

**LINDNER**



**ATLAS 5500 AS  
STATIONARY PRIMARY SHREDDING**

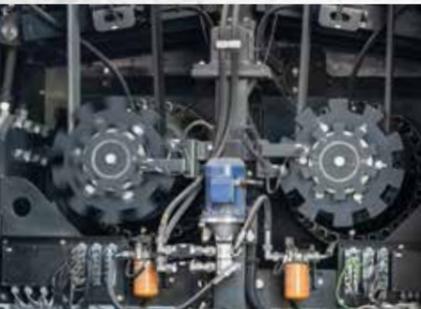
**KNOWS  
NO MERCY.**

ONLY LINDNER CLIENTS CAN TRULY SAY:

# REALLY PACKS A PUNCH.

## MERCILESSLY EFFICIENT: PRODUCTIVITY FROM START TO FINISH

Based on the proven belt concept, the Lindner's Atlas 5500 AS twin-shaft primary shredder sets new efficiency standards with its high-performance planetary gears, innovative DEX (Dynamic Energy Exchange) energy recovery system and asynchronous shaft control. Delivering consistently high throughput, built for tough applications and equipped with the new FX fast exchange system, this shredder provides maximum uptimes and can be relied on to keep the line going.



### 1. HIGHLY EFFICIENT ELECTRIC BELT DRIVE

**Robust, sturdy** belt drive with planetary gearbox.

**Consistently high throughput** even when one shaft stops thanks to asynchronous speed control.

**Ultimate reliability** with particularly durable components.

**Virtually maintenance-free** due to dirt-repellent pressure ventilation.



### 2. SMART ENERGY MANAGEMENT SYSTEM

**Maximum efficiency** made possible by Lindner's DEX (Dynamic Energy Exchange) actively recovering breaking energy during shaft reversing.

