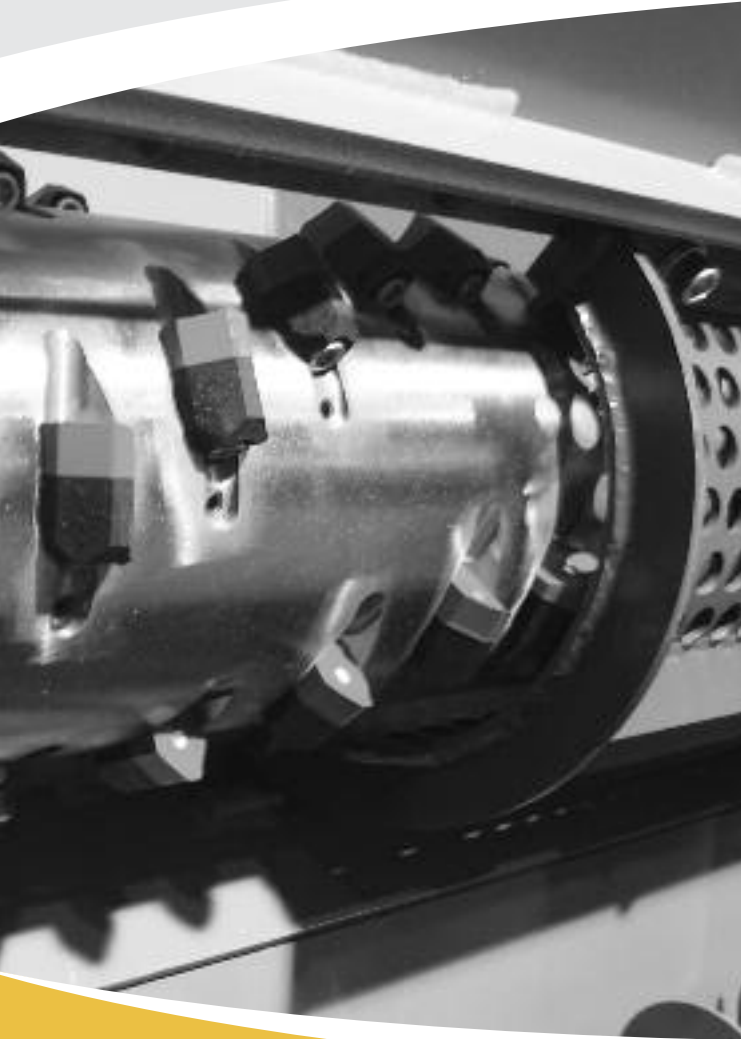




shredding technology

The reliable brand!



**3-YEARS
NO-WORRIES
WARRANTY!**

SHREDDING SOLUTION FOR WOOD

VR SERIES

RELIABLE SHREDDING TECHNOLOGY FOR SMOOTH OPERATIONS

The VR series of powerful single-shaft shredders are engineered to handle a wide range of shredding applications. The innovative VR shredders were developed in close cooperation with experienced industrial operators, creating a new generation of single-shaft shredders to meet your present and future needs.

The robust cutting system, revolutionary drive and maintenance-free ram, along with the rugged, operator friendly design are just a few of the VR's outstanding features.

The VR series' outstanding reliability ensures consistently high throughput even under the most difficult conditions. They are truly in a league of their own.

TYPICAL APPLICATIONS

- Lumber yard waste • Wood pallets • C & D wood
- Plastic film • Plastic packaging • Lumps of plastic
- Paper rolls • Newspapers • Files and data
- Production waste • Gypsum plasterboard
- Packaging material • etc.



