

合纤织物
天然纤维织物
炭纤维织物
Synthetic fabrics
Natural fibers fabrics
Carbon fabrics

Tessuti sintetici
Tessuti fibre naturali
Tessuti in carbonio

技术织物织机
macchine per
la produzione
di tessuti tecnici

weaving machines for the production of technical fabrics

TRINCA®

macchine per
weaving machines for the production of technical fabrics la produzione
di tessuti tecnici
技术织物织机



LA STORIA
回眸 history

特意佳 (TRINCA) 公司成立於1940年,现已成为研发和制造技术用布织机及其多项专用设备的首要厂家.数十年来专注技术用布织机研发生产所沉淀来的丰厚坚实经验,加上可持续发展的战略投资计划,高层次技术和建设,造就我们在欧洲和世界各地的成功和广泛的增加销售量.目前特意佳 (TRINCA) 产品范围:全电子驱动的织机, 客户现有织机改造套件.技术用布织造特殊装置,如新型经轴装置,预卷纬机,布边焊接装置和12色选纬装置等等..

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The TRINCA Company was established in 1940 and is now a leader in the production of weaving machines and many types of special equipment for technical fabrics.

A wide investment programme together with the high level of construction technologies developed over years, has contributed to the success and increased sales all over Europe and the World.

Currently the TRINCA production has achieved: completely electronically driven weaving machines, conversion kits for existing looms and weaving equipment for technical fabrics such as new warping devices, weft prespoolers, edge welding devices and a 12-colour weft change.

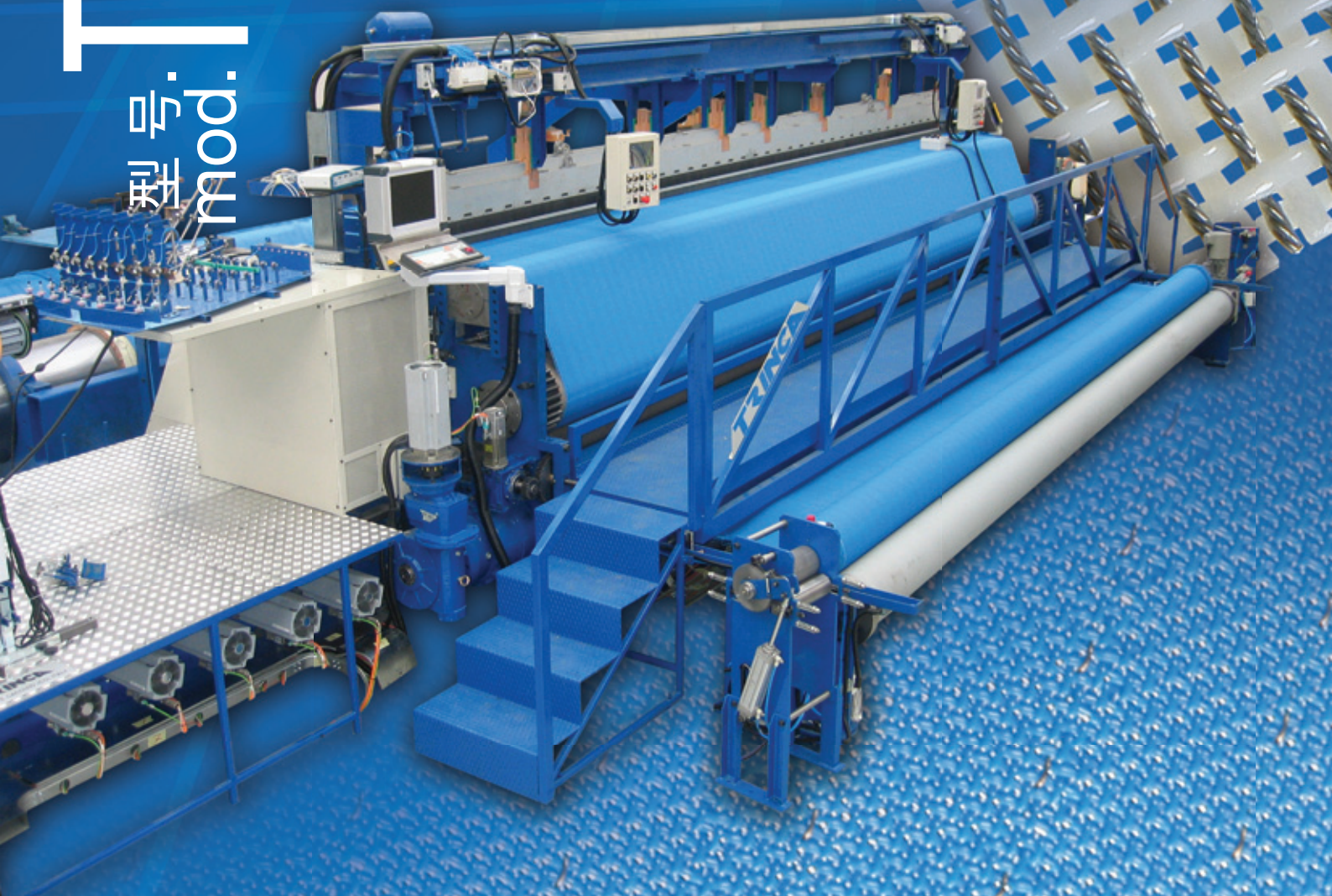
TRINCA®

T.2N.10E/PS

型号:
mod.

TRINCA®

意大利 特意佳



型号 T.2N.10E/PS mod.

超负载型技术用布织机 • Looms of weaving heaviest technical fabrics

特意佳创新的 T.2N.E/PS 系列织机是专门为超重型技术用布设计,研发和构建,织造幅宽度为 12 米及以上.

该 T.2N.E/PS 系列融汇现今最前沿的技术,对超重型技术用布织造可达到的高速和高打纬效果,目前市场上无其他织机可匹敌.以下各个独特性能成就 T.2N.E/PS 系列作为通用型,多功能广领域织机,用于织造金属丝网,产业技术用布,多层结构的传送带,建筑用布,过滤用布,和造纸产业用毯,成型网,干网等等..



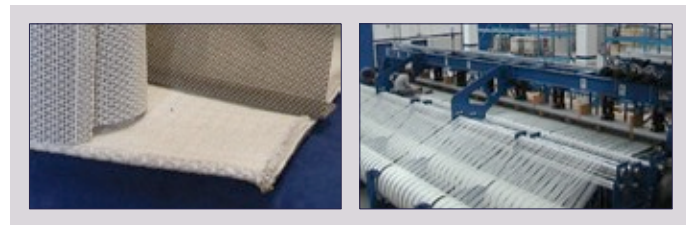
The new TRINCA loom series type T.2N.E/PS is designed, developed and manufactured to satisfy the production requirements of weaving heaviest technical fabrics with 12 meter loom width and more. The manufacturing program

of the loom series T.2N.E/PS includes all advanced and latest technologies presently available to produce extremely heavy fabrics at high speed and with a power performance which can be reached only with difficulty by other weaving machines on the market at the present time.

Following parts and equipment makes the weaving machine series type T.2N.E/PS to be a universal, multipurpose loom, suitable to weave metal wire fabrics, as well as technical industrial fabrics, multilayer fabrics for transport belts, fabrics for architectonic application, filters, felts, forming and dryer fabrics for the papermaking process.

- 专利的引纬系统: 由 2 个伺服电机驱动的宽剑杆
- 笄座: 由油浴槽内共轭互补凸轮驱动,打纬时处于开口停顿时段
- 3 罗拉控制和卷布装置
- 直接式布张力和卷布装置,经单 1 滚动条
- 机外架式卷布装置
- 织机所有控制,调节和同步的功能均由个人计算机作电子操控
- 可提供 1 至 10 个经轴,每个经轴均由独立伺服电机作单独控制
- 特意佳电子开口,每页棕框均由独立的伺服电机控制,可高达 56 页棕.每页棕框的开口调节均可经键盘个别细致的定义
- 可经键盘定义为开式或闭式开口织造
- 模块化高强钢支撑织机
电子控制引纬和选色,多达 12 色

- Weft insertion system (patented) with 2 servomotor driver brandrapiers
- Sley driven by complementary cams, running in oilbath, with a standstill during the beat-up
- 3-roller fabric tensioning and upwinding device
- Direct fabric tensioning and upwinding device with only one take-up beam
- Fabric upwinding device standing outside the loom
- Electronic loom control, regulation and synchronizing of all operating functions by a PC
- Control from one and up to ten in-line running warpbeams, with separate and synchronized tension control, each single warpbeam controlled and driver by a servomotor
- The electronically (by separate servomotors) driven TRINCA dobby, suitable up to 56 heddle-frames, with possibility to control and adjust each single frame by the keyboard
- Weaving possibility with open and closed shed is set by the keyboard
- Modular, very strong steel supporting structure of the loom
- Electronically controlled weft feeding and colour change device, suitable up to 12 colours



技术参数:

线径: 0.10 毫米 - 2.00 毫米

纱线原料: 合成纤维, 不锈钢, 高强碳钢, 高含量合金, 天然纤维.

Technical features:

Wire diameter: from 0,10 mm. up to 2,00 mm.

