VERSÁ-S/C/A Technical specifications

- Machine model: Versa Winder
- Spindle gauge: 400 mm (500 mm in case assembly winding 3 ply and above)
- Count range: 6 to 120 Ne
- Type of yarn: Natural and synthetic spun yarn
- Package destination: Dyeing/final cone/twisting
- Power supply: 435V, 3 phase, 3/3+N+G

Machine dimensions

<table>
<thead>
<tr>
<th>No. of spindles</th>
<th>6</th>
<th>12</th>
<th>18</th>
<th>24</th>
<th>30</th>
<th>36</th>
<th>42</th>
<th>48</th>
<th>54</th>
<th>60</th>
<th>66</th>
<th>72</th>
<th>78</th>
<th>84</th>
<th>90</th>
<th>96</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length (F=1200)</td>
<td>1835</td>
<td>3670</td>
<td>5505</td>
<td>7340</td>
<td>9175</td>
<td>10910</td>
<td>12745</td>
<td>14580</td>
<td>16415</td>
<td>18250</td>
<td>19985</td>
<td>21820</td>
<td>23555</td>
<td>25290</td>
<td>27025</td>
<td>28760</td>
</tr>
<tr>
<td>Width in mm</td>
<td>1160 mm (Versa-A), 1250 mm (Versa-S &amp; C), 1310 mm</td>
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<tr>
<td>Height in mm</td>
<td>2200</td>
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</tbody>
</table>

Machine arrangement

- Single / Double sided
- Type of winding: Random winding
- Winding speed: 1200 m/min (depending on process parameters)
- Package destination: Dyeing/final cone/twisting
- Produce package type: Travelling
- Produce package dia: Dia 220 mm
- Package type: Dye spring, perforated cylindrical/conical tube/cheese

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Perfect Soft/Cone/Assembly Winding VERSA-S/C/A
Staple fibre yarns.
Versa Winder

The Versa Winder is a double sided high speed versatile drum winding machine, designed for soft package winding, cheese / cone winding as well as assembly winding as per model.

**VERSIA-C** is mainly used to produce hard wound packages for different applications. Machine is suitable to wind 9° 0´ cylindrical package and 3° 30´ to 5° 57´ cone package.

**VERSIA-S** is suitable for producing soft and uniform density dye packages on dye spring or perforated dye tubes. It is equipped with centrally driven, adjustable shogging motion (lateral displacement) device for soft edges. The accelerating pressure reduction on the package compensates increasing pressure of the package on the drum with increasing diameter and results into uniform density and shape of the packages.

**VERSIA-A** parallel assembly winder is equipped with integral creel from two ply to four ply. Each ply has individual yarn sensor and pre-tension device. High efficiency magnetic cutter to prevent hard waste. This machine is suitable for producing cylindrical and conical high dense packages for different applications.

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### Salient features

- Individual spindle drive
- One inverter for a group of 18 spindles
- Individual length measuring
- Electronic anti-patterning
- Motorized tension device
- Motorized waxing device

### Outstanding features

**Versa-A**

- Cutter
- Individual sensor for each ply
- Pretensioner for each ply

**Versa-C**

- Take up package
- Traverse drum
- Visual display of yarn break and full doff
- Motorized waxing device
- Motorized numbering tension device

**Versa-S**

- Overfeed device
- Motorized numbering tension device

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### Smart controller

All spindle functions are monitored and controlled by the microprocessor based system which has features like:

- High definition colour LCD, Touch screen 10"
- Individual/group wise speed & length setting
- Storage of last 50 shift’s data
- Density calculation software
- Individual spindle maintenance mode

### Optional Features

- Overhead travelling blower
- Splicer unit