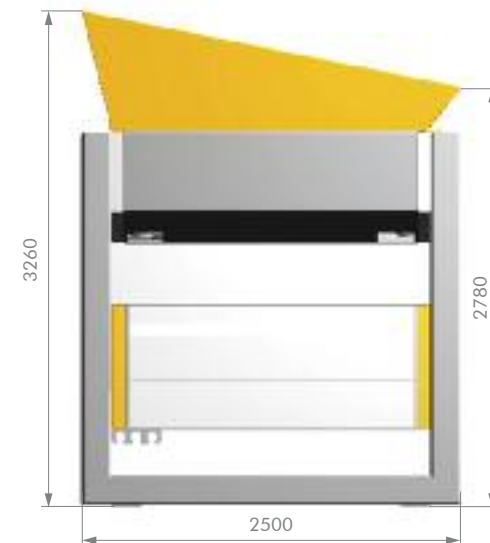
VR SERIES

Single-shaft cutting system

TECHNICAL DATA		VR60	VR80	VR100	VR120	VR140	VR160
Power	kW	55	75	90	110	132	160
Charging hole	mm	3,120 x 2,280	3,120 x 2,280	3,120 x 2,280	3,120 x 2,280	3,120 x 2,280	3,120 x 2,280
Hydraulic power	kW	7.5	7.5	7.5	7.5	7.5	7.5
Rotor Ø	mm	700	700	700	700	700	700
Rotor speed	rpm	86	86	95	95	105	105
Perforated screen Ø	mm	15 – 100	15 – 100	15 – 100	15 – 100	15 – 100	15 – 100
Width of indexable inserts	mm	40 x 40/60 x 60	40 x 40/60 x 60	40 x 40/60 x 60	40 x 40/60 x 60	40 x 40/60 x 60	40 x 40/60 x 60
No. of indexable inserts	units	29 – 94	29 – 94	58 – 141	58 – 141	87 – 188	87 – 188
Weight	kg	ca. 14,000	ca. 14,000	ca. 14,000	ca. 15,000	ca. 15,000	ca. 15,000
Throughput*	kg/h	1,000 – 6,000	2,000 – 7,000	3,000 – 7,000	3,000 – 8,000	4,000 – 9,000	4,000 – 10,000

*) depending on: quality of material and
diameter of perforated screen

All dimensions in mm.



40 years of expertise
More than 8,000 shredders
in daily operation!

QUALITY FEATURES

Rugged and economical cutting system

- Replaceable indexable cutter holders (A)
- Multiple indexable cutter designs available
- Multiple use indexable cutters and cutting bars
- Threadless indexable cutters reduce breakage

Continuous and efficient material feeding

- Large hopper opening and exceptional ram height (400 mm) effectively avoids bridging of bulky material
- Slanted cutting chamber bottom, the industry's largest diameter rotor in its class (700 mm) and cutter position automatically draw material into cutting area

Rugged, operator friendly design

- Sectional tubular steel frame resists warping (B)
- Compact design, small footprint
- Ribbed screen access door for (C) exceptional torsional stiffness and long life
- Integrated stand provides discharge conveyor clearance
- Large hopper allows easy loading with a front end loader
- Sized for over the road transportation without special permits

Trouble-free ram system

- Negligible wear and tear on roller-guided ram system (D)
- Self-adjusting sealing strips
- Quick-clean system with integrated dust ejection module

Simple, intuitive operation

- Integrated 5.6" touch screen controls (E) and high resolution colour display with user friendly, menu driven navigation
- Remotely located SRC1) control panel enhances operator safety

Revolutionary drive system

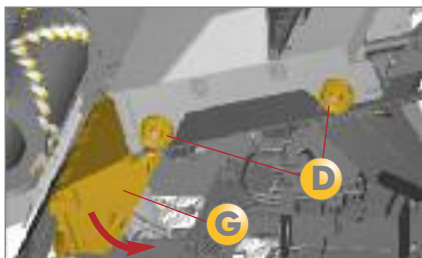
- Stubless shaft with gearbox integrated into rotor (F)
- Heavy duty drive originating from the mining and road construction industry