Suitable for weaving following materials: synthetic yarns, stainless steel, high tensile carbon steel, high content alloys, natural fibers

织造速度调节 Weaving speed adjustable from	0 - 100	0 - 110	0 - 120	0 - 140	0 - 150	0 - 160
最大打纬力 十牛顿/米 Maximum beat-up power d N/m	6.500	6.500	8.000	9.000	9.000	9.000
织造幅宽 毫米 Weaving width (mm.)	14.000	12.000	8.000	6.000	5.000	4.000

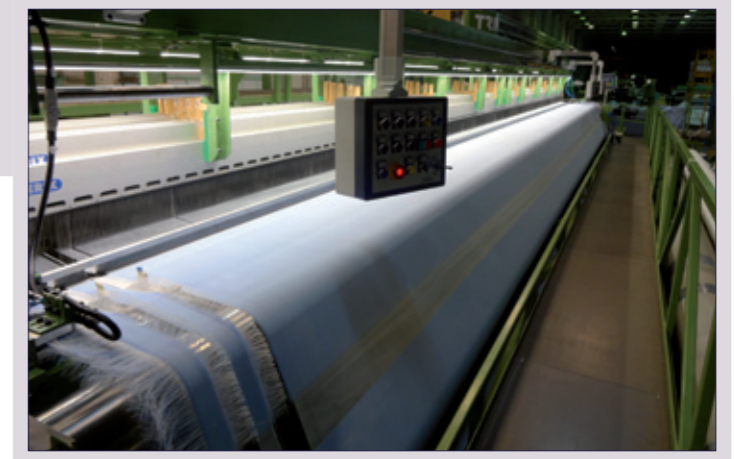
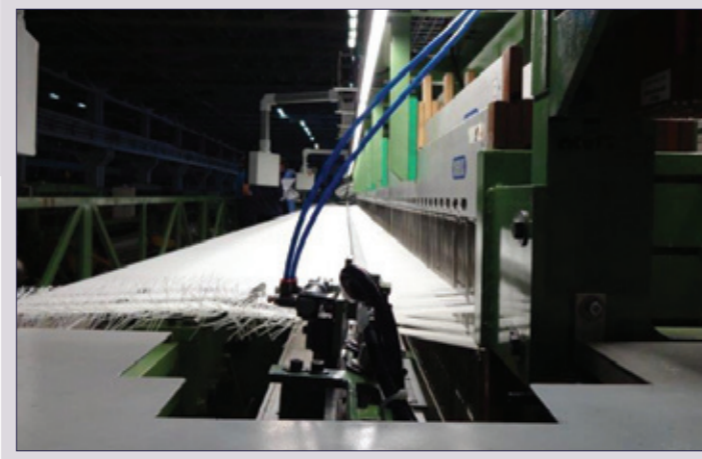
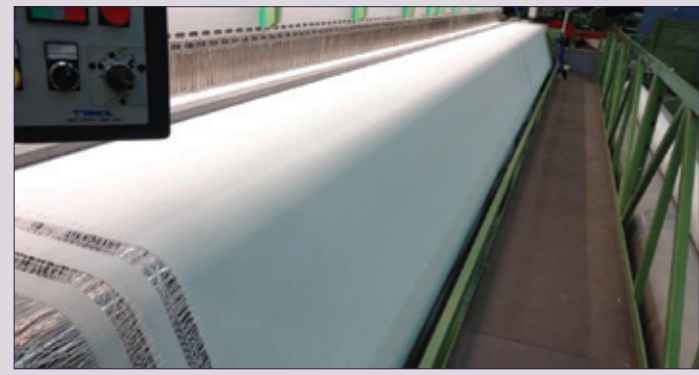
T.20.10E-PS
11250

型号:
mod.

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机器冠名阐述:

- T = 技术织物织机
- 2N = 2 剑杆引纬 带导勾伺服马达驱动
- 10E = 凸轮组
- PS = 超重负荷型结构
- 11750 = 织造幅宽(可根据要求定制种门幅)

Explanation of the loom type letters and numbers:

- T = loom suitable for weaving technical fabrics
- 2N = weft insertion system with 2 band rapiers, controlled and driven by servomotors by guide hooks
- 10E = number of mounted slay driving cam groups
- PS = heavy loom supporting structure
- 11750 = weaving width (on request be possible all weaving width)

技术参数:

- 8色选纬,伺服马达驱动;
- 织造幅宽达:11750 毫米 (可根据要求定制各种门);
- 最小织造幅宽: 3000 毫米;
- 速度可调: 5-90 转/分钟;
- 打(卡)纬力: 65000 牛顿/米;
- 首轴张力: 65000 牛顿/米;
- 次轴张力: 35000 牛顿/米;
- 纱密: 4-100/厘米;
- 纱径: 0.13-1.20 毫米;
- 经纱张力4位置控制;
- **张力控制系统 特意佳 CTT-8** 伺服电机驱动配置:
- 最大/小纬纱张力设定,按cN调节,储存每纬张力,并据纬缩调教每打纬张力;
- 可选全幅(特意佳专利)边撑或侧边撑;
- 伺服机电驱动 左右锁边装置;
- 2 组罐式送经, 伺服电机驱动;
- 3 罗拉网布卷取系统, 电脑调控中央罗拉;
- 1 组 3 罗拉网布直接卷取系统特意佳专利;
- 伺服电机驱动电脑操控罗拉位置补偿系统;

电子旋转式多臂机 意佳型号.R.E.Rz

多臂机阐述:

- R = 多臂机
- E = 电子式
- R = 旋转式

提综杆2至52页

配置有:

- 多臂机运行由织机主电脑控制;
- 开口方式: 开式开口和闭式开口 经由个人电脑编程;
- 极简易的综框“0”位设定;
- 每页综框的各项开口参数均可单独设置;
- 可依据不同织物组织调节每页 页综框上下位置
- 综框的开口时间曲线和停顿均可调整;
- 综框的开口时间曲线相位均可调移;
- 织物多组织花型.

机器控制装置:

全方位的机器控制,包括所有的参数设定和操作功调节均由特意佳 TRINCA 织机管理系统专项研发的电器控制系统处理.特意佳管理系统建基於载有视窗(Windows)CE 作业系统的工业级个人电脑,管控全部参数以及所有的控制功能.全体电子和电器控制装置均安装在主电器柜内.

TECHNICAL FEATURE OF THE LOOM

- 8 Colours Weft Position Change, driven by Servomotors;
- Max. weaving width 11750 mm (on request be possible all weaving width)
- Min. weaving width 3000 mm
- Weaving speed adjustable from 5 up to 90 rpm
- Beat-up power max. 65000 N/m
- Warp tension first beam 65000 N/m
- Warp tension second beam 35000 N/m
- number of the yarns for cm. Min. 4 – max. 100;
- weft wire diameter min. mm. 0,13 – max. mm. 1,20.
- Warp control tension 4 position;
- **WEFT TENSION CONTROL TRINCA TYPE CTT-8** driven by Servomotors with:
 - weft tension setting; maximum/minimum admissible weft tension setting; tension regulation in cN; save all tension for each weft; tension weft curve visualization; weft tension correction for each single pick; weft crimp factor control;
- Possibility to use full temple (TRINCA PATENTED) or lateral temple;
- Left and right Close selvedge device, driven by Servomotors;
- n. 2 let off with canister, driven by servomotors
- n. 3 roller take up, regulation of the centre roller by PC
- n. 1 direct 3 roller take-up (Trinca patented) for winding fabric
- Remand roller position control by the PC and driven by Servomotors;

• ELECTRONIC, ROTARY DOBBY TRINCA TYPE R.E.Rz

Dobby type explanation:

- R = Dobby
- E = Electronically controlled
- R = Rotary

Suitable for driving from 2 to 52 heddle frames complete with:

- doobby driven and controlled by the PC;
- possibility of weaving with open shed and closed shed;
- possibility to put the heddle frames onto its “0” point;
- possibility to control and adjust manually each single frame;
- possibility to adjust the frame position as needed by each fabric pattern and function of frames in the upper or in the lower part;
- possibility of the frame standstill adjustments;
- possibility of the frame phase adjustment;
- fabric Multipatern.

LOOM CONTROL DEVICE:

The complete loom control, all data settings and operating function adjustments are carried out by the TRINCA electronic control device and the especially developed TRINCA loom managing. All electronically and electric control devices are installed inside the main switchboard and all data's, as well as loom driving and control functions, are developed by an industrial PC with software windows CE.

T.20.10E-PS
11250

型号:
mod.

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型号: mod. T.2N.4E-
P-6000

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意大利 特意佳

6000



型号: T.2N.4E-P 6000 mod.

成型网及滤布织机 • Synthetic loom for weave forming and filter fabric

机器冠名阐述:

T = 技术织物织机

2N = 2剑杆引纬 带导勾伺服马达驱动

4E = 凸轮组数

P = 重负荷型结构

6000 = 织造幅宽 (可据要求定制种门幅)



Explanation of the loom type letters and numbers:

T = loom suitable for weaving technical fabrics

2N = weft insertion system with 2 band rapiers, controlled and driven by servomotors by guide hooks

4E = number of mounted slay driving cam groups

P = heavy loom supporting structure

6000 = weaving width (on request be possible all weaving width)

TECHNICAL FEATURE OF THE LOOM

- 8 Colours Weft Position Change, driven by Servomotors;
- Max. weaving width 6000 mm (on request be possible all weaving width)
- Min. weaving width 2000 mm
- Adjustment of the fabric by both sides mm. 2000
- Weaving speed adjustable from 5 up to 140 rpm
- Beat-up power max. 2500 da Nm
- number of the yarns for cm. Min. 5 – max. 200;
- weft wire diameter min. mm. 0,15 – max. mm. 0,60.
- n. 2 let off with 4 warp beams, driven by servomotors
- n. 3 roller take up, regulation of the centre roller by PC
- Possibility to use full temple (Trinca patented) or lateral temple
- **ELECTRONIC, ROTARY DOBBY TRINCA TYPE R.E.R**

Dobby type explanation:

R = Dobby

E = Electronically controlled

R = Rotary

Suitable for driving from 2 to 52 heddle frames complete with:

- doobby driven and controlled by the PC;
- possibility of weaving with open shed and closed shed;
- possibility to put the heddle frames onto its "0" point;
- possibility to control and adjust manually each single frame;
- possibility to adjust the frame position as needed by each fabric pattern and function of frames in the upper or in the lower part;
- possibility of the frame standstill adjustments;
- possibility of the frame phase adjustment;
- fabric Multipatarn.

LOOM CONTROL DEVICE:

The complete loom control, all data settings and operating function adjustments are carried out by the TRINCA electronic control device and the especially developed TRINCA loom managing. All electronically and electric control devices are installed inside the main switchboard and all data's, as well as loom driving and control functions, are developed by an industrial PC with software windows CE.

