



# KOMBI WEFTSTRAIGHTNER

Machines for correcting the fabric distortions.



## KOMBI WEFTSTRAIGHTNER

Machine for correction of distortions in diagonal, curved and sinusoidal plots.

<b>overall dimensions L x H x W</b>	1350 x 3000 x (RW+1160) mm weight 3000kg
<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>	continuously adjustable
<b>pinned wheels diameter</b>	800 mm
<b>skew rollers number</b>	2 Ø 114 mm
<b>bow roller number</b>	2 Ø 120 mm
<b>deflection of bow rollers</b>	MDC 3% FDC 2,5%
<b>max skew correction</b>	stroke 240 mm +/-120
<b>max bow correction</b>	stroke 120°
<b>max skew speed</b>	25 mm/sec
<b>max mechanical speed</b>	up to 120 m/min
<b>max fabric tension</b>	4kN standard version 8kN reinforced version
<b>voltage</b>	standard 3x400 VAC – 50 Hz or others on request
<b>installed power</b>	10 kW
<b>motorization</b>	AC controlled by inverter
<b>speed compensator</b>	with variable weight (fabrics <50 g/sqm) adjustable through program
<b>reading heads</b>	STD2 (Smart Thread Detector 2)
<b>analyses per minute</b>	600÷1800 using reflected light and pulsing light simultaneously
<b>light sources</b>	2 high power illuminators with pulsing infrared light, used simultaneously for illumination with reflected light and pulsing light
<b>no. heads in standard reading unit nr. teste</b>	from 2 to 14 STD3 sensors connected via serial line to electric panel
<b>no. heads in oscillating reading unit (option)</b>	1 or 2 SCS1 sensors connected via serial line to electric panel
<b>operator pannel</b>	color touch-screen
<b>control</b>	PLC
<b>user interfaces</b>	VDTEX 15" touch with LinVDTEX system and LinPRINTER
<b>ambient temperature</b>	from 0° to + 55° (optional a/c for electrical cabinet)
<b>noise</b>	<75 dB(A)



www.bianco-spa.com

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