



# ACOTRONIC 600

采用复合针的高效钩编机，用于生产种类繁多的（弹性与非弹性的）  
技术织物以及有不脱线效果的平带与花边

high efficiency electronic crochet knitting machine  
using compound needles, for the production of a wide range of  
ribbons, laces and technical articles, both elastic and non-elastic



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复合针的使用令机器拥有多用性特点，因为经线不仅可使用传统合成纱线（涤纶，锦纶），可使用天然纱线（棉线、毛线）以及特殊纤维（凯夫拉尔纤维，玻璃纤维，碳纤维）。数量众多的梳栉与电子操作系统能设计出复杂的图案，以及很长的图案循环。

此机配有11把纬线梳栉：其中10把由电子控制，纬线横移达34毫米，而另1把由机械纬移装置驱动以用于底纹、锁边或控制弹性纱梳栉（BPE/CT11B）的运动。

对于宽幅50毫米、没有图案的恒定横移以及弹性纱梳栉（BPE/CT11B）的运动，建议使用带3个撑杆的机械纬移装置TRF/CT.3L进行驱动：这就是说最多可以有3把梳栉不受电子控制而通过纬移装置撑杆进行驱动。

根据需求，可配备电子驱动的附加经纱导纱管梳栉装置（BPO/STR）。此梳栉的电子驱动可使经纱织出不同的编织效果（开式锁圈，闭式锁圈，等等）而使织物拥有不脱线的特点。利用BPO/STR配合相应凸轮（TRICOT/S）驱动的标准经纱梳栉，可织出更复杂的编织效果（如，双重锁圈）。

提供的机器为标准配置，配有1个输送器用于弹性纱，1个输送器用于非弹性纱，1个经纱输送器，电子控制成品卷取装置：根据需求，也可在机器上安装，电子控制的，1个附加输送器用于非弹性纱。（必须在订购时说明输送器总数）。电子驱动在输送器与成品卷取装置上的应用使机器可在同一个样品上得到不同的针脚密度（每厘米的针链数）、输送纬线/经线的不同数值以及弹性指数。

COMEZ ACOTRONIC 600 机配有新型 DATA CONTROL 控制器，管理最新代的制动器，该制动器具有杰出动力性能和定位精确的特点。控制器可管理机器所有必需的功能，显示生产数据以及实现图案的长循环：每个图案的行数可达到一个无极限的数值。

图案操作与设计可通过我们的独有电脑纺织软件 COMEZ DRAW 3 或 SYSTEM.WIN 执行。通过闪存卡将图案数据从电脑上传到机器的 DATA CONTROL 控制器上。

至于电器部分，噪音水平及工作安全措施方面，都是根据国际法严格控制而设计制造的。

## 技术规范

针数	10 - 12 - 15 - 20针/英寸
针床针槽数	240 - 280 - 360 - 480
工作宽度	600毫米
纬线梳栉数量	10把电子控制梳栉 + 1把纬移装置控制梳栉
织针类型	复合针
针链密度	2.5 - 30针/厘米
电力输入	200 - 240 / 380 - 440伏，交流电，3相 + 地线
主马达功率	1.5千瓦
安装功率	6.575千伏安
噪音指数	大于70分贝

# ACOTRONIC 600

High efficiency electronic crochet knitting machine using compound needles, for the production of a wide range of ribbons, laces and technical articles, both elastic and non-elastic.

The compound needle renders the machine highly versatile as it allows the processing in the warp - in addition to classic synthetic yarns (polyester, polyamide) - of natural yarns (cotton, wool) and special fibres (kevlar, fibreglass, carbon) as well.

The high number of bars and electronic operating system allow for the creation of elaborate patterns, with very long pattern repeats. The machine is fitted with 11 weft bars: 10 bars have electronic control which can effect weft movements of up to 34 mm, while 1 bar is shifted by the mechanical weft device, to create grounds or edges or to control the heddle bar for elastic threads (BPE/CT11B).

For continual weft movements (without pattern) up to 50 mm, and for controlling the heddle bar for elastic threads (BPE/CT11B), the mechanical control of the triple-lever weft device TRF/CT.3L must be used: this enables users to disconnect up to 3 bars from the electronic control and operating them using the weft device levers. The supplementary warp tube bar with electronic drive (BPO/STR) can be supplied on request. The electronic drive of this bar allows various knit constructions to be obtained in the warp (open lock-stitch, closed lock-stitch, etc.), giving the fabric a lock-stitch characteristic. Using the BPO/STR together with the standard warp bar which is driven by special cams (TRICOT/S), it is possible to obtain more complex interlacings (for example, double lock-stitch).