Ease of maintenance

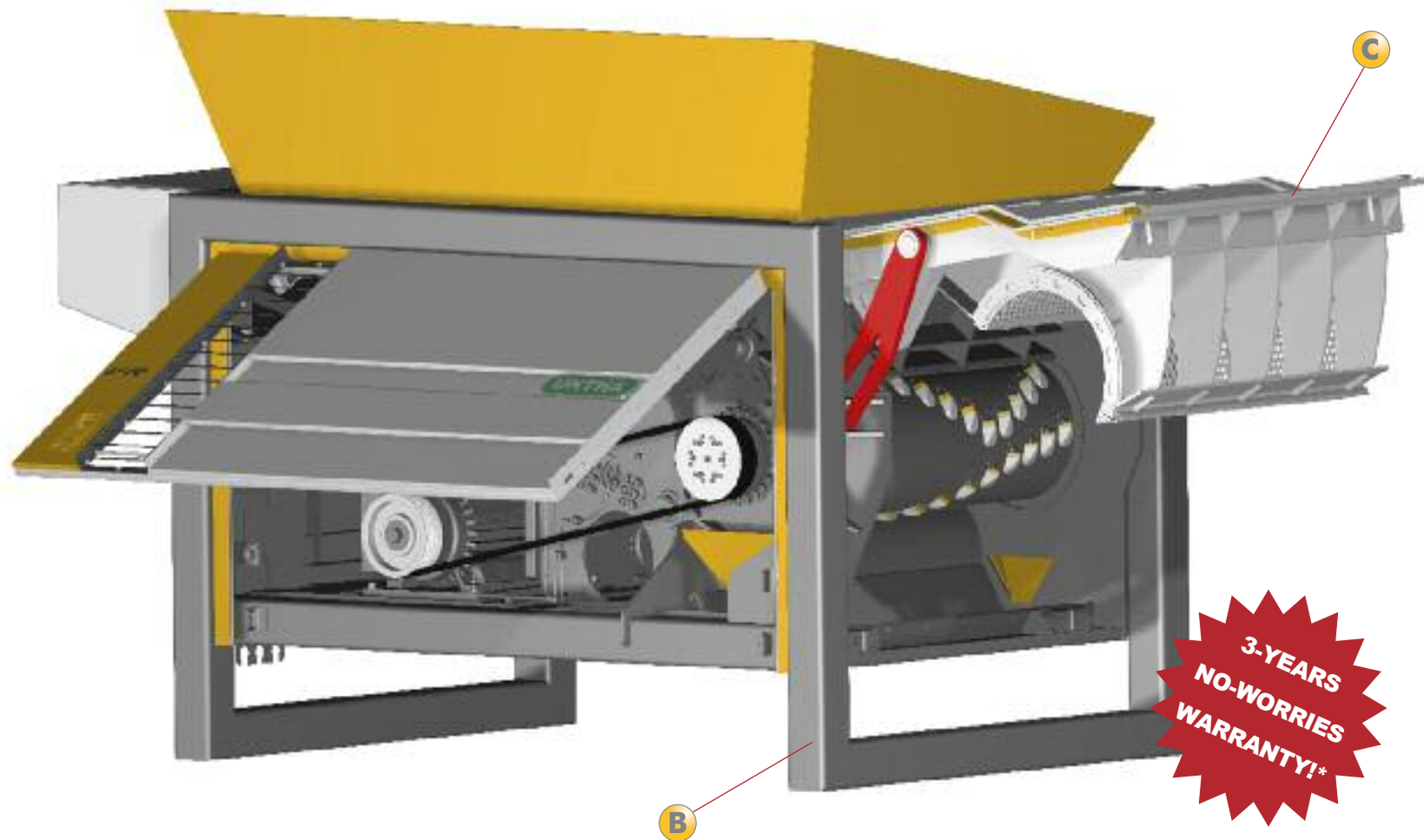
- Easy access (no tools required) to all components
- Hydraulic door provides access to screen, rotor and cutting system
- Quick and simple replacement of wear parts
- No service platform required
- Long maintenance intervals

Options

- Hydraulic cutting system protection (G)
- Variable frequency drive (VFD) speed control for adjustable throughput and reduction of start-up peaks
- State of the art SRCE2) control panel with 15" colour touch screen with advanced control and monitoring features.
- Automatic central lubrication system
- "UNTHA Carefree package"



*) or 2,000 h, whichever value occurs first



- 1) Safety remote control
- 2) Safety remote control (expert)

UNTHA CUSTOMER SERVICE – AS RELIABLE AS OUR PRODUCTS

Our customers' satisfaction is our number one priority. Our experienced Customer service experts make sure the machines and plant supplied by us are maintained and optimized to increase their service life and ensure efficient and profitable operation.

For more information please refer to our Customer Service brochure.



HOW UNTHA CUSTOMER SERVICE CAN BENEFIT YOU

Cutting systems overhaul

- The low-cost alternative to buying new cutting systems
- Extension of service life and increase in productivity of used cutting systems
- Optimisation of worn cutting systems

Spare parts

- Original UNTHA replacement parts for maximum availability of your machine and plant
- Comprehensive spare parts stock of more than 10,000 items
- Replacement parts are provided within 2 working days thanks to our advanced logistics concept¹⁾
- All original UNTHA replacement parts are "made in Austria"

Repair

- Short response time and expert support in emergencies
- Service hotline
- Highly qualified and experienced service engineers
- General overhauls on site and at the UNTHA Service Centre

Preventive maintenance and maintenance agreements

- UNTHA quality maintenance programmes ensure high up-time of machines
- Regular UNTHA quality maintenance ensures high performance of the machine
- Clear reduction in operating and maintenance costs
- Modular UNTHA quality Maintenance Agreements available

Training

- Expert training courses for optimum operation and maintenance of machines
- Hands-on and multimedia courses for immediate, positive training results
- Individual training courses and on-site advice available

Diagnosis of machine problems

- Prevention of serious damage
- Evaluation by means of state-of-the-art diagnostic equipment
- Remote diagnosis via GSM modem for swift troubleshooting

¹⁾ applies to all articles in stock



OUR MISSION

We have been a reliable and expert partner in the shredding industry for more than 30 years. Based on the latest technologies and with the help of our highly qualified staff, we develop and produce innovative and tailored shredding solutions for all applications.

Our every thought and action revolve around our customers and markets. We provide outstanding products and services of the highest quality and reliability and are therefore able to strengthen our customers' market position.

For us, reliability, credibility and a sound approach to business in both practice and theory are the central values that make our success in international markets possible. These values increase our competitiveness and help us to focus on our core competences and on the ongoing improvement of our business processes. The prerequisites for our success are innovative strength, problem-solving skills and our distinctive quality thinking.



THE FACTS SPEAK IN OUR FAVOUR





shredding technology

The reliable brand!



UNTHA shredding technology

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