Zigzag separator



Overbelt magnet



All metal separator

YOU CAN COUNT ON US:

## WHEN IT COMES TO REPAIRS, SPARE PARTS AND MAINTENANCE

Our qualified expert personnel have many years of experience when it comes to building granulators and repairing our various machine types.

### Service and spare parts

Our range of services includes:

- Spare and wear parts from all major manufacturers
- Short delivery times
- Assembly, repair and maintenance work; if possible also on site
- Refurbishing of parts and machines
- Newly-made parts
- Sharpening service for knives and grinding discs/segments
- Machine and system optimisations



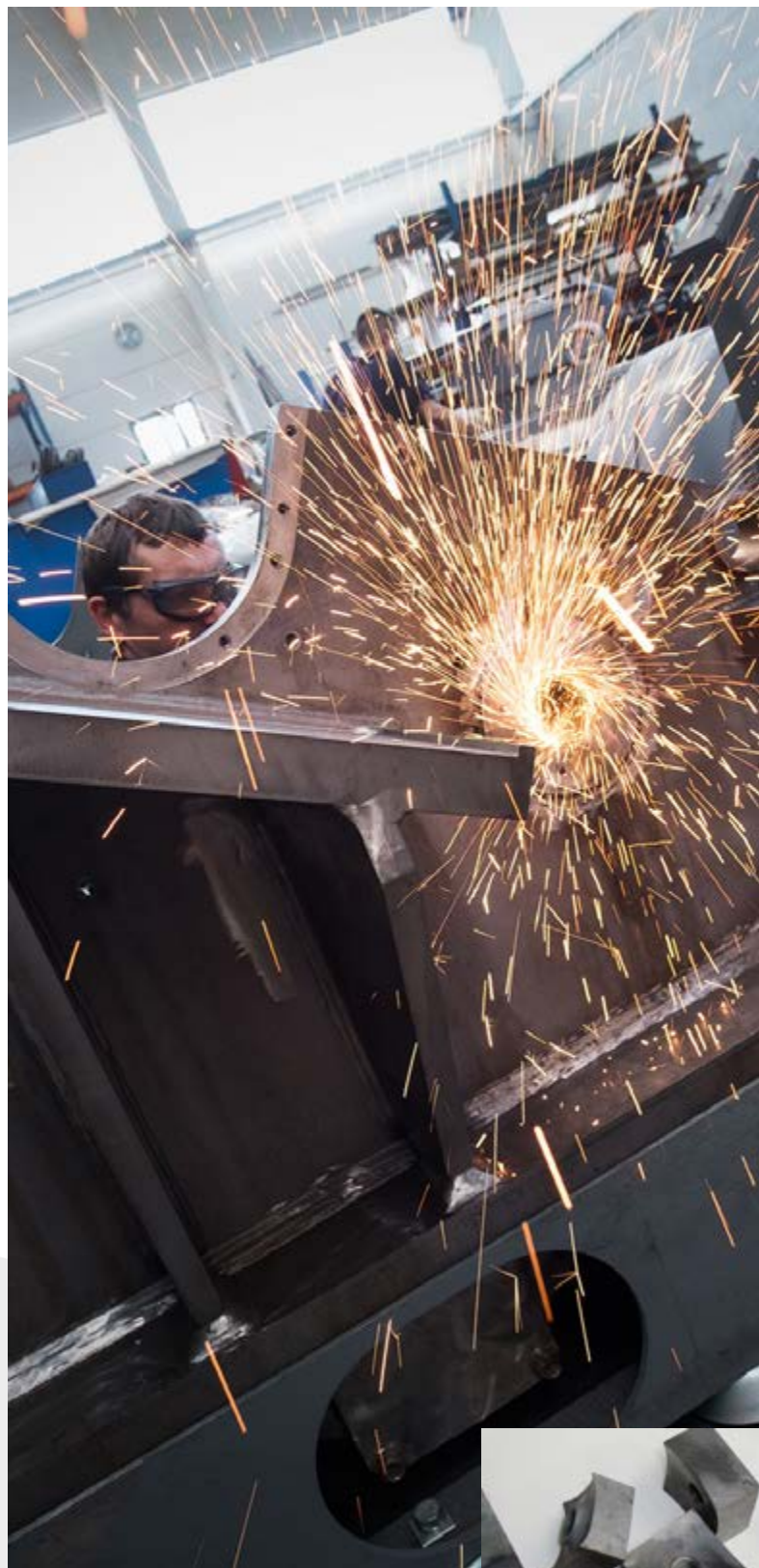
## OUR CUSTOMIZED SOLUTIONS

As a competent supplier for machinery and plant engineering **AMIS** is able to offer **special customized solutions**.

Extract of our realized projects:

- **Tires** ■ **Brake linings** ■ **Aluminium/copper**
- **Composite materials** ■ **Foodstuff and animal feed**

Our experienced sales team is available for your individual consultations.







## OUR RANGE OF USED MACHINES

**AMIS** always has more than 200 used machines from all major manufacturers (such as Condux, Dreher, Herbold, Pallmann, Rapid, Weima) as well as new ZERMA machines in stock. You will find everything you need for the processing of plastics, wood and other materials. Benefit from our know-how in process-related matters and our test possibilities to find the machine or system that best matches your operational requirements.



## OUR **TECHNOLOGY** CENTRE

Our in-house test centre, the so-called “Technology Centre”, offers customers the possibility to test the machine that best matches their individual requirements and to have it modified if necessary.

**AMIS** offers effective and efficient problem solutions for a great variety of plastic and wood wastes. In addition to that the company also provides solutions for shredding “challenging” materials, such as massive extruder lumps or fibre-reinforced plastics.



### WE BUY **YOUR MACHINE**

From granulator to shredders to accessories, we will be happy to buy your used equipment.



## **SUSTAINABILITY**

We attach great importance to the responsible use of resources. It is the basis of our corporate activities. We are committed to complying with the applicable legislation and to avoiding or reducing environmental pollution.

Our products are manufactured and distributed in the most possible environmental friendly way. We discuss all environmentally relevant aspects with our customers, suppliers and the public whilst working closely with the authorities as well as with associations and other institutions.

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