The machine is supplied in a standard version with 1 feeder for elastic threads, 1 feeder for non-elastic threads, 1 feeder for warp threads and the finished product take-down electronically controlled: on request, additional elastic feeders for elastic or non-elastic threads with electronic control can be mounted on the machine (when ordering the machine, the total number of feeders must be specified).

The electronic drive applied to the feeders and the finished product take-down allows for the possibility of different stitch density values (stitches/cm) on one single product, as well as different values for weft/warp feeding and elasticity.

COMEZ ACOTRONIC 600 is fitted with the new DATA CONTROL CONTROLLER, governing the latest generation of actuators which feature excellent dynamic performance and positioning precision. The CONTROLLER manages all necessary machine functions, monitors production data and allows for the realisation of lengthy pattern repeats: the number of lines for each pattern can reach a value that is just about unlimited.

The pattern is carried out and programmed by our exclusive COMEZ DRAW 3 or SYSTEM.WIN PC textile software. Pattern data is transferred from a PC to the DATA CONTROL CONTROLLER on the machine by means of a COMPACT FLASH CARD.

Regarding electrical equipment, noise emission levels and operating safety, this machine conforms strictly to relevant international standards currently in force.

## TECHNICAL SPECIFICATIONS

Gauge	10 - 12 - 15 - 20 n.p.i.
Number of needle grooves on needle bed	240 - 280 - 360 - 480
Working width	600 mm
Number of weft bars	10 with electronic control + 1 controlled by the weft device
Needle type	compound needles
Stitch density	2.5 - 30 stitches/cm
Electrical supply mains	200 - 240 / 380 - 440 V, AC, 3-phase + earth
Main motor power	1.5 kW
Installed power	6.575 kVA
Noise emission	>70 dB (A)

机器配有:	THE MACHINE IS EQUIPPED WITH:	
3辊弹性纱输送机, 电子控制	<b>AL.3R/6TR</b>	3-roller feeder for elastic threads, with electronic control
3辊非弹性纱输送机, 电子控制	<b>ALDFT/6FTR</b>	3-roller feeder for non-elastic threads, with electronic control
积极式经线输送机, 电子控制	<b>AL.POS/6TR</b>	positive feeder for warp threads, with electronic control
弹性纱纬线梳栉	<b>BPE/600-CT11B</b>	heddle bar for elastic weft threads
产品错绕时的自停装置	<b>DAM/600</b>	automatic stop motions for incorrect product winding onto the rollers
断纱或空纱时的自停装置	<b>DAR/600</b>	automatic stop motions for thread breaks or empty cones
变频变速器 INVERTER	<b>INV</b>	electronic speed variator INVERTER
停车指示灯	<b>LS</b>	pilot lamp
保护工作区装置	<b>PAL/600</b>	work area safety device
成品卷取滚筒, 电子控制	<b>TIR/600.EL</b>	finished product take-down rollers, with electronic control
由偏心轮控制有3个撑杆的纬移装置.	<b>TRF/CT.3L</b>	weft device, controlled by eccentrics and 3 levers
常损件与配件标准供应包		standard supply package of consumables and accessories

