

LINDNER



**MICROMAT HP 1500 | 2000 | 2500
STATIONARY UNIVERSAL SHREDDING**

**GIVES FILM
A NEW LIFE.**

ONLY LINDNER CLIENTS CAN TRULY SAY:

DOESN'T WASTE MY WASTE.

HELPING FILM TURN FULL CIRCLE: SOPHISTICATED ENGINEERING FOR MAXIMUM PRODUCTIVITY.

Powerful motors, high-speed direct belt drive and the new Multiplex rotor: this formula makes the single-shaft shredders of the Micromat HP series the benchmark for the one-step shredding of post-consumer or industrial film into extrudable flakes. The newly developed cutting system aggressively pulls in the input material to ensure consistently high throughput and precisely cut output material with maximum productivity.



1. HIGH-PERFORMANCE BELT DRIVE

Up to 250% more output with post-consumer or industrial film thanks to the robust high-speed belt drive with over 1,500 cuts per minute.

Optimum machine protection due to the safety clutch and the drive unit's instant mechanical disengagement in the event of incidents.



2. CONTROL & OPERATION

Ergonomic operation with activity-dependent positioning of the control panel via Plug&Go interfaces on the front and rear of the machine.

Intuitive menu navigation with software functions automatically opening and closing depending on the task at hand.

High availability thanks to fast troubleshooting with smart solution-finding and integrated FAQ database.