技术参数

- 8色选纬,伺服马达驱动
- 幅宽达:6000 毫米 (可据要求定制各种门幅);
- 最小织造幅宽:2000 毫米;
- 织造布幅调整每边2000毫米
- 速度: 5-140 转/分钟;
- 打纬力:2500牛顿/米;
- 纱密:5-200 /厘米;
- 纱径:0.15-0.60 毫米;
- 2组送经4轴伺服驱动
- 3罗拉网布卷取系统电脑调控
- 可选全幅(特意佳专利)边撑或侧边撑;
- **R.E.R电子旋转式多臂机**

多臂机阐述:

R = 多臂机

E = 电子式

R = 旋转式

提综杆2至52页

配置有:

- 多臂机运行由织机主电脑控制;
- 开口方式: 开式开口和闭式开口经由个人电脑编程;
- 极简易的综框 "0" 位设定;
- 每页综框的各项开口参数均可单独设置;
- 可依据不同织物组织调节设置每页综框上下位置
- 综框的开口时间曲线和停顿均可调整;
- 综框的开口时间曲线相位均可调移;
- 织物多组织花型.

机器控制装置:

全方位的机器控制,包括所有的参数设定和操作功调节均由特意佳 TRINCA 织机管理系统专项研发的电器控制系统处理.特意佳管理系统建基於载有视窗(Windows)CE作业系统的工业级个人电脑,管控全部参数以及所有的控制功能.全体电子和电器控制装置均安装在主电器柜内.

Fastrong

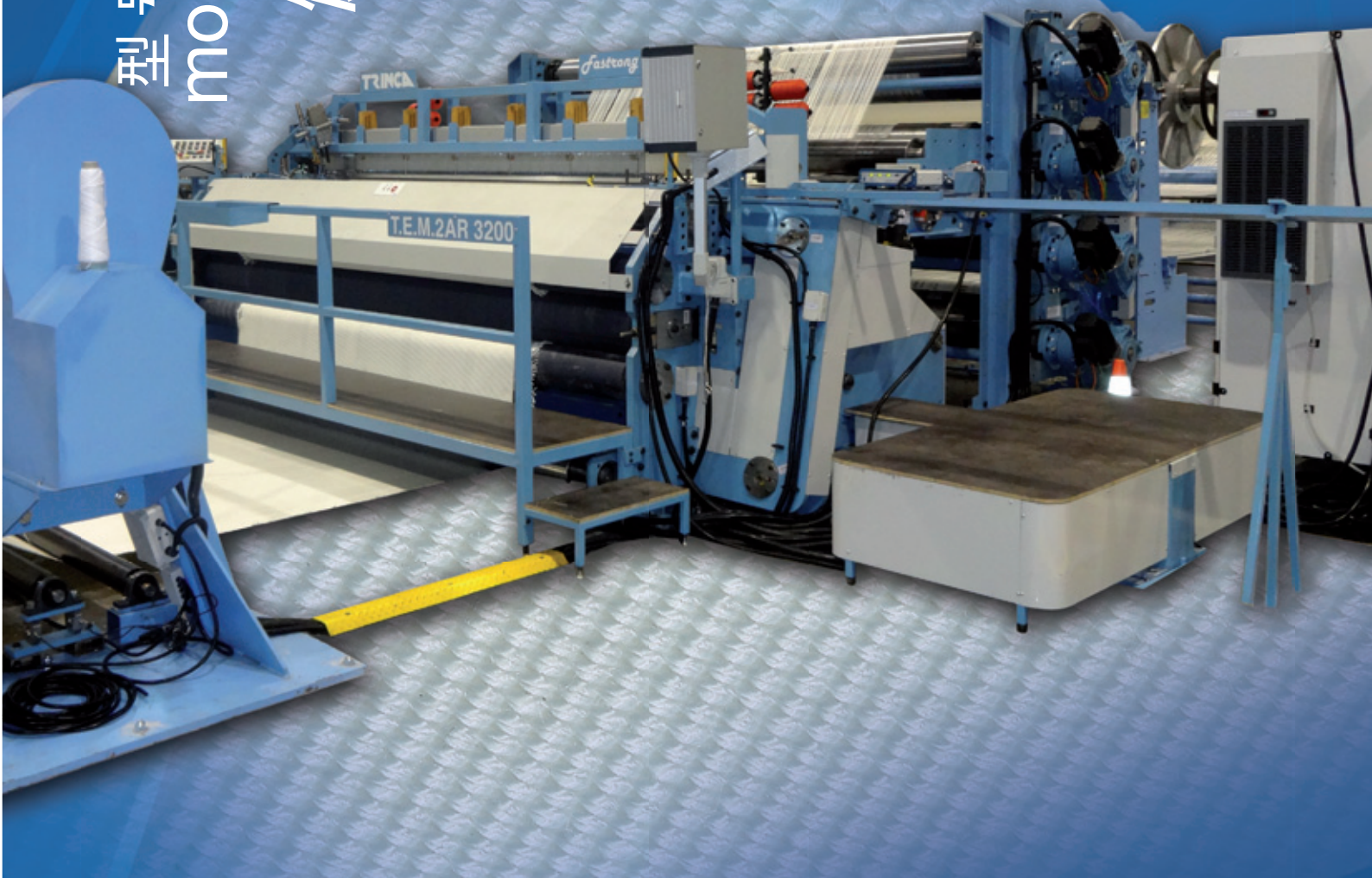
型号.
mod.

快而強 T.E.M.2AR. 3200

TRINCA[®]

意大利 特意佳

3200



型号: *Fastrong* T.E.M.2AR. 3200

mod. 快而强
技术用布高速织机 • Fast weaving loom suitable to weave technical fabrics

机器冠名阐述:

- T** = 织机
E = 共轭凸轮驱动
M = 中负荷型结构
2AR = 2 刚性剑杆引纬
3200 = 织造幅宽 (可据要求定制各种门幅宽达 7 米)

织机技术参数

- 织造幅宽: 3200 毫米
(可据要求定制各种门幅宽达 7 米);
- 速度可调: 0-250 转/分钟;
- 最大打纬张力: 3,000 十牛顿/米;
- 最大经纱张力: 2,000 十牛顿/米;
- 模块式钢结构;
- 3 组互补共轭凸轮组驱动
- 3-罗拉 卷取带网布张力恒定装置
- 3-罗拉 经纱张力装置
配独特软件作轴向控制及
荷重元控制
- (可采用常规送经轴);
- 4 位置经纱张力控制;
- 特意佳电子旋转式多臂机型号 R.E.R 多臂机型号阐述:
R = 多臂机
E = 电子式
R = 旋转式
提综杆 2 至 52 页,备置有:
 - 多臂机驱动和控制经由个人计算机;
 - 可进行闭式开口或开式开口织造;
 - 可控式将综框开到“0”度位置;
 - 每页综框可作独立的控制和手动精调;
 - 可据不同织物花型设计或功能需要,对每页综框的上开口或下开口进行调节;
 - 综框的开口和停顿时间可调;
 - 综框开口曲线相位可调;
 - 可实现网布多花型..

机器控制装置:

全方位的机器控制,包括所有的参数设定和操作功调节均由特意佳 TRINCA 织机管理系统专项研发的电器控制装置处理.特意佳管理软件建基于窗口(Windows)CE 操作系统载于工业级个人计算机,管控全部参数以及所有的控制功能.全体电子和电器控制装置均安装在主电器柜内.

Explanation of the loom type letters and numbers:

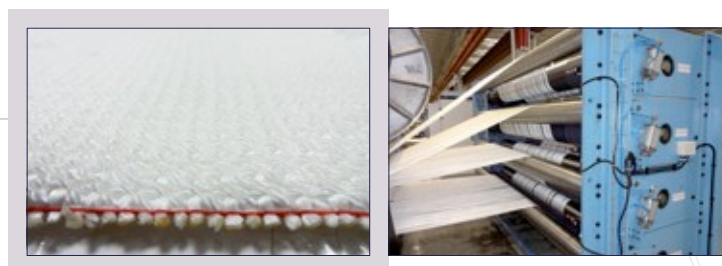
- T** = loom
E = driven by eccentric curves
M = medium loom construction
2AR = weft insertion by n. 2 rigid rods
3200 = weaving width (on request be possible weaving in 7m width)

TECHNICAL FEATURE OF THE LOOM

- Weaving width: mm 3200 up to 7000m;
- Adjustable speed from 0 up to 250 rpm;
- Maximum beat-up tension: daN/m 3.000;
- Maximum warp tension: daN/m 2.000;
- Modular steel structure with;
- n. 3 complementary driving cams;
- 3-ROLLER TAKE-UP with CONSTANT FABRIC TENSIONING DEVICE;
- 3-ROLLER WARP TENSIONING DEVICES equipped with its software for the axis control and load cells control (possibility to have a normal let-off beam);
- Warp control tension 4 position;
- **ELECTRONIC, ROTARY DOBBY TRINCA TYPE R.E.R 12**
Dobby type explanation:
R = Dobby
E = Electronically controlled
R = Rotary
Suitable for driving from 2 to 52 heddle frames complete with:
 - doobby driven and controlled by the PC;
 - possibility of weaving with open shed and closed shed;
 - possibility to put the heddle frames onto its "0" point;
 - possibility to control and adjust manually each single frame;
 - possibility to adjust the frame position as needed by each fabric pattern and function of frames in the upper or in the lower part;
 - possibility of the frame standstill adjustments;
 - possibility of the frame phase adjustment;
 - fabric Multipatarn.

LOOM CONTROL DEVICE:

The complete loom control, all data settings and operating function adjustments are carried out by the TRINCA electronic control device and the especially developed TRINCA loom managing. All electronically and electric control devices are installed inside the main switchboard and all data's, as well as loom driving and control functions, are developed by an industrial PC with software windows CE.



T.E.P.A.R.

型号:
mod.

