2 independent sides: capability for working only one product on the whole machine, a different product on each side or the first and second twist simultaneously.

High Capacity: bobbins of up to 600 mm in height.

Maximum speed 150 m/min feed rate.

Twist quality: automatic self-control and adjustment system to ensure perfect twisting.

All the changes are made on the touchscreen.

Direct on-screen display and adjustment of all parameters.

Memory for up to 99 different products: the data for each product is stored in memory for fast repetition of any job.

Optional doffer and bobbin transport system.

Adaptation to the Customer supplied bobbins or the bobbins required for the following process, thus preventing rewinding.

Adaptation of any option available on the market.
## TECHNICAL FEATURES

<table>
<thead>
<tr>
<th>TECHNICAL FEATURES</th>
<th>units</th>
<th>TWP-n/120</th>
<th>TWP-n/140</th>
<th>TWP-n/160</th>
<th>TWP-n/180</th>
<th>TWP-n/200</th>
<th>TWP-n/220</th>
<th>TWP-n/250</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of spindles per module</td>
<td>---</td>
<td>14</td>
<td>14</td>
<td>12</td>
<td>10</td>
<td>10</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>Gauge</td>
<td>mm.</td>
<td>180</td>
<td>180</td>
<td>200</td>
<td>250</td>
<td>250</td>
<td>300</td>
<td>300</td>
</tr>
<tr>
<td>Ring diameter</td>
<td>mm.</td>
<td>120</td>
<td>140</td>
<td>160</td>
<td>180</td>
<td>200</td>
<td>220</td>
<td>250</td>
</tr>
<tr>
<td>Max. Number of spindles</td>
<td>---</td>
<td>280</td>
<td>280</td>
<td>240</td>
<td>200</td>
<td>200</td>
<td>160</td>
<td>160</td>
</tr>
<tr>
<td>Max. Mechanical feed speed</td>
<td>m/min.</td>
<td>7500</td>
<td>7500</td>
<td>7500</td>
<td>6500</td>
<td>6500</td>
<td>5500</td>
<td>5500</td>
</tr>
<tr>
<td>Machine dimensions</td>
<td>mm.</td>
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<td>180</td>
<td>120</td>
<td>280</td>
<td>7500</td>
<td>120</td>
<td>180</td>
</tr>
</tbody>
</table>

### Yarn

- Shape and dimensions of bobbins: Any kind of shape package
- Number of yarns to be plied: Unlimited
- Twist range: Any twist between 8 - 750

### FINAL BOBBIN

- Bobbin shape: Double flange, bottle, biconical. Adaptation to the customer bobbins.
- Max. Ring holder traverse: 600 mm
- Maximum capacity: 3.5, 4.5, 6.5, 12, 18, 28, 35 litres

### BOBBIN SHAPE

h, c: can be programmed

### BOBBIN BUILDING

The technology used in this product is protected by appropriate international patents.

### OPTIONS:

- TRAVERSE FEED: Increases front rollers livetime due to slow transversal movement while feeding
- UNI-OIL: Dosing control ring oil
- TWISTPERFECT: Perfect mechanical and electronical twist (PATENTED SYSTEM)
- INDIVIDUAL FRONT ROLLERS: Allows more flexibility in production
- DOFFING: Individual or global doffing system for heavy bobbins
- TWISTDATA: Remote control of production data through PC
- INTERNET CONNECTION: Service remote technical assistance
- SIMPLE TRANSMISSION: One motor two/four spindles for cost reduction

### ADDITIONAL COMPONENTS:

- CREEL: Special designs creels filé or roulé for all kind of bobbins according customer’s requirements
- TRAVELLERS: All type of travellers available
- BOBBINS: All type of bobbins, tubes, spools and doubé flanged bobbins available
- RING OIL: Lubricating oils for rings and other components
- YARN BREAK DETECTORS: Different types of yarn break detectors available
- YARN TENSION CONTROL: Different types of yarn tension detectors available
- COVERING AND WRAPPING DEVICES: Special accessories for coating interior alms
- COPLIFTER: Special doffing device for textile spinning tubes