OPTICAL WEFTSTRAIGHTNER

Machines for correcting the fabric distortions.

REMOTE ASSISTANCE
READY FOR 4.0

OPTICAL WEFTSTRAIGHTNER

Machine used to correct diagonal and/or curved weft distortions.

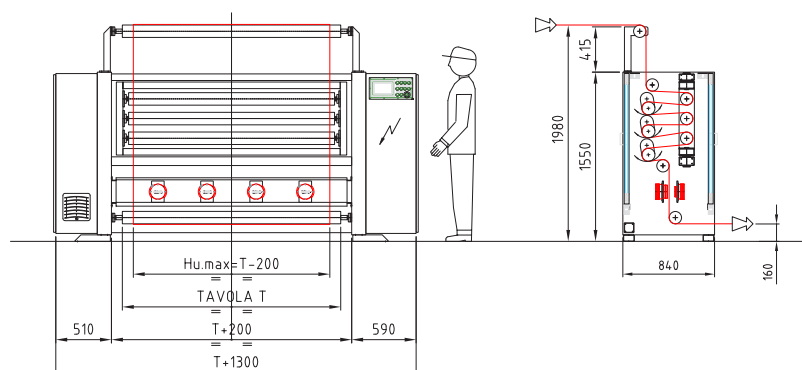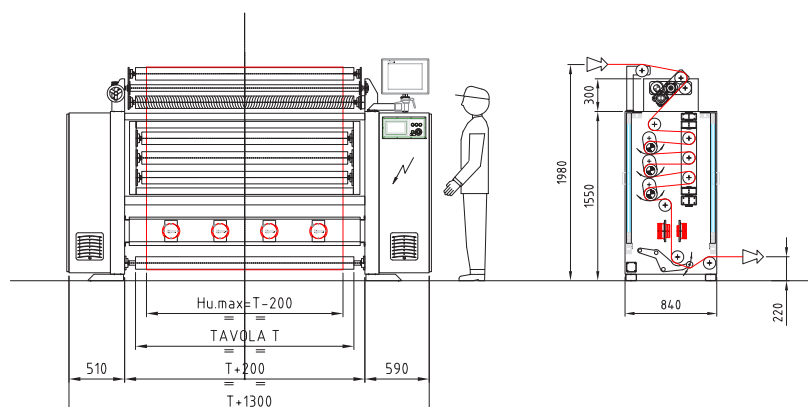|	
overall dimensions L x H x W	1550 x 840 x (RW+1320) mm weight 1500Kg
material	carbon steel or stainless steel (optional)
color on painted steel	RAL 7021 for the structure RAL 9006 for side doors
max rollers width	3600 mm ou 5700 mm
max fabric width	3400 mm ou 5500 mm
skew rollers number	3 Ø 114 mm (heavy rollers optional)
bow roller number	2 / 3 Ø 120 mm
deflection of bow rollers	MDC 3% FDC 2,5%
max skew correction	stroke 240 mm +/-120
max bow correction	stroke 120°
max skew speed	25 mm/sec
minimum skew displacement time	9sec
max bow speed	9°/sec
minimum bow displacement time	13 sec
max speed of MDC model bow roller drive	up to 150 m/min
max speed of FDC model free bow roller	up to 250m/min
max fabric tension	4kN standard version 8KN reinforced version
voltage	standard 3x400 VAC – 50 Hz or others on request
installed power	6 Kw
motorization	AC controlled by inverter
speed compensator	with variable weight (fabrics <50 g/sqm) adjustable through program
reading heads	STD3 (Smart Thread Detector 3)
analyses per minute	600÷1800 using reflected light and pulsing light simultaneously
light sources	2 high power illuminators with pulsing infrared light, used simultaneously for illumination withreflected light and pulsing light
no. heads in standard reading unit nr. teste	from 2 to 14 STD3 sensors connected via serial line to electric panel
no. heads in oscillating reading unit (option)	1 or 2 SCS1 sensors connected via serial line to electric panel
user interfaces	VDTEX 15'' touch with LinVDTEX system and LinPRINTER
ambient temperature	from 0° to + 55° (optional a/c for electrical cabinet)
noise	<75 dB(A)

CONFIGURATIONS
(RDT-STC2-FDC basic model)

- bow rollers 2
- fixed bridge
- reading heads in reflection STD2 (SINGLE SCAN)
- graphic op pannel OP7
- AC motors controlled through inverter
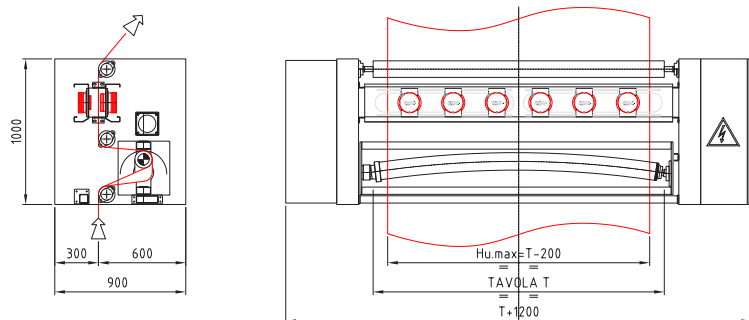
OPTIONALS

- additional bow roller
- mobile reading bridge or scanning reading bridge
- reading heads + projectors reflection and transparency STD2 (TWIN SCAN)
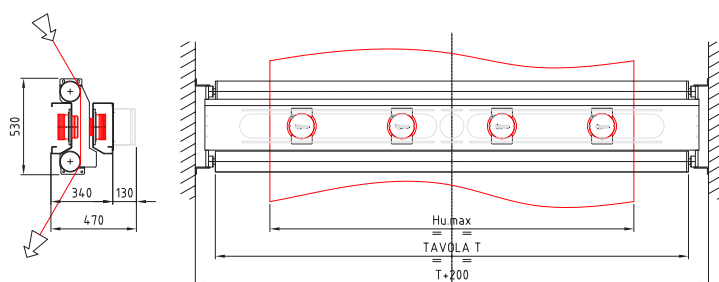- operator pannel 15 "touchscreen LinVDTEX

Bianco® Optical Weftstraightener FDC

Bianco® Optical Weftstraightener MDC

Bianco® Miniweftstraightener

Bianco® Reading Bridge