Motorised drum de-coilers
Pay-offs for metal, wooden or plastic drums

Our range of motorised de-coilers are designed for the controlled pay-off of extruded material from drums. They can work in-line or off-line.

The main benefits to the user are:
- Low tension de-coiling removes possibility of stretching or distorting the product being uncoiled.
- Small footprint - saves space in the factory.
- Lenze AC motor & drive for good speed control.
- Sonar loop control or integral tension speed control available.
- Optional easy-to-use controls via colour 101 mm (4") touch-screen panel.
- Different configurations available, including mobile & roll-on/roll-off.

Mode of Operation:
Powered drum de-coilers with tension control

Our motorised drum de-coilers provide an efficient method for unwinding material stored on a drum. The machines can be used off-line to provide product to a cutter. Or they can be used in-line to feed material through a cross-head die, for example.

The drum is driven on the rim via rollers powered by the integral Lenze AC motor drive.

The speed of the de-coiling is controlled either by a built-in tension control device or a free-standing sonar loop control unit. A manual speed override is provided for basic unsynchronised speed de-coiling. 0-10V or 4-20 mA analog reference signals are also available.

A variety of drums can be used on the de-coilers, including metal, wood & plastic. Please see the table below for drum weight limits. In the case of heavier drums a powered hoist or similar may be required to assist loading.

An optional 101 mm (4") full colour touch-screen panel is available. This allows full control over all de-coiler setting & operations.

The motorised drum de-coiler is available in two versions:
- Model V-5-M: Mobile machine (see photo right upper).
- Model V-6-RO: Roll-on/roll-off machine (see photo right lower).

Motorised de-coiler pay-off range:

<table>
<thead>
<tr>
<th>Model</th>
<th>Coil outer diameter (mm):</th>
<th>Coil width (mm):</th>
<th>Coil weight (Kg) - max²</th>
<th>Linespeed (m/min) - maximum³</th>
</tr>
</thead>
<tbody>
<tr>
<td>V-5-M</td>
<td>450 - 750</td>
<td>300 - 550</td>
<td>400</td>
<td>60</td>
</tr>
<tr>
<td>V-6-RO</td>
<td>600 - 1000</td>
<td>400 - 600</td>
<td>1000</td>
<td>50</td>
</tr>
</tbody>
</table>

¹ Specifications subject to change without notice. Please consult the factory for details of any changes.
² These are guide figures. Please check with us to ensure your exact weight is possible.
³ These are guide figures. Please check with us to ensure your exact speed is possible.

Motorised de-coiler datasheet - 12/2017

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