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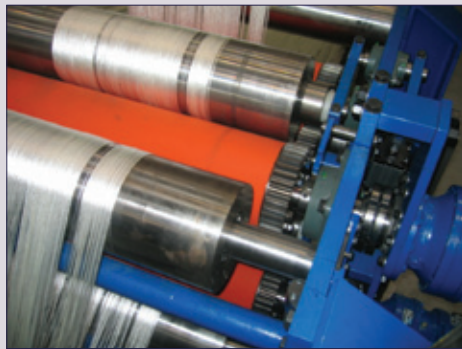
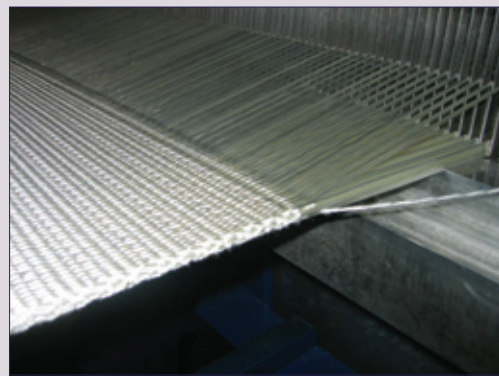
意大利 特意佳



型号: T.EP.AR mod. T.EP.AR

传送带,多层织物,过滤布,涂板带织机

Weaving machines for weaving transport belts, multi-layer fabrics, filters and corrugator



技术参数:

线径: 20/6, 26/4, 10/12, 10/26

纱线原料: 合成纤维,凯夫拉,碳纤和天然纤维

最大打纬张力: 6,000 十牛顿/米

速度: 可达 140 纬/分钟

幅宽: 1,000毫米至2,000毫米

引纬: 刚性杆

Technical features:

Wire diameter: 20/6, 26/4, 10/12, 10/26

Type of the yarn: synthetic, kevlar, carbon and natural fibers

Max beat-up tension: 6000 daN/m

Max beat-up speed: 140 rpm

Weaving width: from 1000 mm. up to 2000 mm.

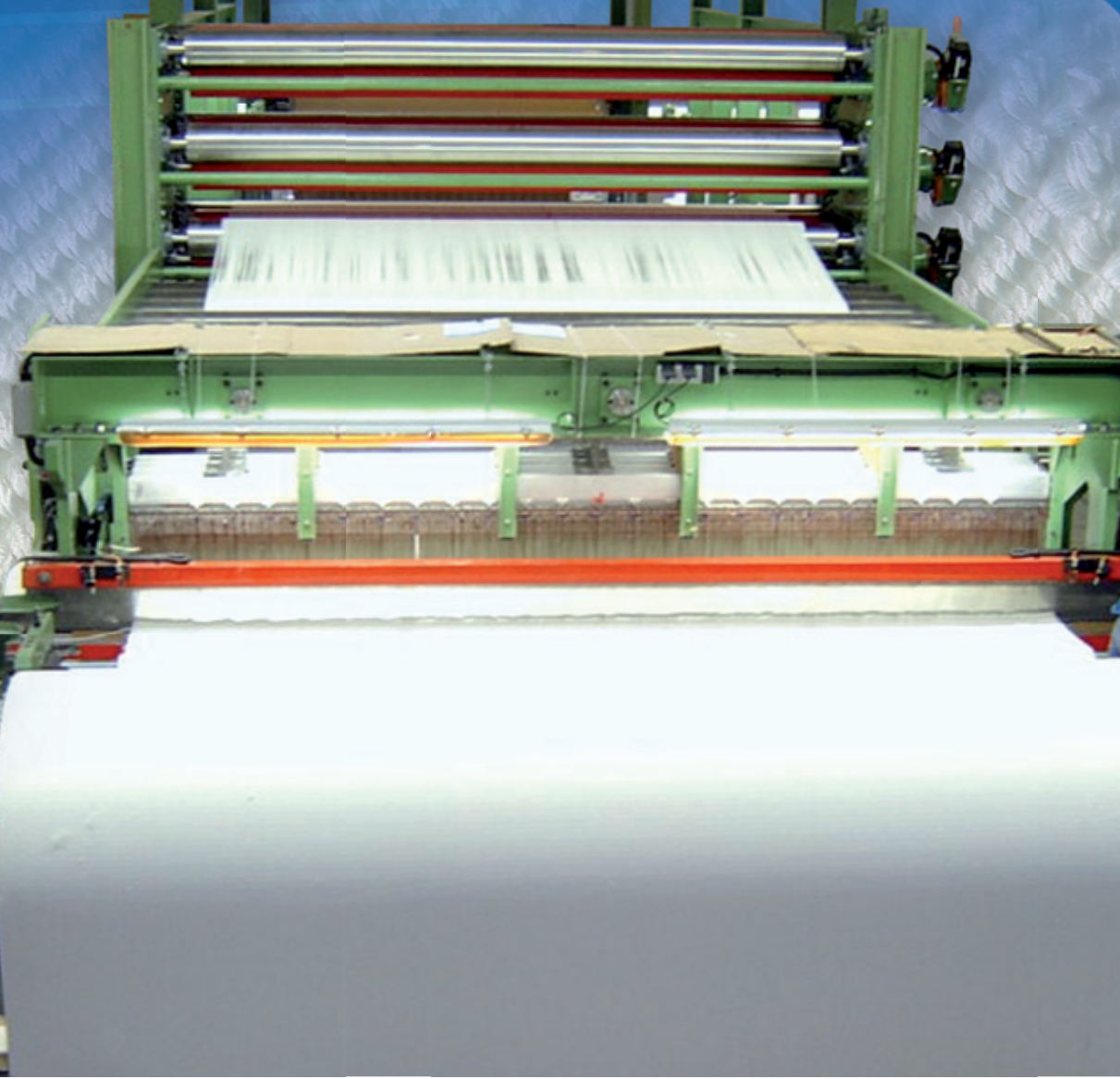
Weft insertion: by rigid rod

T.M.V.B.

型号:
mod.

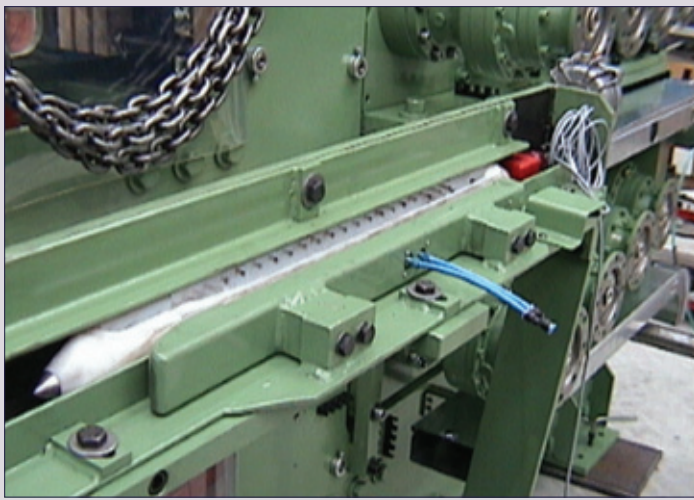
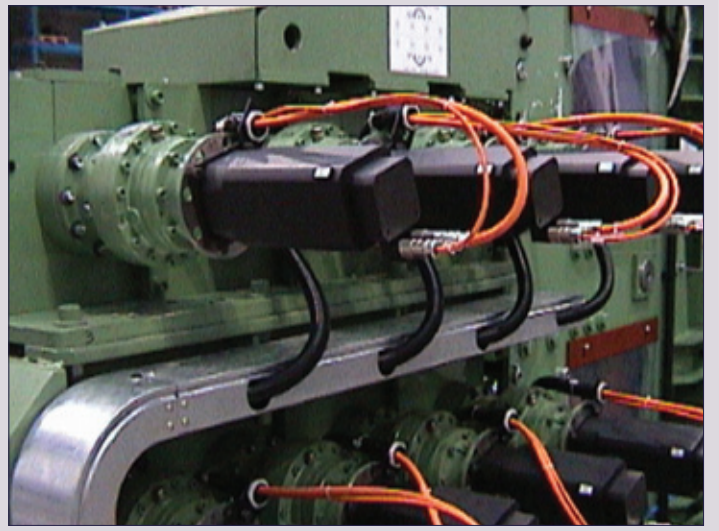
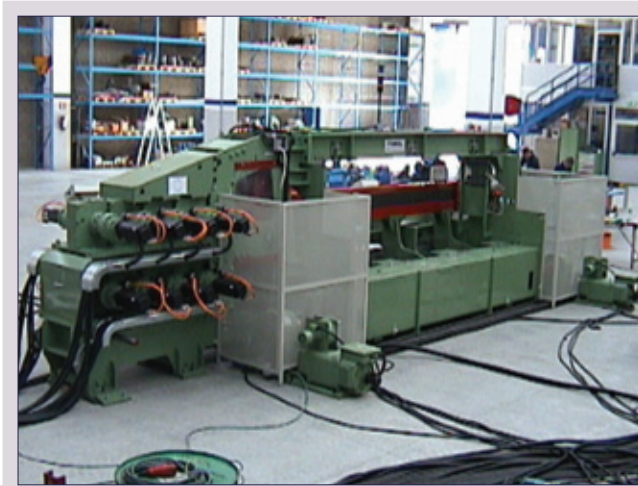
TRINCA®

意大利 特意佳



型号: T.N.U.B
mod.

技术用布,多层结构传送带,滤布及管状织物 有梭织机
Shuttle looms for technical weaving, multi-layer transport belts, filters, unless



技術參數:

线径: 20/6, 26/4, 10/12, 10/26

纱线原料: 合成纤维,凯夫拉,碳纤和天然纤维

最大打纬张力: 10,000 十牛顿/米

速度: 可调 1 至 80 纬/分钟

幅宽: 1,000毫米 至 12,000毫米或更宽

引纬: 梭子

Technical features:

Wire diameter: 20/6, 26/4, 10/12, 10/26

Type of the yarn: synthetic, kevlar, carbon and natural fibers

Max beat-up tension: 10000 daN/m

Speed: setting from 1 to 80 pick./min.