**Extremely productive** thanks to lightning-fast, software-controlled shaft reversing.

**For every environment** due to its ingeniously simple combination of tried-and-tested components.

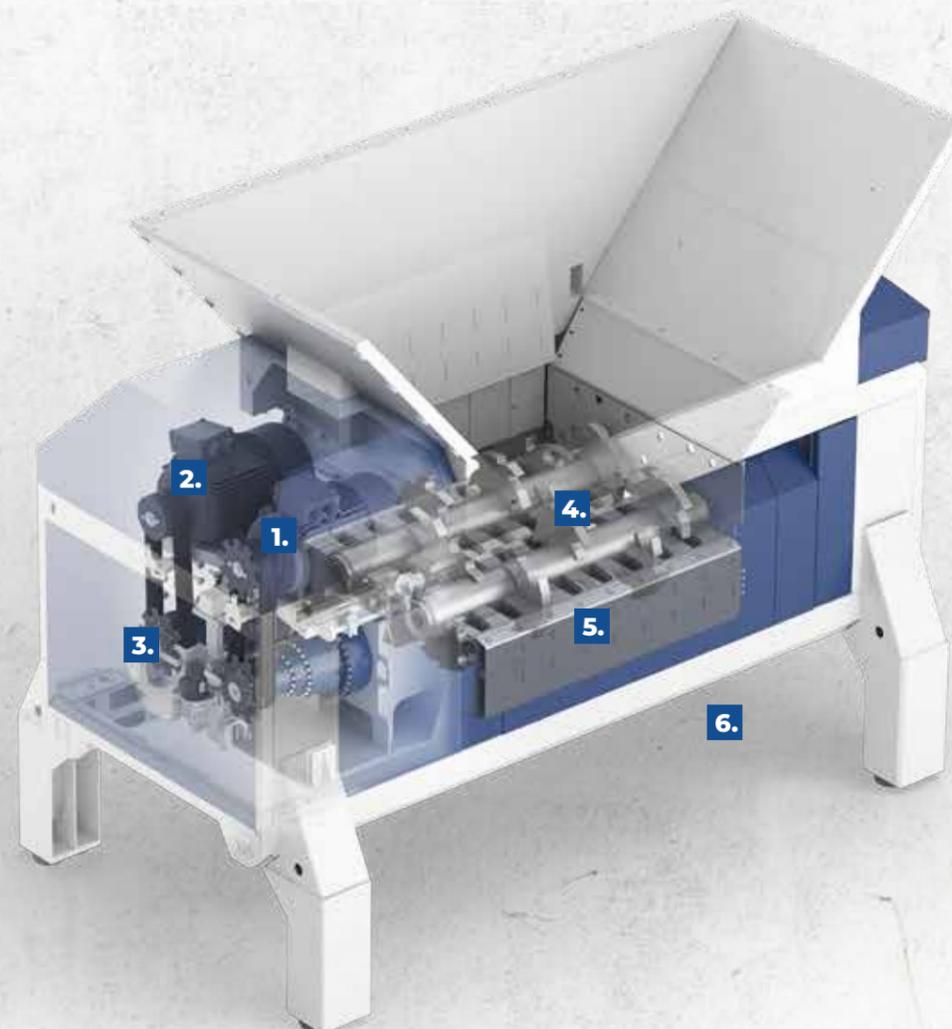


### 3. TORQUE-LIMITING SAFETY CLUTCH

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

**Flexible adjustability** to the input material.

**Secure power down** with our tried-and-tested sensors.



### 4. ROBUST TWIN-SHAFT CUTTING SYSTEM

**Consistently high throughput** thanks to effective shredding in both directions of rotation.

**Ideally sortable output material** with minimum fines due to the special geometry of the ripping shredding system.

**Maximum uptime** with slow-speed ripping shafts and the system's robust cutting frame design.



### 5. FX FAST EXCHANGE SYSTEM

**Optimum availability** thanks to the FX (Fast Exchange) system for exchanging the entire cutting unit or individual shafts for maintenance purposes.

**Easy removal of non-shreddables** thanks to generous access to the cutting chamber.

**Total safety** with the automatically locking maintenance door.



### 6. CONTROL & OPERATION

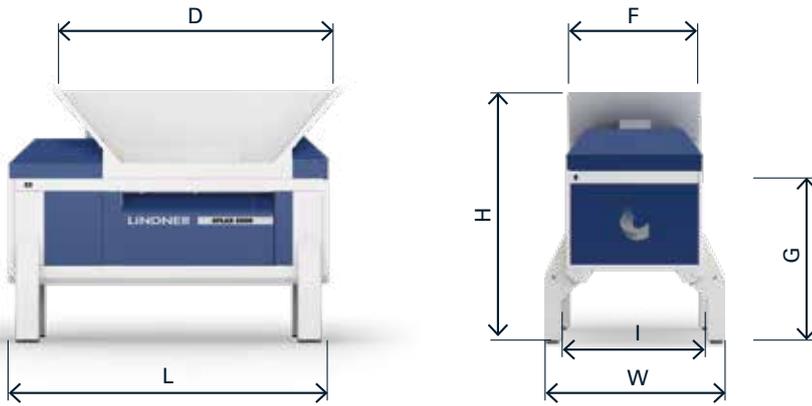
**Intuitive menu navigation** due to software functions automatically opening and closing depending on the task at hand.

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

**Super simple operation** of all shredder functions via remote control.



# TECHNICAL DATA



## ATLAS 5500 AS

### DIMENSIONS\*

Measure (LxWxH)	mm	6500 x 3440 x 5007
Hopper opening (DxF)	mm	5471 x 2280
Feeding height (G)	mm	3510
Hopper capacity	m <sup>3</sup>	18
Outlet width (I)	mm	1790
Weight	kg	35000

### CUTTING UNIT\*

Length	mm	2 x 2380
Speed	min <sup>-1</sup>	36
Standard tool		Asynchronous 2-shaft cutting unit AS 4.8

### 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



Hardfacing kit  
(shafts & frame)



Fire Prevention  
System



Machine Information  
System

## Lindner-Recyclingtech GmbH

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

[www.lindner.com](http://www.lindner.com)