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kayttadir: / являются зарегистрированными товарными знаками, принадлежащими компании;

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Technical Assistance: ferberassistenza@giobbeautomation.com
A tangential automatic on-loom winder, at the lower front of the weaving machine, is the ideal solution for winding small cloth rolls up to 420 mm diameter, without changing external weaving machine dimensions. Electronic "ON-OFF" permit the management of all the winding functions safety and automatically. Cloth roll doffing is very simple, even in narrow aisles.

Special versions with Inverter drive are available
Special versions with Electronic load cell are available

<table>
<thead>
<tr>
<th>Fabric width</th>
<th>From 1800 mm</th>
<th>To 5400 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. cloth roll diameter</td>
<td>420 mm</td>
<td></td>
</tr>
<tr>
<td>Max. weight capacity</td>
<td>500 Kg</td>
<td></td>
</tr>
</tbody>
</table>
ES 03 basic  

Tangential automatic cloth roll take-up devices to wind large cloth rolls at the weaving machine. The standard model controls fabric tension by means of an elastic compensator and microswitches for starting and stopping. An exceptional range of accessories permits a versatile winder for an extensive variety of cloth styles.

<table>
<thead>
<tr>
<th></th>
<th>From 1800 mm</th>
<th>To 5400 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fabric width</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max. cloth roll diameter</td>
<td>1000 mm</td>
<td>To 1400 mm</td>
</tr>
<tr>
<td>Max. weight capacity</td>
<td>2000 Kg</td>
<td></td>
</tr>
</tbody>
</table>
Tangential automatic cloth roll take-up devices to wind large cloth rolls at the weaving machine. The winder controls fabric tension by means of an electronic continuous regulator with Inverter driven motor. An exceptional range of accessories permits a versatile winder for an extensive variety of cloth styles.

<table>
<thead>
<tr>
<th>Fabric width</th>
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<tbody>
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<td>1000 mm</td>
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</tr>
<tr>
<td>Max. weight capacity</td>
<td>2000 Kg</td>
<td></td>
</tr>
</tbody>
</table>
Tangential automatic cloth roll take-up devices to wind large cloth rolls at the weaving machine. The winder controls fabric tension by means of a continuous and accurate electronic regulator by load cells, master encoder input & output.

- programmable inputs for speed reference and torque control
- programmable inputs for load cell, analogic sensor and potentiometer
- EEPROM for configuration parameters backup
- display monitor
- predisposed for having keyboard and display remote-controlled
- communication protocol for PC, Profibus, Canbus, Ethernet

An exceptional range of accessories permits a versatile winder for an extensive variety of cloth styles.

<table>
<thead>
<tr>
<th>Fabric width</th>
<th>From 1800 mm</th>
<th>To 5400 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. cloth roll diameter</td>
<td>1000 mm</td>
<td>To 1400 mm</td>
</tr>
<tr>
<td>Max. weight capacity</td>
<td>2000 Kg</td>
<td></td>
</tr>
</tbody>
</table>
ES 03 tangential

with fabric inspection table and/or automatic fabric roll ejection

<table>
<thead>
<tr>
<th>Fabric width</th>
<th>From 1800 mm</th>
<th>To 5400 mm</th>
</tr>
</thead>
</table>
ES 63

tangential

Tangential automatic cloth roll take-up devices to wind large cloth rolls at the weaving machine, with fabric edges overlapping system. Forward/reward alternated movement system for alternative overlapping of selvage, with variable stroke and adjustable linkwork connected to the wrapping transmission. The lap machine is supported by support bearings on guides to be ground fixed.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fabric width</td>
<td>From 1800 mm To 5400 mm</td>
</tr>
<tr>
<td>Max. cloth roll diameter</td>
<td>1000 mm To 1400 mm</td>
</tr>
<tr>
<td>Max. weight capacity</td>
<td>2000 Kg</td>
</tr>
</tbody>
</table>
ES 63 M

Tangential automatic cloth roll take-up devices to wind large cloth rolls at the weaving machine where the fabric tension and the weight are high.

<table>
<thead>
<tr>
<th>Feature</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fabric width</td>
<td>From 1800 mm</td>
</tr>
<tr>
<td>Max. cloth roll diameter</td>
<td>1000 mm</td>
</tr>
<tr>
<td>Max. weight capacity</td>
<td>From 2000 Kg</td>
</tr>
</tbody>
</table>
ES 64  

Tangential automatic cloth roll take-up devices, diameter of the winding cylinders 220 mm, to wind large cloth rolls at the weaving machine where the fabric tension and the weight are high.

-Curved bar for cloth extension

<table>
<thead>
<tr>
<th></th>
<th>From 1800 mm</th>
<th>To 5400 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. cloth roll diameter</td>
<td>1000 mm</td>
<td>To 1500 mm</td>
</tr>
<tr>
<td>Max. weight capacity</td>
<td>3000 Kg</td>
<td></td>
</tr>
</tbody>
</table>
Tangential automatic cloth roll take-up devices, diameter of the winding cylinders 190 mm, to wind large cloth rolls at the weaving machine.

ACC 03 batching motions are the ideal solution for those who aim at inspecting all the fabric, winding it in big rolls. A first step consists in receiving the fabric directly from the loom and storing it in a special device. Then, under an operator’s control, let it go through a lighted table to inspect it and finally wind it in rolls with up to 1200 mm diameter.

<table>
<thead>
<tr>
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<th>From 1800 mm</th>
<th>To 5400 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. cloth roll diameter</td>
<td>1000 mm</td>
<td>To 1200 mm</td>
</tr>
<tr>
<td>Max. weight capacity</td>
<td>1500 Kg</td>
<td></td>
</tr>
</tbody>
</table>

ACC 03
TSV 05  

Fabric width: From 1800 mm to 5400 mm
Max. cloth roll Ø: 1000 mm to 1200 mm
Weight capacity: 2000 Kg
Batching motion for technical fabrics with whole winding tension control. Integrated control panel with setting recording option for each article which is being proceeded. Accessories for the fabric inspection and control are available

<table>
<thead>
<tr>
<th>Fabric width</th>
<th>From 1800 mm</th>
<th>To 2800 mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. cloth roll Ø</td>
<td>1000 mm</td>
<td></td>
</tr>
<tr>
<td>Weight capacity</td>
<td>2000 Kg</td>
<td></td>
</tr>
</tbody>
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Batching motion for technical fabrics with whole winding tension control.

Accessories for the fabric inspection and control are available.

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<tbody>
<tr>
<td>Max. cloth roll Ø</td>
<td>1000 mm</td>
<td></td>
</tr>
<tr>
<td>Weight capacity</td>
<td>2000 Kg</td>
<td></td>
</tr>
</tbody>
</table>
AS 01

Fabric width: From 1800 mm to 2500 mm
Max. cloth roll Ø: 1000 mm
Weight capacity: 2000 Kg

Table Light with LED technology

A frame moved by FERBER TRS truck