Weaving width: from 1000 mm. to 12000 mm. and above

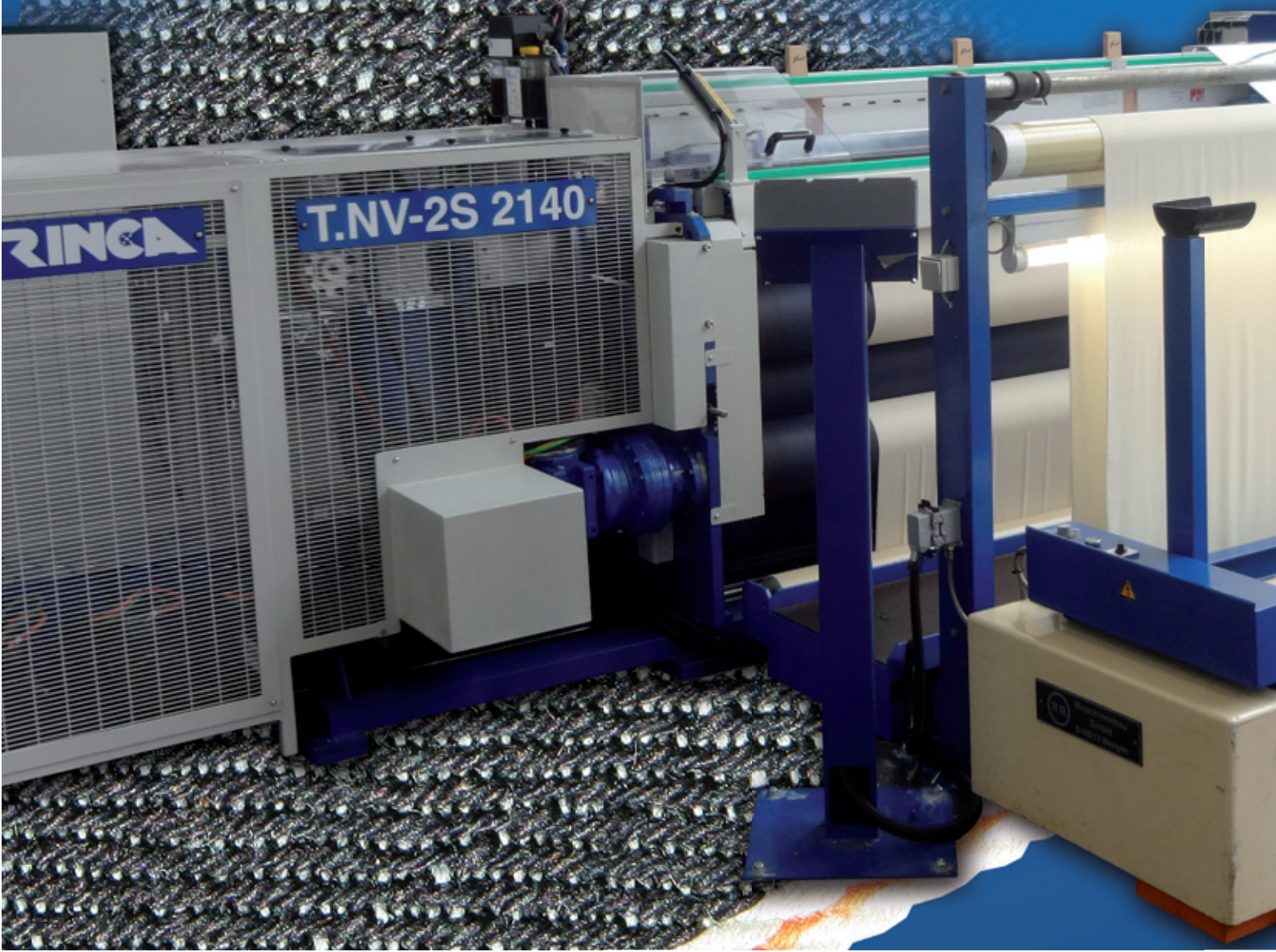
Weft insertion: by shuttle

T.NV-2S
2140

型号:
mod.

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型号 mod. T.NU-2S 2140

技术用布,牛仔布,管状织物有梭织机带自动纤子更换装置 UNI-E 250
Shuttle looms with automatic change spool device type UNI-E 250 for technical fabrics, denim, and unless fabrics

机器冠名阐述:

- T** = 织机
- NV** = 带 1 投梭
- 2S** = 带 2 伺服电机
- 2140** = 织造幅宽 (可据要求定制各种门幅)

织机技术参数

- 织造幅宽: 1000 毫米 至 2140 毫米
(可据要求定制各种门幅);
- 适合织造平布和管状织物;
- 纱密度调: 5 – 200/厘米;
- 速度: 最高达 150 纬/分钟;
- 最大经纱张力: 1500 十牛顿/米

投梭驱动系统(特意佳专利)控制方式:

- 2 组由伺服马达驱动的齿条分别架于织机左右两侧
(齿条将梭子由左投向右,反之亦然)
- 2 个由计算机设定,马达驱动的制停装置将梭子捕抓在精确的位置

特意佳电子旋转式多臂机型 号 R.E.R 12

- R = 多臂机
- E = 电子式
- R = 旋转式
- 12 = 提综杆 2 至 52 页;
- 多臂机运行由织机主计算机控制;
- 开口方式: 开式开口和闭式开口经由个人计算机编程;
- 极简易的综框“0”位设定;
- 每页综框的各项开口参数均可单独设置;
- 可依据不同织物组织调节每页综框;
- 综框的开口时间曲线和停顿均可调整;
- 综框的开口时间曲线相位均可调移;
- 可应用于织造多层织物 (利用织物绑结组织).



自动纤子更换装置 UNI-E 250

- UNI = 自动更换纤子
 - E = 电子式
 - 250 = 梭子尺寸 250 毫米
- 整套纤子卷纱器及在织机上自动更换装置,其全部参数均通过个人计算机设置

机器控制装置:

全方位的机器控制,包括所有的参数设定和操作功调节均由特意佳 TRINCA 织机管理系统专项研发的电器控制装置处理.特意佳管理软件建基于窗口(Windows)CE 操作系统载于工业级个人计算机,管控全部参数以及所有的控制功能.全体电子和电器控制装置均安装在主电器柜内.

Explanation of the loom type letters and numbers:

- T** = weaving machine
- NV** = with 1 Shuttle
- 2S** = with 2 Servomotors
- 2140** = weaving width (on request be possible all weaving width)

TECHNICAL FEATURE OF THE LOOM

- Maximum weaving width: mm. 2140 – min. mm. 1000
(on request be possible all weaving width);
- The loom is suitable for weaving tubular fabrics and flats;
- Adjustable wire/cm. max. 200 – min. 5;
- Max speed from 150 rpm;
- Maximum warp tension: daN/m 1500.

SHUTTLE DRIVING SYSTEM (TRINCA PATENTED) controlled by:

- 2 toothed racks driven by Servomotor and mounted at the left and right of the weaving machine; (the toothed cracks throw the shuttle from right to left and the other way round)
- 2 motorized brakes autsetting by PC that block shuttle in position exact;

ELECTRONIC, ROTARY DOBBY TRINCA TYPE R.E.R 12

Dobby type explanation:

- R = Dobby
- E = electronically controlled
- R = rotary
- 12 = suitable for driving from 2 to 52 heddle frames
- Dobby control by the means of the loom main PC
- Operating mode: OPEN SHED and CLOSED SHED setting to be selected by the PC-program
- easy “0” point setting of the heddle frames
- manually control and separate position setting of each single heddle frame
- adjustment possibility of the heddle frame timings and stops
- adjustment possibility of the heddle frame phase timing and exchange.

ELECTRONIC DEVICE UNIFIL TYPE UNI-E 250

- UNI = unifil
 - E = electronic
 - 250 = lenght shuttle mm. 250
- complete with device winding shuttle with automatic direct change in the weaving machine and with adjustment of the parameters by PC.

LOOM CONTROL DEVICE:

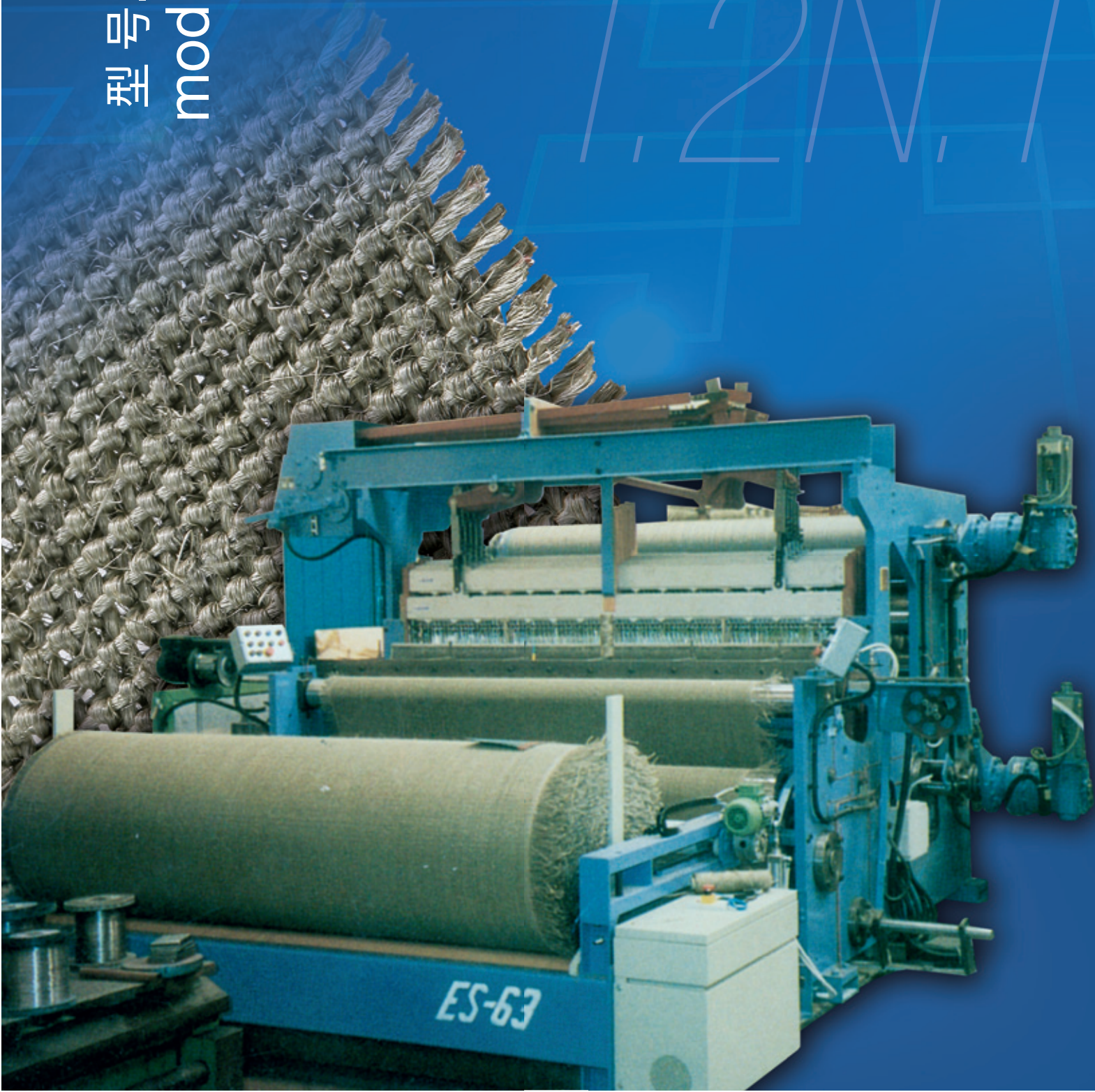
The complete loom control, all data settings and operating function adjustments are carried out by the TRINCA electronic control device and the especially developed TRINCA loom managing All electronically and electric control devices are installed inside the main switchboard and all data's, as well as loom driving and control functions, are developed by an industrial PC with software windows CE.

