

# PINWHEEL WEFTSTRAIGHTNER



**Bianco® Weftstraighteners** include several types of machine for correcting fabric distortion in various finishing processes.

**Bianco® Weftstraighteners family includes:**

- Bianco® STC2 Cylinder Weftstraightner
- Miniweftstraightner
- Bianco® Pinwheel Weftstraightner
- Bianco® SP15 BIG Pinwheel Weftstraightner
- Bianco® SP15 MINI Pinwheel Weftstraightner
- Bianco® Kombi



## PINWHEEL

**Bianco® Pinwheel Weftstraightener** is used for fabrics with sinusoidal weft distortions not easily correctable with conventional cylinder straighteners. It uses two idle large diameter (800 mm) wheels with pins, which exert tension on the running fabric, rotating and inclinating independently. The fabric is caught by the pins and the traction of the wheels brings the weft into the correct position. Not recommended for knitted fabrics.

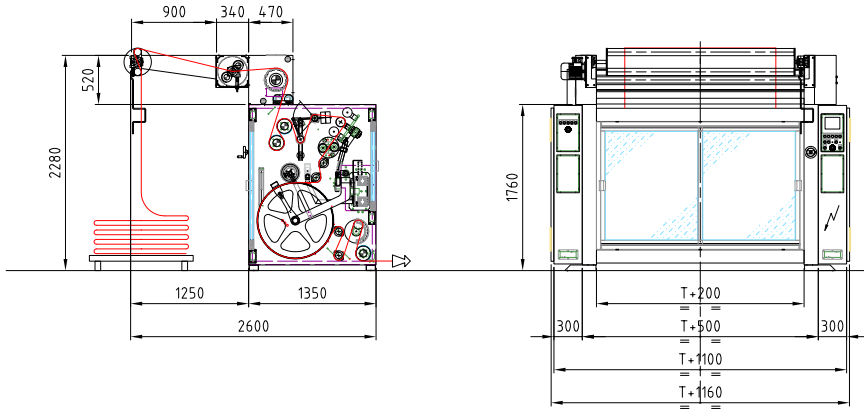
<b>overall dimensions L x H x W</b>	2600 x 2280 x (RW+1160) mm weight 1600Kg
<b>material</b>	carbon steel
<b>color on painted steel</b>	RAL 7021 for the structure RAL 9006 for side doors
<b>rollers width</b>	from 2200 mm to 3200 mm
<b>fabric width</b>	from 1800mm to 2800 mm
<b>longitudinal pull control</b>	by mean of oscillating compensator
<b>transvers pull control</b>	continuosly adjustable
<b>pinned wheels diameter</b>	800 mm
<b>bow roller</b>	Ø 120 mm
<b>deflection of bow roller</b>	3%
<b>max bow correction</b>	180°
<b>max mechanical speed</b>	up to 120 m/min
<b>speed compensator</b>	with variable weight
<b>voltage</b>	standard 3x400VAC-50Hz or others on request
<b>installed power</b>	6 kW
<b>motorization</b>	AC controlled by inverter
<b>ambient temperature</b>	from 0° to + 55°
<b>noise</b>	<75 dB(A)
<b>operator pannel</b>	Schneider color touch-screen
<b>control PLC</b>	Schneider
<b>teleservice</b>	optional



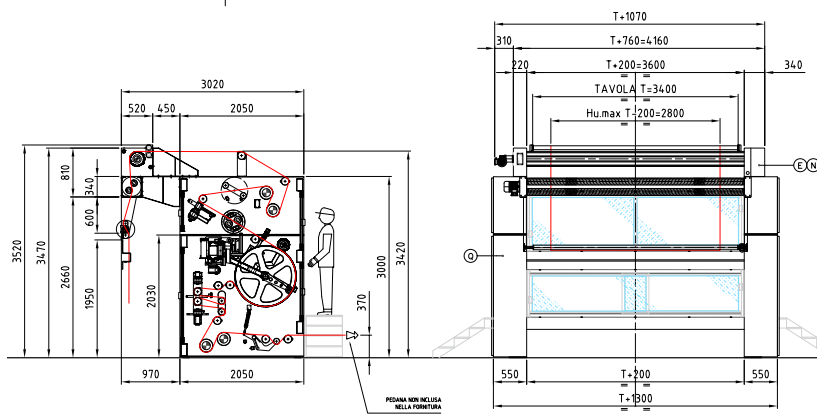
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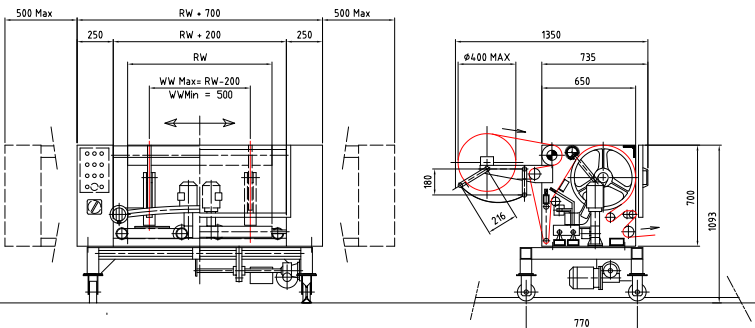
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Bianco® SP15 Pinwheel Weftstraightener



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