ATLAS 5500 SY
STATIONARY PRIMARY SHREDDING

CHOPS WOOD TO PERFECTION.
EXTRACTS EVERY LAST PARTICLE.

1. HIGHLY EFFICIENT ELECTRIC BELT DRIVE
   - Robust, stable belt drive with planetary gearbox and synchronous stage.
   - Maximum potential with up to 40% higher efficiency compared to conventional drives.
   - Ultimate reliability with particularly durable components.
   - Virtually maintenance-free due to dirt-repellent pressure ventilation.

2. CONTROL & OPERATION
   - Intuitive menu navigation with 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.

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. SYNCHRON FINE (SF) CUTTING SYSTEM
   - Homogeneous output for subsequent process steps thanks to Lindner’s patented SF shaft design.
   - Low fine particle content of less than 5% thanks to combined cutting and crushing action.
   - High output due to the cutting system’s aggressive intake.

5. SYNCHRON ROUGH (SR) CUTTING SYSTEM
   - Optimum productivity thanks to the cutting system’s special geometry ideal for rough primary shredding for higher output and less fines.
   - Resistant to solid foreign objects such as iron mountings, screws, etc.
   - Maximum uptime due to the cutting unit’s robust design.

6. FX FAST EXCHANGE SYSTEM & MAINTENANCE
   - High availability thanks to the FX (Fast Exchange) system for exchanging the entire cutting unit for maintenance purposes.
   - Full flexibility to adjust to the desired output material due to quickly exchangeable shaft configurations.
   - Easy removal of non-shreddables thanks to generous access to the cutting chamber.

WOOD SHREDDING TO THE MAX: SOPHISTICATED ENGINEERING MEETS MAXIMUM EFFICIENCY

With its powerful electric belt drive and highly specialised cutting tools, Lindner’s twin-shaft primary shredder Atlas 5500 SY can turn any wood no matter the size into material that is perfectly prepared for subsequent processes, incineration or the material recycling of waste wood. 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. And it achieves all that with minimal operating costs, astonishing throughputs and full flexibility.
## TECHNICAL DATA

### ATLAS 5500 SY

#### DIMENSIONS*

<table>
<thead>
<tr>
<th>Measure (LxWxH)</th>
<th>mm</th>
<th>6500 x 3440 x 5007</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hopper opening (DxF)</td>
<td>mm</td>
<td>5471 x 2280</td>
</tr>
<tr>
<td>Feeding height (G)</td>
<td>mm</td>
<td>3210</td>
</tr>
<tr>
<td>Hopper capacity</td>
<td>m³</td>
<td>18</td>
</tr>
<tr>
<td>Outlet width (I)</td>
<td>mm</td>
<td>1560</td>
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<tr>
<td>Total weight</td>
<td>kg</td>
<td>38900</td>
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#### CUTTING UNIT*

<table>
<thead>
<tr>
<th>Length</th>
<th>mm</th>
<th>2 x 2380</th>
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<tbody>
<tr>
<td>Speed</td>
<td>min⁻¹</td>
<td>18</td>
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<tr>
<td>Standard tool</td>
<td></td>
<td>Synchronous 2-shaft cutting unit</td>
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<tr>
<td></td>
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<td>SF 10.10 / SR 8.10</td>
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#### DRIVE UNIT*

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<tr>
<th>Motor</th>
<th>kW</th>
<th>2 x 160</th>
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<tbody>
<tr>
<td>Power control</td>
<td>frequency converter</td>
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</table>

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