TRINCA[®]

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T.2N.T

型号.
mod.



响应环保要求,国际市场对自然纤维织物需求与日俱增加,织物由:剑麻,椰壳,纸,羊毛,棉花等织成.

天然纤维织物,可在环境中生物降解,现被更广泛使用在技术装饰应用中:室内装潢,家具,成衣和包装.



The international market is ever More oriented towards NATURAL fabrics; fabrics woven from **SISAL (hemp), COIR FIBER, PAPER, WOOL, COTTON.**

Natural fabrics are biodegradable and are widely used in decorative technical applications, in interior decoration and furnishing, for

新型 T.2N.T 织机, 专为此市场需求而研发. 提供全自动操控,将人手需求降到最低,只需人员从事监控.

T.2N.T 织机,集先进技术于一身,荟萃了特意佳(TRINCA)金属丝网和合成纤维网布方面,长期而丰硕的经验.

纬线由两组剑杆引入(送纱和接纱),剑杆在中心位置交换,全程由电子准确控制.前端的送经调控,后端的卷取控制,上方为花纱织造而设的控制,全由电子监控,织造密度可按每 10 厘米为单位,直接输入经纱和花纱织造 张力控制,在显示屏上作可视化操控,优化产品质量和保障 重复再现性.

ready-made clothing and for packaging. The new **T.2N.T** weaving loom has been designed to meet these market demands.

It offers the possibility to operate fully automatically and with minimum attendance by personnel which has only to check the functioning. The **T.2N.T** weaving loom was designed using advanced technology and incorporates the ample experience that TRINCA has been able to accumulate over the years in the design of weaving machines for wire and synthetic fabrics.

The weft wire is inserted by two rapiers (feeding and drawing) with weft transfer in the centre and with electronic control.

The front regulator for fabric feed, the rear regulator for warp let-off motion and the upper regulator for Bouclè weave feature electronic control, and the input for number of threads is every 10 cm.

The tension control for warp and Bouclè is visualized on the screen and ensures optimum quality and repeatability of the finished product.

技术参数:

织机型号: T.2N.T (双剑杆织机,纺织墙布)
织造幅宽: 2200 /4150 /5150 毫米 (其他幅宽可据要求供货)
纱线原料: 剑麻,椰壳纤维,棉花,纸和其他
织造密度: 每厘米 2 至 999.9
速度: 2200 毫米 /4150 毫米 /5150 毫米
每分钟 130 90 80
综框驱动: 偏心 10- 12 页;
多臂 10- 12 页;
织机主架: 模块化钢结构
箱座: 由 2 个或 3 个曲柄驱动根据织机幅宽
卷布轴: 由独立卷取装置,最大直径 1400 毫米
引纬: 2 组电子控制绕性剑杆
调节器: 后,前,结子纱均带电子控制
纬纱控制: 电子
送经/结子纱张力控制: 电子
打纬力: 60000 牛顿
机器重量: 2200 毫米 4150 毫米 5150 毫米
(约) 7000 公斤 13000 公斤 15000 公斤

Technical features:

Machine type: T.2N.T (weaving loom - 2 rapiers - textile wall coverings)

Weaving widths: 2200 - 4150 - 5150 mm. (others widths upon request)

Materials: sisal (hemp) - coir fibre - cotton - paper - and others

Thread per centimetre: from 2 to 999,9

Machine speed: 2200 mm. 4150 mm. 5150 mm.

Picks/minute: 130 90 80

Heald frame drive: eccentric motion 10-12 healds
dobby 10-12 healds

Machine frame: modular steel construction

Slay: driven by crankshaft with 2 or 3 cranks according to weaving width

Cloth take-up: by separate take-up, maximum roll-dia. 1400 mm.

Weft insertion: 2 flexible rapiers with electronic control

Regulators: front - rear - Bouclè - with electronic control

Weft control: electronic

Tension control for let-off/Bouclè: electronic

Beat-up force: 60000 N

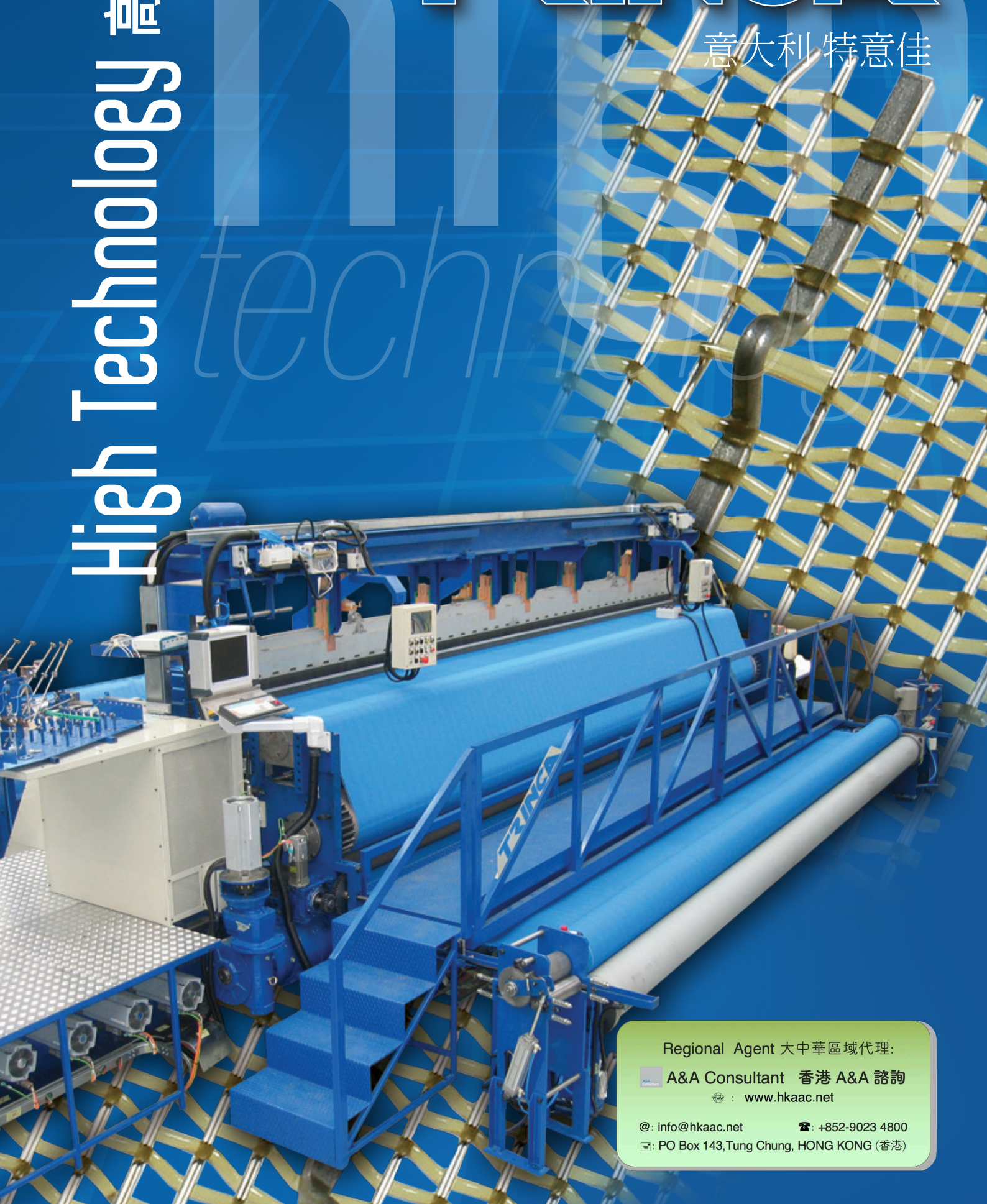
Machine weigh: 2200 mm. 4150 mm. 5150 mm.

(Approx) 7000 Kg. 13000 Kg. 15000 Kg.

High Technology 高科技

TRINCA[®]

意大利 特意佳



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国际市场对高端高质量织物需求日益增加,意味更多高新技术的应用,织物趋向非常多元化规格,和极广泛的应用领域

特意佳公司,应用其技术和丰富的经验,专门打造了一个崭新系列设备,配备了“高科技”装置和器材,以满足现时市场的需求.从而使我们久经考验并广受赞誉的材,以满足现时市场的需求.从而使我们久经考验并广受赞誉的“T.N.E.”系列织机,可根据每个客户的特殊需求进行配置.

“高科技”系列荟萃了我们多年来制造特殊织机和装置所积累的技术知识,能极有效的应对下述产品及其相关领域:

- 各种金属丝织物和丝网
- 建筑应用织物和丝网
- 天然纤维织物和地毯
- 合纤织物和环状织物
- 多层结构织物

我们“TNE”系列织机其中一项很重要的附加功能就是可配套极广泛的**模块化设备和装置**如下述所示:

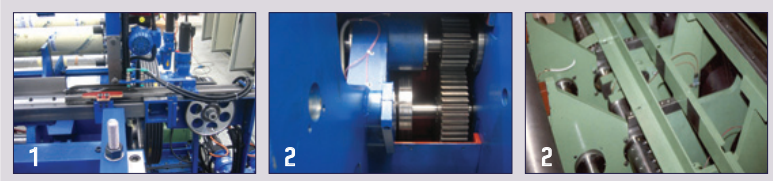
The international markets require more and more woven top quality products with a high level of technological content, fabrics with very diversified specifications to be used for many different application.

