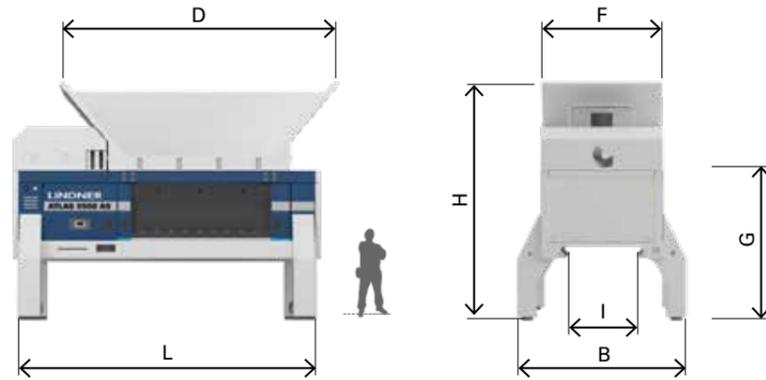


TECHNICAL DATA



ATLAS 5500 AS

DIMENSIONS*		
Measure (LxWxH)	mm	6150 x 3390 x 4810
Hopper opening (DxF)	mm	5470 x 2230
Feeding height (G)	mm	3310
Hopper capacity	m ³	18
Outlet width (I)	mm	1510
Total weight	kg	35000
CUTTING UNIT*		
Length	mm	2 x 2380
Speed	min ⁻¹	36
Standard tool		AS 4.8 AS 4.12.
DRIVE UNIT*		
Motor	kW	2 x 110
Frequency converter		✓

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



Water sprinkling system



Automated belt tensioning



Hardfacing kit (Shafts & frame)



Fire prevention system



Fast exchange system

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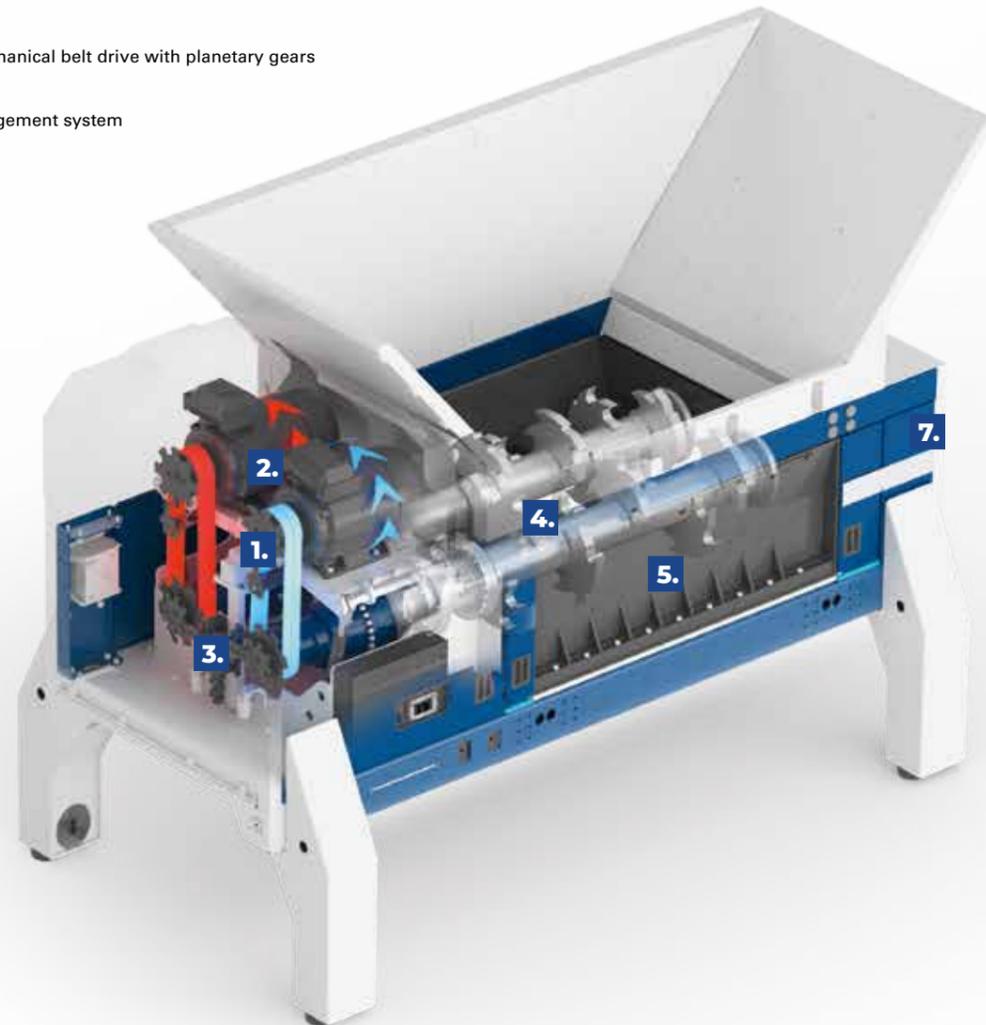
ATLAS 5500 AS STATIONARY PRIMARY SHREDDING

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 innovative FX fast exchange system, this shredder provides maximum uptimes and can be relied on to keep the line going.

- 1. Highly efficient electromechanical belt drive with planetary gears
- 2. DEX – Smart energy management system
- 3. Mechanical safety clutch
- 4. Twin-shaft cutting system
- 5. FX – Fast exchange system
- 6. Controlling & operation
- 7. Chassis



ASYNCHRONOUS TWIN-SHAFT CUTTING SYSTEM

The cutting system of the Atlas AS consists of two asynchronously running, fully welded rotors and a solid scraper unit. The asynchronous ripping (ripping apart, ripping up) at low speeds and high torque combined with the dynamic energy recovery enables:

- Aggressive material intake
- Continuous volume flow
- Highest productivity
- Ideal output material for sorting

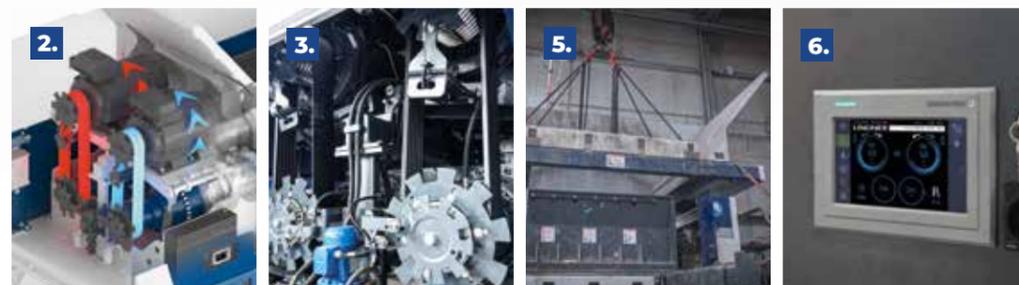
DRIVE UNIT WITH CONVENIENCE & MAINTENANCE FUNCTIONS (OPTIONAL)

Lindner's ATB – automatic belt tensioning system:

- Ensures optimum power transmission at all times
- Belt exchange using a hydraulic tensioning device
- Self and preventive monitoring

Compressed air ventilation drive unit:

- Protects the drive unit from dirt
- Significantly reduced maintenance activities
- With radial fan and self-cleaning function



Detailed product information, pictures, videos here:

