

LINDNER



**UNIVERSO 2200 | 2800
UNIVERSAL SHREDDING**

**BITES THROUGH
EVERYTHING.**

ONLY LINDNER CLIENTS CAN TRULY SAY:

IN THE END IT'S WHAT'S LEFT THAT COUNTS.

UNIVERSAL SHREDDING TO THE EXTREME: ROBUST, RELIABLE AND HIGH THROUGHPUT.

The Universo series with its robust, high-quality engineering ensures a long service life with consistently high throughput rates. Whether you are shredding different types of plastic or waste, with its heavy-duty gearbox drive and robust cutting system there is no job that this shredder cannot handle. As has been proven by thousands of operating hours in different fields of application.



1. HYDRAULIC MAINTENANCE DOOR

Remove foreign matter quickly and cleanly with the maintenance door at position 2.

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

Enjoy comfortable maintenance access to the knives and counter knives with the maintenance door at position 3.



2. HEAVY-DUTY GEARBOX DRIVE

Powerful shredding with high-torque, high-performance motors.

Adapts to the material thanks to its variable speeds.

Global availability of all easy-change standard parts.

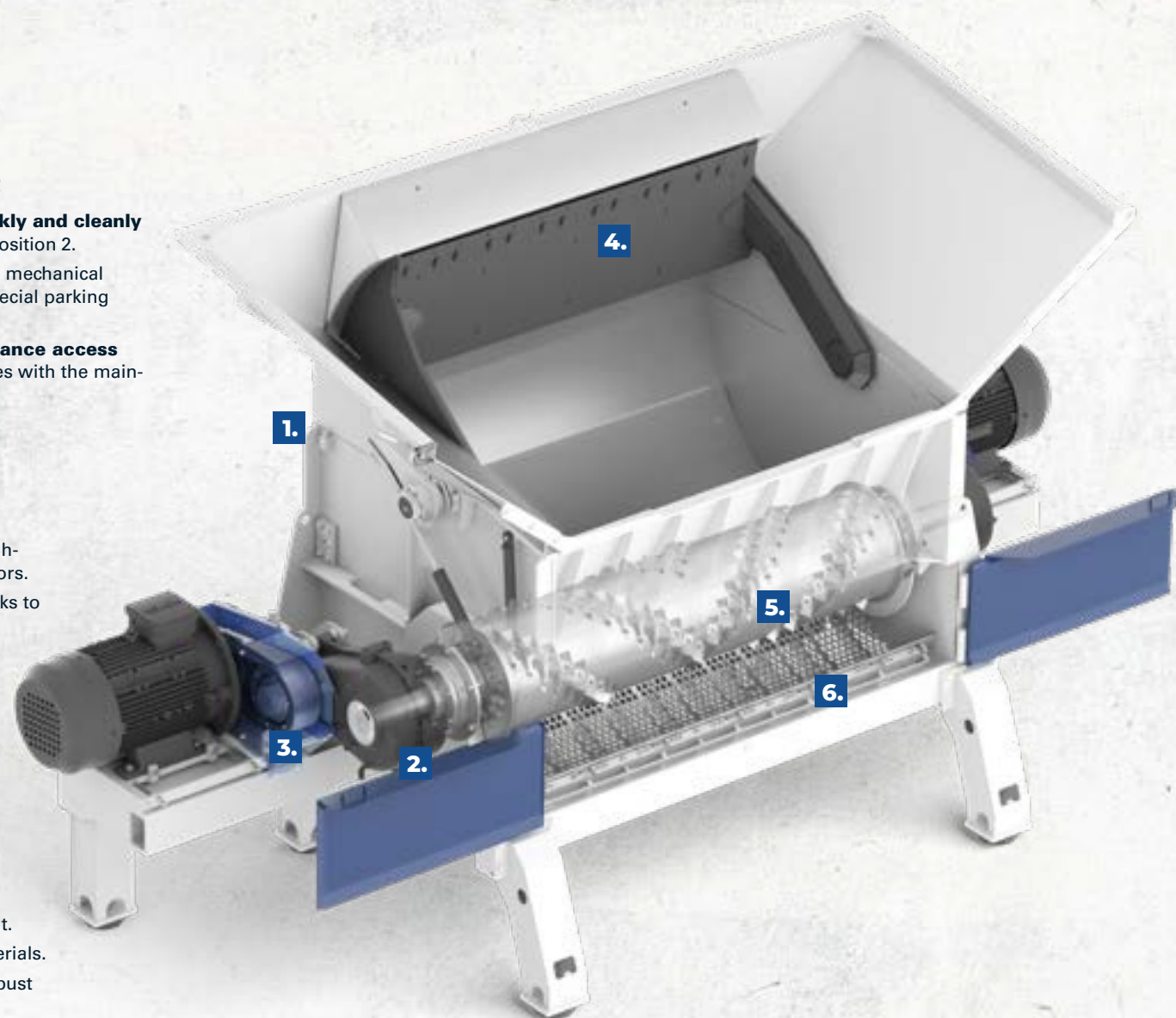


3. TORQUE-LIMITING SAFETY CLUTCH

Perfect drive protection thanks to the drive unit's lightning-speed disengagement.

Fully adjustable to your materials.

Secure power down with robust sensors.



4. INTERNAL PUSHER

Continuous shredding due to smooth feeding.

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. ROBUST SQUARE CUTTING SYSTEM

High output rates even with tough materials.

Undeterred by non-shreddables thanks to robust knives and knife holders.

Low wear and tear costs ensured by four-fold usable, quick-change cutters.



6. PLUG & GO SCREEN UNIT

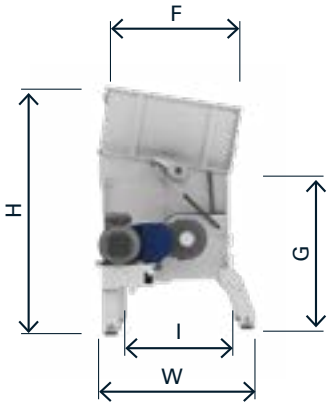
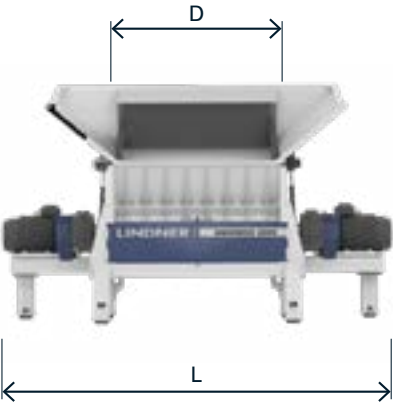
Easy access for maintenance and fitting thanks to the swivel-mounted, hydraulically operated design.

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

Flexible output sizes made possible with screen units in different hole sizes.



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

		UNIVERSO 2200	UNIVERSO 2800
DIMENSIONS*			
Measure (LxWxH)	mm	6000 x 2900 x 3950	7000 x 2900 x 3950
Hopper opening (DxF)	mm	3985 x 1600	4675 x 1600
Feeding height	mm	2960	2960
Capacity	m³	3.7	5
Outlet width (I)	mm	840	840
Weight	kg	18000	27200
CUTTING UNIT*			
Length	mm	2115	2805
Speed	min ⁻¹	80	80
Standard tool		pointed knives 43P	pointed knives 43P
Number of knives	pcs.	138	186
Number of screens	pcs.	4	6
Final output	mm	20–600	20–600
DRIVE*			
Type		gear drive	gear drive
Motor	kW	1 x 132	2 x 110

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



Water sprinkling system



Fire extinguishing system
with spark detection



Bus connection to the
external control system

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