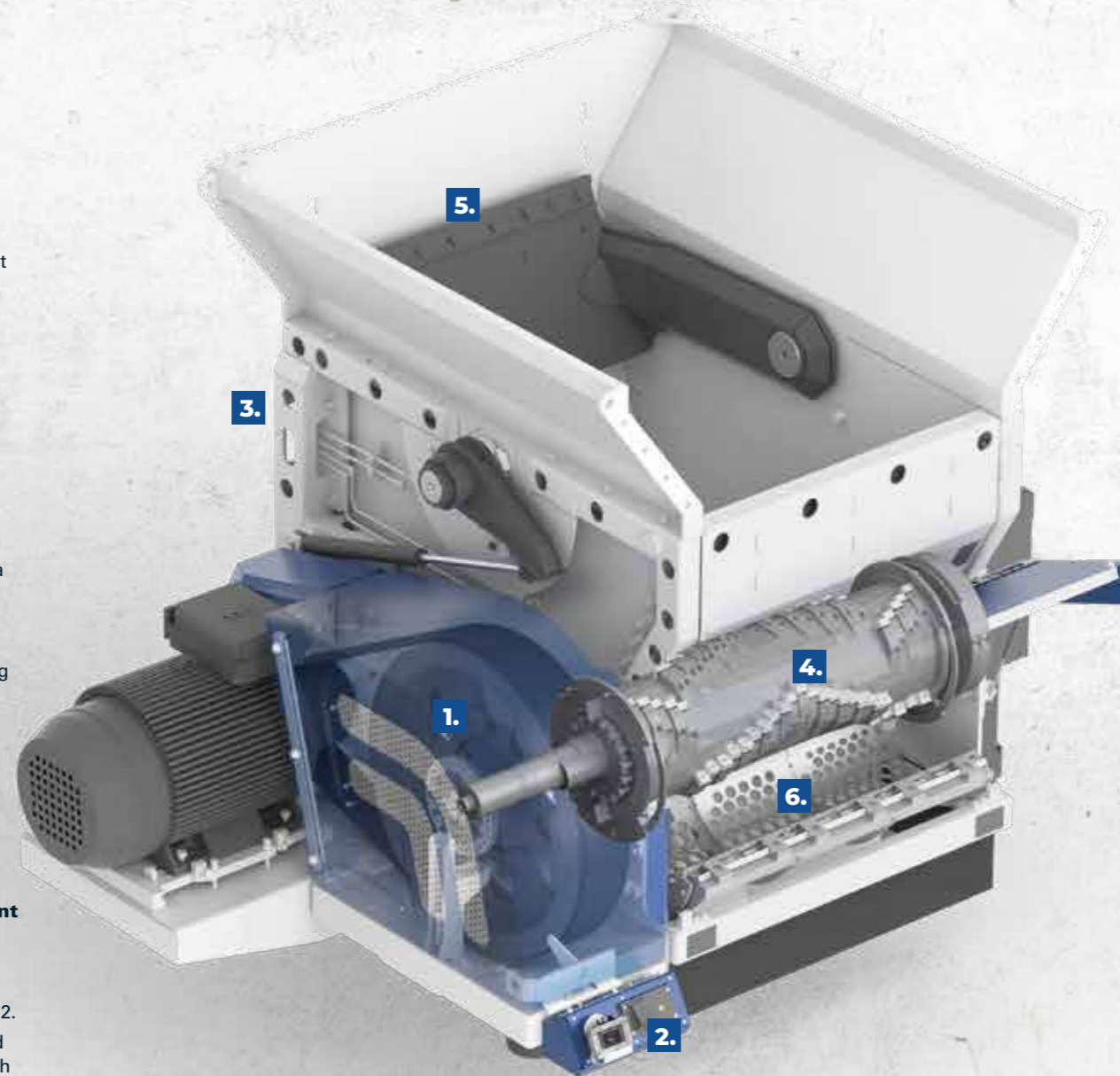


3. HYDRAULIC MAINTENANCE DOOR

Fast cleaning and readiness for different input materials thanks to easy access to cutting unit and pusher.

Quick and clean removal of non-shreddables with the maintenance door at position 2.

Enjoy convenient access to the rotor and counter knives for a fast knife exchange with the maintenance door at position 3.



4. MULTIPLEX ROTOR

Maximum productivity to the new Multiplex rotor shredding film to extrudable flakes in a single step.

Precisely cut flakes guaranteed by the new 3D stepped rotor design.

Resistant to non-shreddables due to robust design and special wear plates.



5. INTERNAL PUSHER

Constant shredding due to uniform material feeding.

Maintenance-free to the absence of guide elements.

Easy feeding with a completely internal construction.

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



6. PLUG & GO SCREEN UNIT

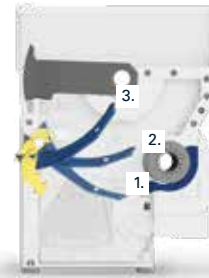
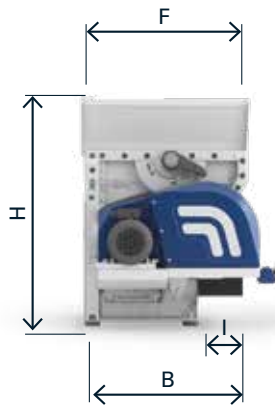
Flexible output sizes possible with our quick-change screen units in various hole sizes.

Extremely safe operation with the electromagnetically locked screen access point.

Easy screen change thanks to their swivel-mounted, hydraulically operated, modular design.



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 1500 HP	MICROMAT 2000 HP	MICROMAT 2500 HP
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DIMENSIONS*

Measure (LxWxH)	mm	3738 x 2478 x 3380	5019 x 2633 x 3380	5519 x 2633 x 3380
Hopper opening (DxF)	mm	2290 x 2405	2790 x 2405	3290 x 2405
Feeding height	mm	2594	2594	2594
Capacity	m ³	3.4	4.5	5.6
Outlet width (l)	mm	1725	2225	2725
Weight	kg	12000	14000	16000

CUTTING UNIT*

Length	mm	1525	2025	2525
Speed**	min ⁻¹	180 – 265	180 – 265	180 – 265
Standard tool		Multiplex 50S	Multiplex 50S	Multiplex 50S
Number of knives	Stk.	90	120	150
Number of screens	Stk.	3	4	5
Final output	mm	15-100	15-100	15-100

DRIVE*

Motor	kW	1 x 110	1 x 132	1 x 160
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*The stated values refer to standard machine versions with a standard hopper and raised feet. The right to make technical changes is reserved.

** Variable rotor speeds require optional electronic motor speed control system.



Cutting system cooling



Water sprinkling system



Fire prevention system



Machine information system

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