

LINDNER



MICROMAT 2000 | 2500
STATIONARY UNIVERSAL SHREDDING

TACKLES
ANYTHING.

ONLY LINDNER CLIENTS CAN TRULY SAY:

DESIGNED TO TAKE UP MY CHALLENGES.

UNIVERSAL SHREDDING, LINDNER STYLE: FLEXIBLE, INDIVIDUAL AND WELL-ENGINEERED.

Micromat single-shaft shredders are the answer to your individual shredding needs. A variety of configuration options and special additional features, such as the high-performance or bale-opener design, allow you to adapt the shredder to almost any shredding requirement. A machine that's been well-engineered down to the last screw.



1. HYDRAULIC MAINTENANCE DOOR

Remove non-shreddables quickly and cleanly with the maintenance door at position 2.

100% safe operation due to the mechanical safety lock and the pusher's special parking position.

Enjoy convenient maintenance access to the knives and counter knives with the maintenance door at position 2.



2. GEAR OR BELT DRIVE

Adapts to individual material needs thanks to the customisable drive unit.

More output with the optional high-performance version.

Powerful shredding due to high-torque, high-performance motors.

Global availability of all easy-change standard parts.

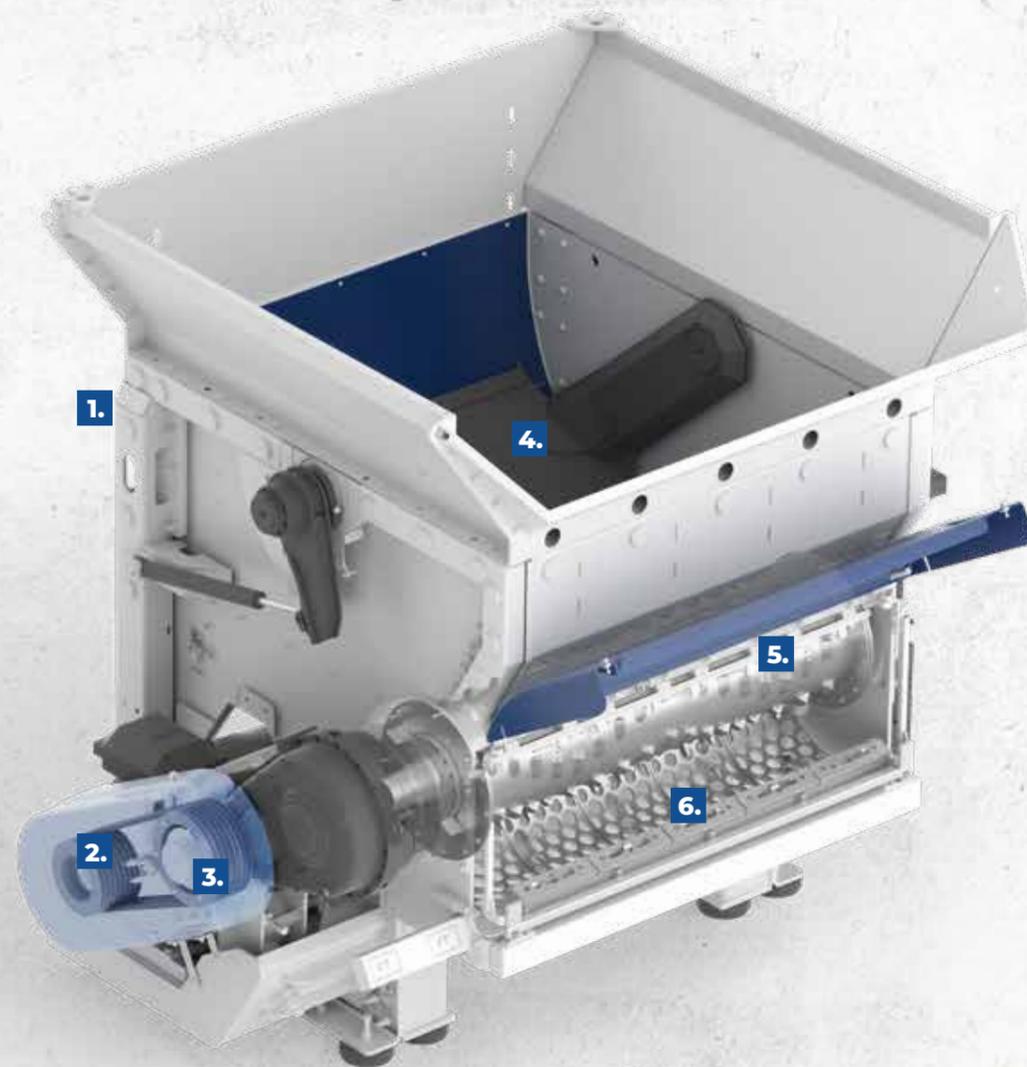


3. TORQUE-LIMITING SAFETY CLUTCH

Perfect drive protection thanks to the drive unit's instant mechanical disengagement.

Fully adjustable to your materials.

Secure power down with robust sensors.



4. INTERNAL PUSHER

Continuous shredding due to smooth feeding.

Delightfully maintenance-free thanks to the absence of guide elements.

Easy feeding with a completely internal construction.

No jamming as a result of additional comb and sealing bars.



5. MADE-TO-MEASURE CUTTING SYSTEM

Optimised output thanks to the customisable knife configurations.

Low wear and tear ensured by optional cutting system and knife holder hardfacing.

Consistent particle size due to the fully adjustable cutting gap.

