WARPMATIC

Automatic Warp Tying Machine

The WARPMATIC warp tying machine is highly advanced machine designed for universal use in warp changing. Targeted at improving labour efficiency & productivity, it is quick to set up, easy to operate, and reliably ties wide range of standard yarns.

Special features allow tying of single knots, double knots, or both. Additionally, repeat programming allows tying of colored warps. The display shows ideal operating parameters including number of knots completed. A special preventive feature ensures that the machine stops in case of 3 ineffective knots.

MAIN BENEFITS OF AUTOMATED WARP KNOTTING WITH WARPMATIC

**Productivity**
+ Quick & Easy warp preparation on the tying frame
+ Reliable knot formation even at high tying speed
+ Perfect drawing of warp threads through the weaving harness

**Flexibility**
+ Wide range of staple fibers and filament yarns can be tied with minimal adjustments.
+ Can deliver single or double knots quickly & easily as per demands of warp yarn.
+ Suitable for warps with or without regular or irregular lease in upper or lower sheet, single or multi-color, depending on yarn types.

**Quality**
+ Smart detection system of WARPMATIC can identify double thread operating in warps with or without lease
+ Reduction in double threads & redirected warp threads enable high efficiency & productivity of the weaving machine.
HIGHLIGHTS

- Maximum speeds of up to 600 knots/minute
- Precision BLDC motors emit low noise
- LCD line display shows quantity of knots
- Automatically stops working in case of 3 failed knots
- Freely adjust knots of Warp with different patterns

TECHNICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>WARPMATIC</th>
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</thead>
<tbody>
<tr>
<td>Type</td>
<td>Automatic Warp Knotting Machine with Tying Frame</td>
</tr>
<tr>
<td>Application Yarn Type</td>
<td>Spun, Silk, Worsted, Filament, Viscose Rayon, Glassfiber, Aramid</td>
</tr>
<tr>
<td>Application Count Range</td>
<td>100s - 2s Ne ; 20 - 4000 Denier</td>
</tr>
<tr>
<td>Available Widths</td>
<td>1.0m , 1.8m , 2.0m , 2.3m , 2.5m , 3.0m , 3.5m , 3.8m</td>
</tr>
<tr>
<td>Knotting / Tying Type</td>
<td>a) Warp without lease to new warp without lease b) Warp without lease to new warp with lease c) Warp with lease to new warp without lease d) Warp with lease to new warp with lease</td>
</tr>
<tr>
<td>Knotting / Tying Speed</td>
<td>Max. 600 knots/min (Mechanical)</td>
</tr>
<tr>
<td>Power</td>
<td>0.2 kW (Connected)</td>
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CONTACT

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