Roblon In-line Twisting System
Comprising the Roblon ACC1400 accumulator and a Roblon Tornado twister
For production of rope yarns
For production of baler twine
- Yarn is wound directly from an extruder on to the accumulator
- The twister removes the yarn from the accumulator
- Yarn continues to accumulate as the finished package is removed
- Production resumes

Key features
- Constant in-feed tension
- High, uniform package quality
- Knotless production
- No take-up winders required
- No pay-off creels required
- Saves man-hours
- Optimum efficiency
- Yarn is wound directly from an extruder on to the accumulator
- The twister removes the yarn from the accumulator
- Yarn continues to accumulate as the finished package is removed
- Production resumes
- Reduces waste
- Reduces number of yarn breaks

Roblon ACC1400 accumulator
- Overrun protection system
- Dancing arm for absorbing pulsations
- Warning signal upon yarn break
- Warning signal in event of overflow

Roblon Tornado two-for-one twisters
Precision cross-winding
Produce high-quality packages
Optional equipment: Roblon AD300 doffing robot
Optional equipment: Roblon AD300T doffing robot
In-line twisting system

**Roblon In-line Twisting System**

### Tornado twisters

<table>
<thead>
<tr>
<th></th>
<th>Tornado 250</th>
<th>Tornado 300</th>
<th>Tornado 400</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yarn range:</td>
<td>5,000-50,000 denier</td>
<td>10,000-100,000 denier</td>
<td>10,000-150,000 denier</td>
</tr>
<tr>
<td>Twists per metre:</td>
<td>20-202, S and Z</td>
<td>20-134, S and Z</td>
<td>12-78, S and Z</td>
</tr>
<tr>
<td>Flyer speed:</td>
<td>0-max. 4,000 rpm</td>
<td>0-max. 3,500 rpm</td>
<td>0-max. 2,500 rpm</td>
</tr>
<tr>
<td>Twists per minute:</td>
<td>Max. 8,000</td>
<td>Max. 7,000</td>
<td>Max. 5,000</td>
</tr>
<tr>
<td>Take-up</td>
<td>Max. Ø250 x 250 mm</td>
<td>Max. Ø300 x 300 mm</td>
<td>Max. Ø400 x 400 mm</td>
</tr>
<tr>
<td>Take-up, max. weight</td>
<td>Polypropylene 5.9 kg</td>
<td>Polypropylene 10.5 kg</td>
<td>Polypropylene 23 kg</td>
</tr>
</tbody>
</table>

### ACC1400 accumulator

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<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
<td>Yarn range:</td>
<td>5,000-100,000 denier</td>
</tr>
<tr>
<td>Yarn capacity:</td>
<td>Max. 1,400 m</td>
</tr>
<tr>
<td>Yarn speed:</td>
<td>Max. 200 m/min.</td>
</tr>
<tr>
<td>Motor:</td>
<td>Inverter drive 0.55 kW</td>
</tr>
<tr>
<td>Voltage:</td>
<td>Customized to meet customer requirements</td>
</tr>
</tbody>
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