Optimised for secondary sorting with special bale-opener option.



6. PLUG & GO SCREEN UNIT

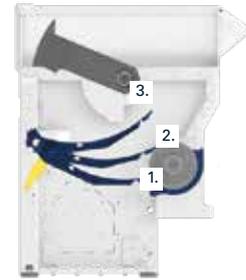
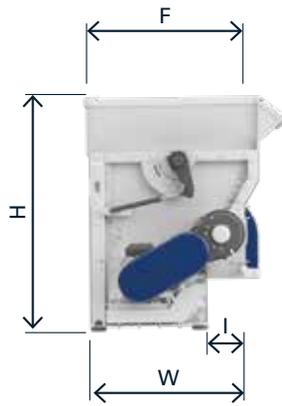
Flexible output sizes made possible with our screen units in various hole sizes.

Easy screen change thanks to our swivel-mounted, hydraulically operated screen unit with individual screen modules.

Extremely safe operation with the electromagnetically locked screen access point preventing access to the cutting chamber while the machine is in operation.



TECHNICAL DATA



Hydraulic door for maintenance and removal of foreign objects

1. Operating position
2. Position for removal of foreign objects
3. Position for maintenance

		MICROMAT 2000 GEAR DRIVE	MICROMAT 2000 BELT DRIVE	MICROMAT 2500 GEAR DRIVE	MICROMAT 2500 BELT DRIVE
DIMENSIONS*					
Measure (LxWxH)	mm	4217 x 2478 x 3380	5019 x 2633 x 3380	4717 x 2478 x 3380	5519 x 2633 x 3380
Hopper opening (DxF)	mm	2790 x 2405	2790 x 2405	3290 x 2405	3290 x 2405
Feeding height	mm	2594	2594	2594	2594
Capacity	m ³	4.5	4.5	5.6	5.6
Outlet width (l)	mm	2225	2225	2725	2725
Weight	kg	13500	14000	15500	16000
CUTTING UNIT*					
Length	mm	2025	2025	2525	2525
Speed	min ⁻¹	105	265	105	265
Standard tool		pointed knives	pointed knives	pointed knives	pointed knives
		43P 43PX 65P 65PX	43P	43P 43PX 65P 65PX	43P
Number of knives	pcs.	104 128 68 61	104	128 161 86 77	131
Number of screens	pcs.	4	4	5	5
Final output	mm	15–100	15–100	15–100	15–100
DRIVE*					
Type		gear drive	belt drive	gear drive	belt drive
Motor	kW	1 x 132	1 x 132	1 x 160	1 x 160
Power control		star-delta/frequency converter			

*The stated values refer to standard machine versions with a standard hopper and raised feet. The right to make technical changes is reserved.



Cutting system cooling



Water sprinkling system



Fire extinguishing system with spark detection



Feeding unit for bulky goods and bales

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