

LINDNER



**ATLAS 5500
STATIONARY PRIMARY SHREDDING**

**KNOWS
NO MERCY.**

ONLY LINDNER CLIENTS CAN TRULY SAY:

SIMPLY EFFICIENT.

MERCILESSLY EFFICIENT: PROVEN CONCEPTS INGENUOUSLY APPLIED.

The Lindner Atlas is the next big thing in primary shredding. Based on the proven belt concept, the electric drive with a high-performance planetary gearbox delivers the highest efficiency in its class thanks to innovative software controlled energy management. When combined with asynchronous control of the tools, this ensures constant discharge and maximum efficiency, even when one shaft stops. The Atlas also boasts Lindner's trademark robustness and enormous throughput rates.



1. HIGHLY EFFICIENT ELECTRIC BELT DRIVE

Robust, sturdy belt drive with planetary gearbox.
Powerful shredding with high performance electric motors.
Incredibly reliable with particularly durable components.



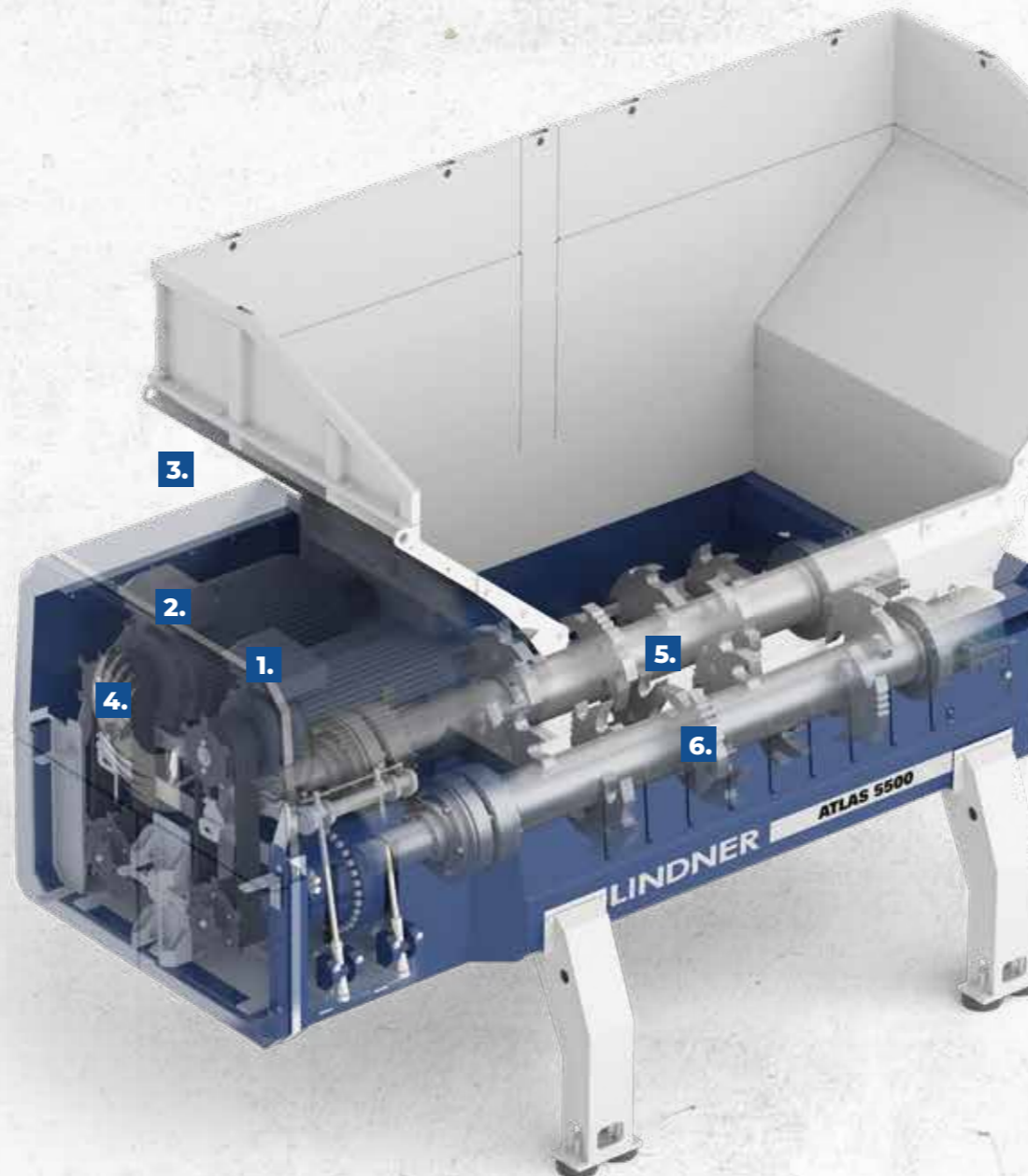
2. SMART ENERGY MANAGEMENT SYSTEM

Maximum efficiency with innovative energy management during shredding.
Incredibly productive thanks to lightning speed, software-controlled shaft reversing.
For every application with an ingeniously simple combination of tried-and-tested components.



3. ASYNCHRONOUS SPEED CONTROL

Continuous material discharge ensured with individually controllable shafts.
Maximum output thanks to optimized drive dynamics.
High flexibility through synchronous and asynchronous shaft operation.



4. TORQUE-LIMITING SAFETY CLUTCH

Optimum drive protection thanks to the drive unit's lightning-speed disengagement.
Fully adjustable to various materials.
Secure power down with our tried-and-tested sensors.



5. ROBUST TWIN-SHAFT SHREDDING SYSTEM

Consistently high throughput thanks to effective shredding in both directions of rotation, even when one shaft stops.
No fine particles due to the special geometry of the shredding system.
Maximum service life due to slow-speed ripping shafts and the system's robust frame design.

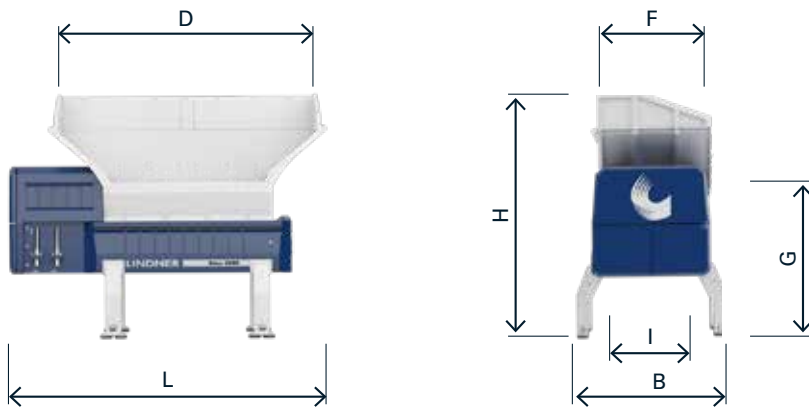


6. CONTROL & OPERATION

Easy operation: control all of the shredder's functions via remote.
Convenient parameter setting thanks to an intuitive touch-screen located directly in the control cabinet.
Perfect system integration via simple connection with the central control system.



TECHNICAL DATA



ATLAS 5500

DIMENSIONS*

Measure (LxBxH)	mm	6135 x 2940 x 5005
Filling opening (DxF)	mm	5034 x 2004
Filling heights (G)	mm	3255
Hopper volumes	m ³	18
Outlet width (I)	mm	1885
Total weight	kg	32000

CUTTING UNIT*

Rotor length	mm	2 x 2750
Rotor speed	min ⁻¹	36
Standard tool		rippers
	mm	AS 7.9
Number of knives	pcs.	18
Output size	mm	200 - 400

DRIVE UNIT*

Motor	kW	2 x 110
Power control		frequency converter

*The stated values refer to standard machine versions with a standard hopper (large) and raised feet.



Water sprinkling system



Fire extinguishing system
with spark protection



Hardfacing kit
(shafts & frame)

Lindner-Recyclingtech GmbH

Villacher Straße 48 | 9800 Spittal/Drau | Austria
t.: +43 4762 2742 | f.: +43 4762 2742-9032 | office@l-rt.com

www.l-rt.com