On course to meet the requirements of these markets and applying all our technical experience, TRINCA achieved a new machinery-line, which can be fitted with several “high tech” devices and equipment. This allows to customize every loom of our already well introduced weaving machine line “T.N.E.” and to build it for the very individual need of each single customer.

The machinery-line “HIGH TECHNOLOGY” incorporates all technical knowledge developed in many years as manufactures of special machinery and equipment and is intended to serve all branches for the production of:

- each kind of metal wire fabrics and wire cloth
- fabrics for architectonic applications
- natural fiber fabrics and carpets
- synthetic fabrics and felts
- multi-layer fabrics

The most important additional feature on our weaving machines “T.N.E.” is the possibility to fit them with range of **modular equipment and devices**, as follows:



1 引纬系统(专利)

- 带伺服电机驱动的剑杆
 - 带两个伺服电机驱动的剑杆
 - 有梭引纬系统,适合合纤织物,毛毯,单层或多层结构织物,需闭合式光边织物等的织造
- Weft insertion system (patented)**
- with one servomotor driven bandrapiers
 - with two servomotor driven bandrapiers
 - with a shuttle weft insertion system, suitable to weave synthetic fabrics and felts, single or multilayers, with closed weaving edges

2 箱座运动

- 油浴槽共轭互补凸轮驱动
- 油浴槽曲柄驱动

Sley movement

- driven by complementary cams, running in oilbath
- driven by a crankshaft, running in oilbath

3 电子控制调节器

- 可根据所需的“目数”,“厘米”或“法兰码”调节织造织物,由伺服电机控制和调节经纱张力

Electronic controlled regulators

- possibility to weave fabrics with regulations as “mesh”, “cm” or “french number”; warp-tension control and regulation by servomotors



4 经轴

- 织机可配套不同类型经轴,例如:
- 无边经轴或有边盘经轴
- 筒型经轴
- 2个或更多的经轴合并成“线”配套到有单独支撑的织机上,由伺服电机独立控制和调节经纱张力

Warpbeams

- the loom can be equipped with different warpbeams types, such as:
- single-flat warpbeams; ring-or stir warpbeams
- warpbeams with canister
- 2 or more warpbeams running “in line” and fitted to the loom with a separate supporting structure, controlled by servomotors for the separate warp-tension control and regulation

5 三罗拉织物张力装置

- 由三罗拉系统调节织物张力和目数,经伺服电机控制

3-roller fabric tensioning device

- the fabric tensioning and the mesh adjustment is carried out by a 3-roller system, controlled by servomotors



6 织物直接张力装置

- 织物张力和目数调整在单一经轴进行,适合应用于纱架直接卷取织造

Direct fabric tensioning device

- the fabric tensioning and mesh adjustment is carried out by only one beam, suitable also for the direct upwinding of the woven fabric

7 综框驱动(专利)

- 采用特意佳自行研发的多臂机,由个人计算机操控伺服电机驱动,所有综框可由键盘独立调整除了众多的优势外,此多臂机还可作开式开口或闭式开口织造,只需通过个人计算机按键便可改变模式

Heddleframe movement (patented)

- with a TRINCA DOBBY, driven by servomotors and controlled by a PC, which allows to carry out all heddleframe adjustments, one independent from the other by the keyboard. Beside numerous further advantages, this dobby allows also to operate with “open shed” or “closed shed”, operating mode changed only by a key on the PC

8 织机电子控制

- 织机所有功能,以及各模块和所述各种装置的同步均由个人计算机集中控制

The electronic loom control

- by a personal computer which controls and synchronizes all weaving functions, as well as also the various modular equipment and devices listed

9 特意佳软件

- 标准程序,也可据客户要求量身制定

The TRINCA software

- standard programs can be customized for individual requests



10 电动切割装置

- 在织造过程中,于织机上按要求直接将织物切割成不同的条带
- Motorized cutting devices**
- for a fabric cut in different strips directly on the loom during the weaving process

11 气动剪刀装置(专利产品)

- 作为纬纱准备和剪纱用途,由个人计算机控制
- Pneumatic scissor devices (patented)**
- for the weft preparing and cut, controlled by the PC

12 废边装置

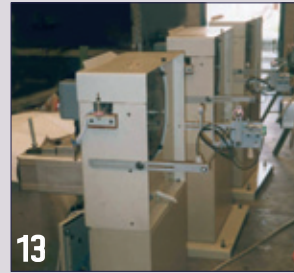
- 独立电机驱动,废边纱张力可调节
- Weaving edge waste accumulators**
- separately motorized, with tension adjustment of the waste

13 预卷纬储纬机 (专利产品)

- 预卷纬储纬机有3个不同的尺寸, 型号: T300, T600, T1000. 均可连接织机, 适用于各种原料类型和不同线径的纱线

Weft prespooler (patented)

- three prespooler models, T300 - T600 and T1000, built in 3 different dimensions, prepared to be connected to the loom and suitable for each diameter and material quality to be woven



14 整经装置

整经机配备了微处理器, 适用于经纱张力控制和调整:

- 锥形无边经轴整经装置
- 有边盘经轴整经装置
- 筒型经轴整经装置

WARPING DEVICES

Beamers equipped with microprocessors, suitable for the tension control and adjustment of the warp:

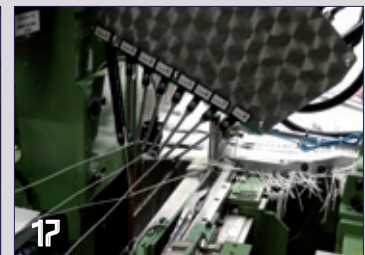
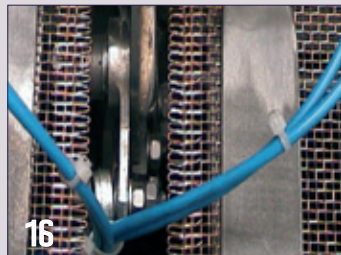
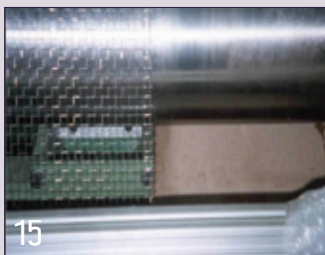
- warping devices for flat warpbeams with conical warping
- warping devices for ring (stir) warpbeams
- warping devices for canister

15 织边焊接边装置 (用于织造传送带)

- 安装此装置到织机上, 于织造过程可直接切割和焊接布边

Weaving edge welding devices for transport belts

- this device is prepared to cut and to weld the edges directly on the loom during the weaving process



15

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17

17

气动式/Pneumatic

马达式式/Motorized

16 折入边装置(专利)

- 在织造过程中, 利用此装置将纬纱折迭和锁闭入织物, 形成闭合式光边

Weaving edge tucker device (patented)

- this device is suitable for the forming of closed edges by folding the weft and closing it into the fabric during the weaving process

17 纬纱选色装置

- 配套此装置令客户可使用一种以上纬纱在同一织物上进行织造即使不同纱径和性质的丝/线

Weft colour change devices

- this device allows to weave with more than one weft, even with different weft diameters and wire/yarn qualities

18 纱线轧花装置

- 此装置适合纬纱和经纱的轧花

Wire crimping devices

- this device is suitable for the crimping of weft and also warp wires

19 轧花纬纱准备装置

- 此装置可以对线径极大的丝或杆进行织前轧花处理

Weft preparing devices for pre-crimped wires

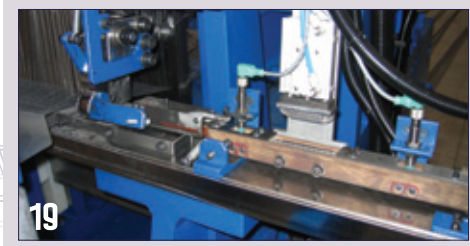
- this device allows to prepare pre-crimped wires and rods with larger diameters for the weaving process

20 轧花纱线织布机

- 特殊类型织机, 专为使用轧花丝线织造极高负载丝网

Weaving machines for pre-crimped fabrics

- this is a special weaving machine, suitable for weaving very heavy fabrics with pre-crimped wires



18

19

这仅是我们产品范围的简要说明. 我们以及我们的代理商可随时与我们客户就其所需织机特殊要求和个性化设计, 进行充分探讨...

This is only a brief description of our product range. We are always available to discuss with our customers their special requirements and design individual weaving machines for their special...

Electronic or mechanical driven
brandrapier conversion kits®

剑杆改造套件

TRINCA®

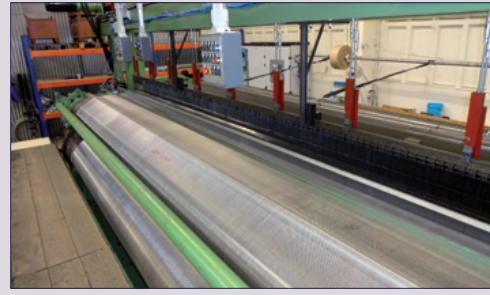
意大利 特意佳



Conversion kits for old weaving machines with a new bandrapier system mechanical driven or by servomotors with electronic control.
电子或机械驱动剑杆旧织机改造套件

适用于老织机的改造套件,由机械驱动或由伺服电机电子控制的剑杆引纬系统.预组装好的改造套件,造就了极短旧织机改造需时,经改造升级后的织机在常规织造过程中将极容易变更织造幅宽.可选机械或伺服电机电子驱动剑杆改造套件,更可配置气动纬丝,纬丝准备和切断装置均由微处理器控制的改造套件,一体化设计整组供货.适用于幅宽由1000至8500毫米旧型剑杆织机或有梭织机改造.升级为机械驱动或伺服电机电子控制单层剑杆引纬織機改造.

