KNOWS NO MERCY.

ATLAS 5500 AS
STATIONARY PRIMARY SHREDDING
REALLY PACKS A PUNCH.

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 trouble-shooting with smart solution-finding and integrated FAQ database.
   Super simple operation of all shredder functions via remote control.

ONLY LINDNER CLIENTS CAN TRULY SAY:

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.
## TECHNICAL DATA

**ATLAS 5500 AS**

### DIMENSIONS*

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Measurement (LxWxH)</th>
<th>Hopper opening (DxF)</th>
<th>Feeding height (G)</th>
<th>Hopper capacity</th>
<th>Outlet width (I)</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measure (LxWxH)</td>
<td>mm 6500 x 3440 x 5007</td>
<td>mm 5471 x 2280</td>
<td>mm 3510</td>
<td>m³ 18</td>
<td>mm 1790</td>
<td>kg 35000</td>
</tr>
</tbody>
</table>

### CUTTING UNIT*

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Measurement (Length)</th>
<th>Speed (min⁻¹)</th>
<th>Standard tool</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>mm 2 x 2380</td>
<td>36</td>
<td>Asynchronous 2-shaft cutting unit</td>
</tr>
</tbody>
</table>

### DRIVE UNIT*

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Motor kW</th>
<th>Power control</th>
</tr>
</thead>
<tbody>
<tr>
<td>Motor</td>
<td>2 x 110</td>
<td>frequency converter</td>
</tr>
</tbody>
</table>

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

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Water sprinkling system

Hardfacing kit (shafts & frame)

Fire Prevention System

Machine Information System

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