

**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 rotor cutters 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.

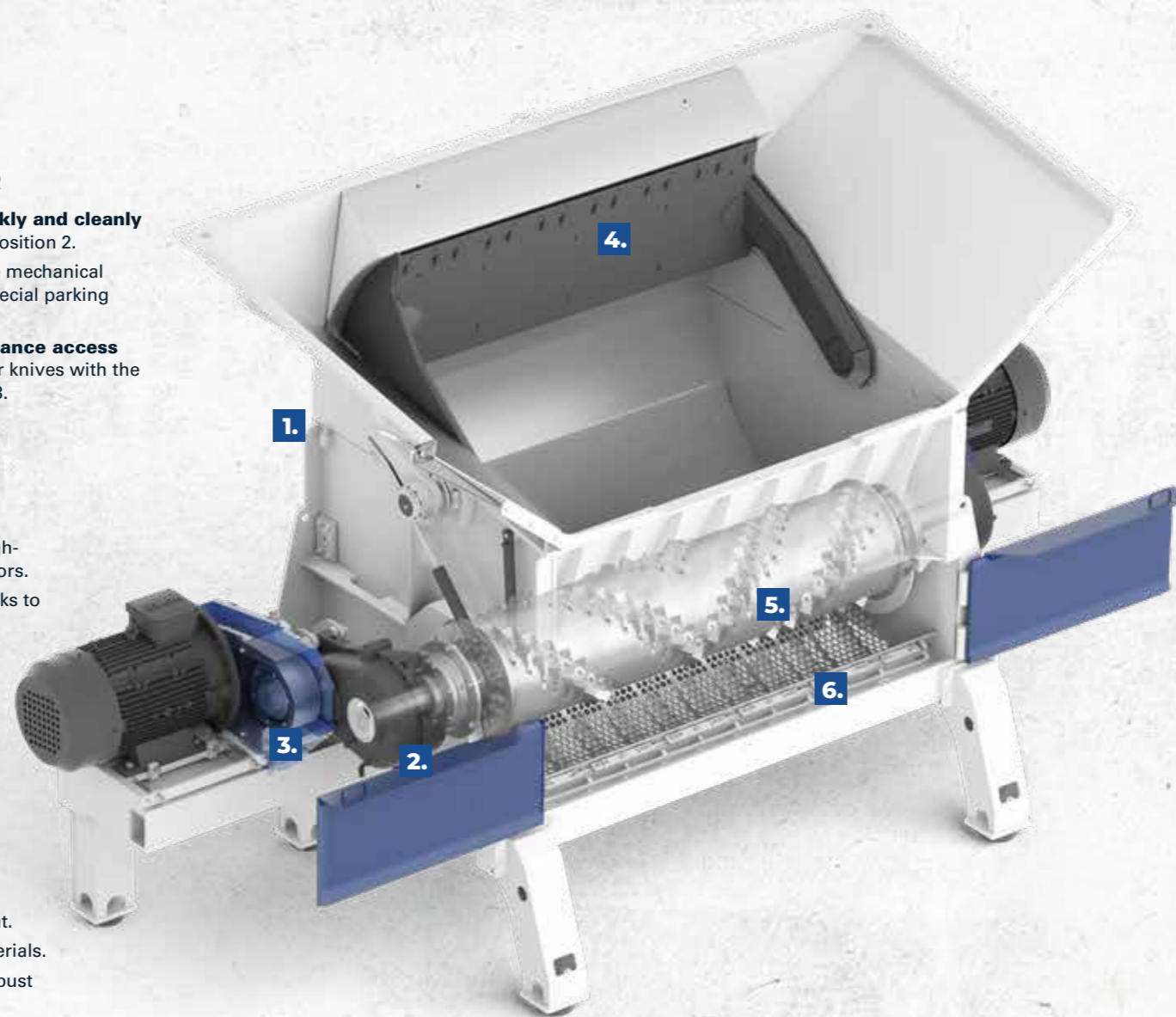


### 3. TORQUE-LIMITING SAFETY CLUTCH

**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 rotor 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 cutters and holders.

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



### 6. PLUG & GO SCREEN UNIT

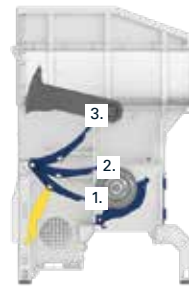
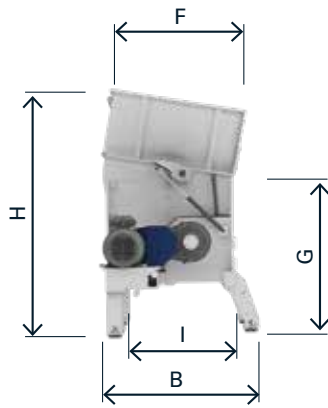
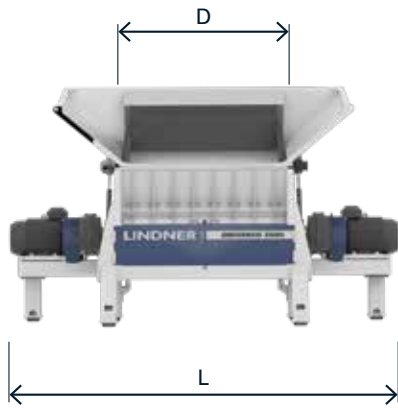
**Easy access for maintenance and fitting** thanks to the swivel-mounted, hydraulically operated design.

**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 various mesh widths.



# 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
<b>DIMENSIONS*</b>			
Measure (LxBxH)	mm	6000 x 2900 x 3950	7000 x 2900 x 3950
Filling opening (DxF)	mm	3985 x 1600	4675 x 1600
Filling height	mm	2960	2960
Cutting zone volumes	m <sup>3</sup>	3,7	5
Outlet width (I)	mm	840	840
Total weight	kg	18000	27200
<b>CUTTING UNIT*</b>			
Rotor length	mm	2115	2805
Rotor speed	min <sup>-1</sup>	80	80
Standard Tool		pointed knife 43P	pointed knife 43P
Number of knives	pcs.	138	186
Number of screens	pcs.	4	6
End grain size	mm	20 – 600	20 – 600
<b>DRIVE*</b>			
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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