升級為機械驅動或伺服電機電子控制單層劍桿引緯
These preassembled kits allows very short conversion times of the old looms and also fast width adjustments during the future normal weaving process. Together with these mechanical or by Servomotors and electronic driven bandrapier devices, can be mounted also a pneumatic weftwire/ yarn preparing and cutting device, preassembled in only one block and controlled by a microprocessor. Suitable to convert and modernize old rapier or shuttle looms with weaving width from 1000 up to 8500 mm. by operation with only one bandrapier crossing the shed, mechanical driven or by Servomotors with electronic control.



Technological innovations in
the wire and technical fabric
production process 技术创新

TRINCA特意佳公司目前位于意大利科莫省拉卡驰纬 (Lurate Caccivio), 除却其先进的电子控制和驱动的高速织机外,现进一步为业界提供崭新的系统改装套件,从而为织造厂带来高效和高产出更具竞争力

The TRINCA Company in Lurate Caccivio (Como) Italy present, further to their new, electronically driven and controlled weaving machines, also new system and equipment, which allows Manufacturing Companies to increase their competitiveness with higher efficiency and production performance.



NEW WEFT WIRE PREPARING DEVICE PRESPOOLER
T300[®] T600[®] AND T1000[®] 型 预卷纬机

纬纱络筒可适用直径360毫米和更大的筒子.线/纱的卷绕运行在不同的线圈.预卷纬机由电子电机控制和驱动,纬纱准备可设置为手动或自动.纬纱定长由机械微动开关控制和通过电位计调节速度.当络筒转动时,预卷纬机PRESPOOLER有足够的动力进行退线,这有效避免了纬纱准备可能的干扰.如与特意佳电子驱动的织机配套使用预卷纬机速度可与织机运行相连接.

适合于各类型的金属丝,合成纤维纱线和天然纤维:
suitable for each kind of metal wires, synthetic yarns and natural fibers:

- T300线径: 0.05至0.4毫米
- T600线径: 0.40至1.60毫米
- T1000线径: 0.40至2.00毫米
- T300 for diam. from 0,05 up to 0,40 mm.
- T600 for diam. from 0,40 up to 1,60 mm.
- T1000 for diam. from 0,40 up to 2,00 mm.

The weft spool support accepts wire and yarn spool with 360 mm diam. and more. The wire/yarn upwinding operates on separate loops. The prespooler is controlled and driven by an electronic motor with setting possibility for manual or automatic weft preparing. The weft reserve is controlled by a mechanical microswitch and the speed adjustment by a potentiometer. The prespooler has enough power to allow to unwind while the weft spool is turning. This avoid is possible jamming in the weft preparation. Assembled to electronically driven, TRINCA looms, the prespooler speed can be connected with the running speed of the weaving machines.

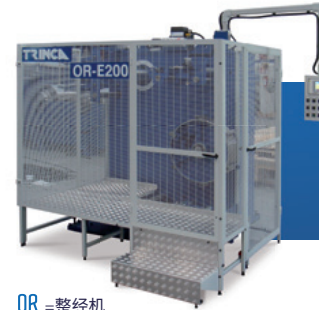
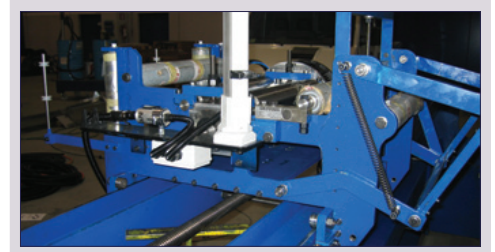


新型整经/并轴装置

适用于常规经轴,有边和筒型经轴.新型整经装置由无刷伺服电机控制和驱动,并适合不同直径的常规经轴,直径400毫米,450毫米和600毫米的有边经轴,以及外径可达800毫米的筒型经轴.经轴托架和经轴由5千瓦电子控制的电动机驱动,可调式速度控制.整经速度和密度由键盘键入设置.导纱装置控制保障恒定纱线张力.

NEW WARPING/BEAMING DEVICE[®]

For normal wrapbeams, ring-warpbeams and canister-warping. This new warping device is controlled and driven by a brushless Servomotor and is suitable to beam each wire diameter on normal or ring-warpbeams with 400 mm, 450 mm, and 600 mm. diameter and canister up to 800 mm. outside diameter. The beaming carriage and the beam are driven by electronically controlled 5 kW motor with an adjustable speed control. The pitch and number of turns settings for the upwinding are inserted by a keyboard and a grading device controls constantly the wire tension.



型号: OR-E 200
电子驱动和控制整经机
Electronically driven and controlled warping device (beamer)

OR = 整经机
E = 电子式
200 = 整经最大幅宽 (可按所需规格定制)

- 适用于罐式经轴;
- 钢支撑结构;
- 钢制墙板框,支撑全部转动部件;
- 整经通道-宽 200 毫米,包含:
 - 镀铬轴作经纱张力控制,
 - 1 斜箱,
 - 1 导纱装置;
- 线性导槽,铝合金制,支撑整经通道架;
- 带所有电器控制原件的电柜箱,包含:
 - 按钮面板置于纱架,包括:开车-倒车-点动按钮
 - 编程键盘,微处理器
 - 带(2行) 16 按键触摸屏显示个人计算机,可作设定数据,警示,速度,插入编程数.
 - 设置参数: 整经转数
 - 速度: 转/分钟,米/分钟,加速和减速曲线,
 - 经纱线断止控制

可由键盘对整经机实施编程及控制.

- suitable for canister;
- steel supporting structure;
- steelmade sideframe, supporting all transmission parts
- warping carriage – width: 200 mm, complete with:
 - chrome plated beam for the warp-wire tensioning
 - 1 slanting reed
 - 1 grading device
- linear guides, alu-profile made, suitable to support the warping carriage
- switchboard with all electronically control parts, complete with:
 - pushbutton panel fitted on the carriage, complete with: pushbutton for operating reverse operating - impulse operating
 - programming keyboard and a microprozessor
 - display with 16 keys (2 lanes) which shows the setted data, the alarms, the speed and the memory stored programmes
 - setting possibility of following data: warping turns
 - speed: turns/minute or meter/minute – acceleration ramp and deceleration ramp
 - warp-wire breaking control

This warping device (beamer) can be programmed and controlled by the keyboard.

AD:

Aeffe Promotion

Progetto grafico:

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傳訊:

艾菲推廣

圖像設計:

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中文:

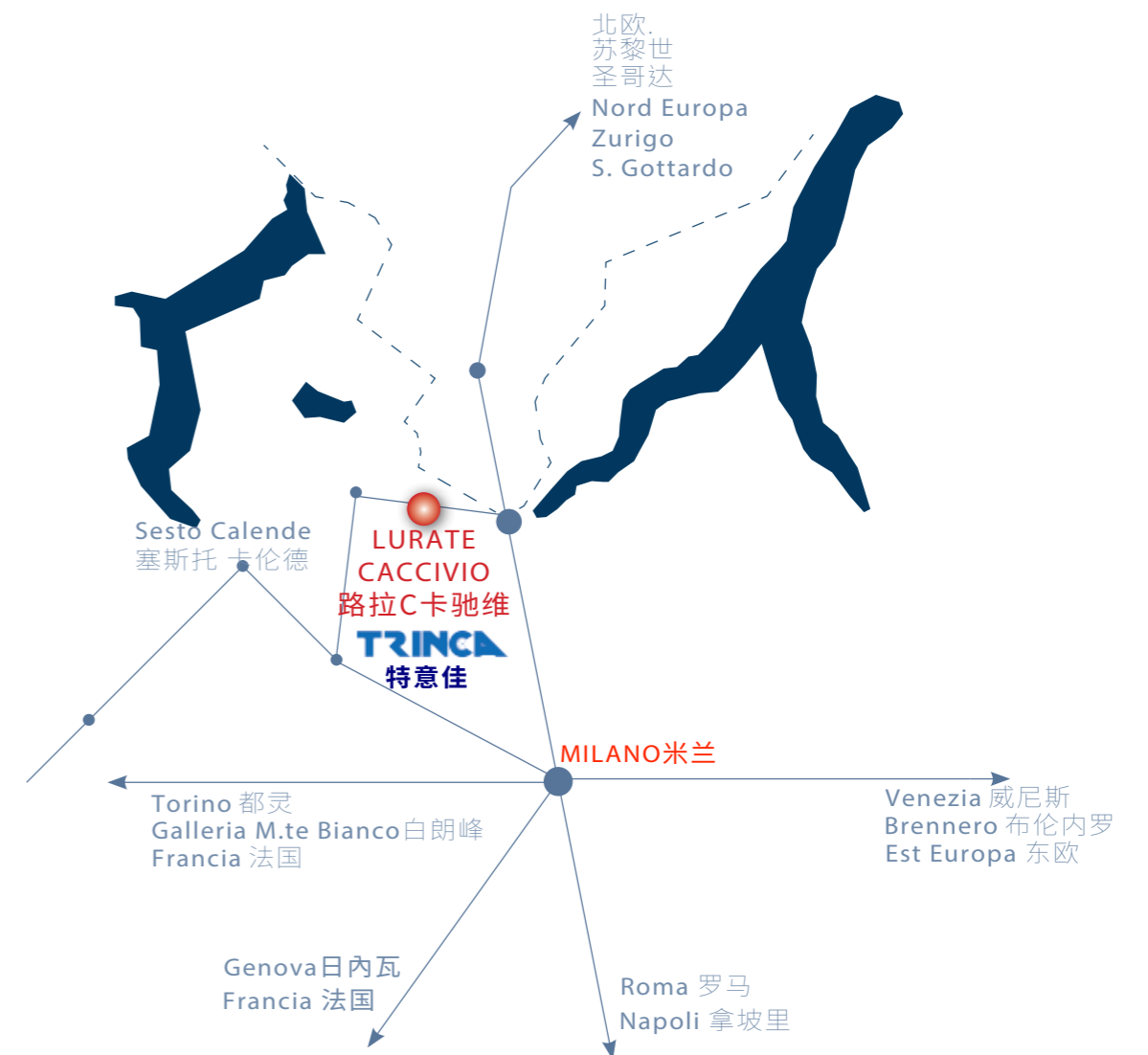
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macchine per
weaving machines for the production of technical fabrics la produzione
di tessuti tecnici
技术织物织机

TRINCA[®]


www.trinca.it





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