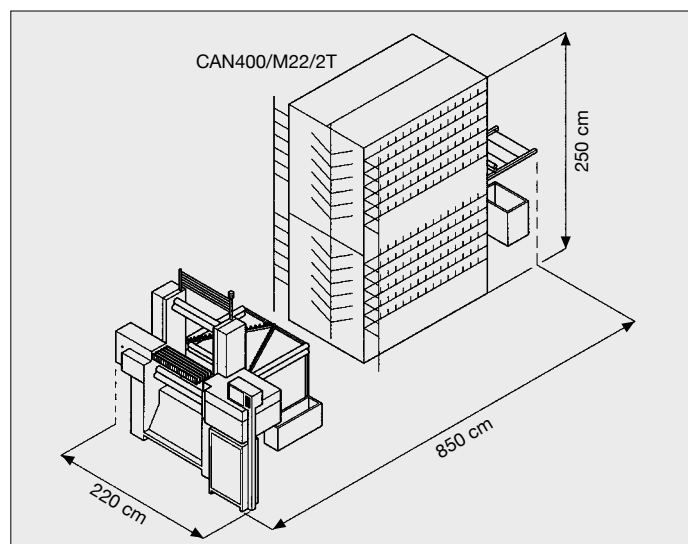
选件	ON REQUEST	
标准纱架, 筒子最大直径为22厘米		modular creels for cones $\varnothing$ max 22 cm
附加经纱导纱管梳栉, 电子控制	<b>BPO/STR-600</b>	supplementary warp tube bar, with electronic control
导纱管板块梳栉	<b>BT/600</b>	tube blocks bar
用于设计图样的 CAD/CAM 软件系统, 配有闪存卡读/写器 (使用许可授权)	<b>COMEZ DRAW 3</b>	CAD/CAM software system for the creation of pattern drafts complete with COMPACT FLASH CARD reader/writer (use licence grant)
热定型装置	<b>HSD-AL/800</b>	heat-setting device
双芽边装置, 机械控制	<b>PIKER/V2-600</b>	device for loose wefts effect on two edges, with mechanical control
经纱盘头支撑架	<b>PSOL/800</b>	beam carrier for warp threads
纬纱盘头支撑架	<b>PST/600</b>	beam carrier for weft threads
带2个侧滚筒的成品收集架, 机械控制	<b>REF/800</b>	finished product collector with 2 side-rollers, with mechanical control
HSD-AL/800装置的支架 (在不配备REF收集架情况下使用)	<b>RP.HSD/800</b>	support for HSD-AL/800 device (to be used in the absence of the REF collector)
弹性纱的自动卷取装置	<b>SM/ANT.F700</b>	automatic picking-up device for elastic threads
设计纬线梳栉移动梳栉的软件, 配有闪存卡读/写器 (使用许可授权)	<b>SYSTEM.WIN</b>	software for programming the shifting values of the weft bars, complete with COMPACT FLASH CARD reader/writer (use licence grant)
毛圈效果与尼龙搭扣毛圈部分装置 (“全满”) (如织造尼龙搭扣毛圈一面, 需与 <b>ALDFT/6FTR</b> 以及 <b>BPO/STR-600</b> 配用)	<b>TED/V-600PP</b>	device for terry effect and female part of the velcro fastener ("FULL SET") (to be used with <b>ALDFT/6FTR</b> and <b>BPO/STR-600</b> to produce the female part of the velcro fastener)
毛圈效果与尼龙搭扣毛圈部分装置 (“1:1”)	<b>TED/V-600PV</b>	device for terry effect and female part of the velcro fastener ('1:1')
用于多根针上锁针效果的凸轮装置	<b>TRICOT/S</b>	series of cams for obtaining the semi lock-stitch effect on a greater number of needles

## 重量和尺寸

机器净重	695公斤
机器毛重	895公斤
机器+纱架装箱尺寸	265 x 120 x 193厘米

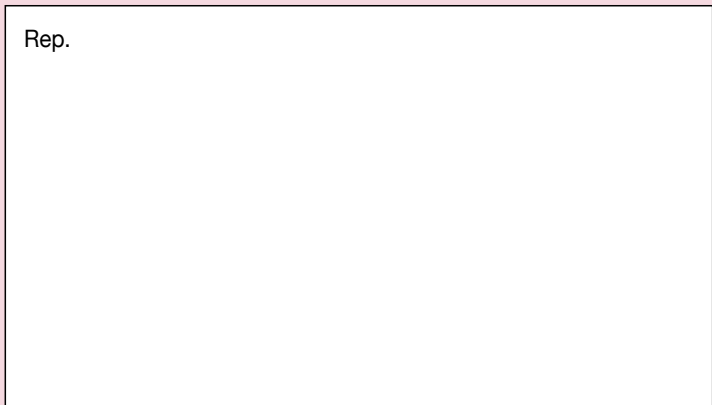
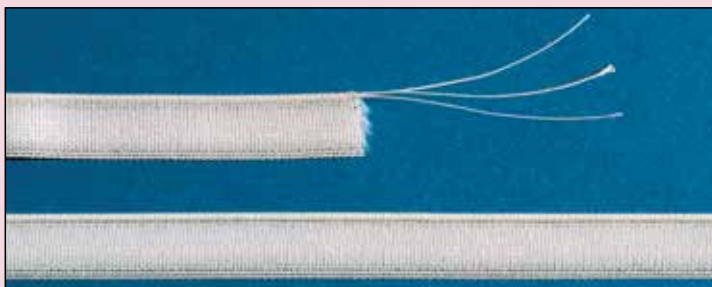
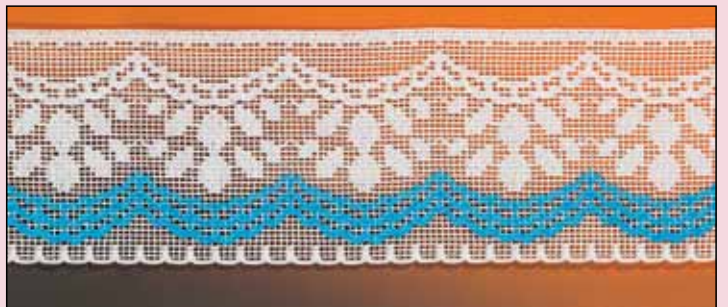
## WEIGHTS AND DIMENSIONS

machine net weight	695 kg
machine gross weight	895 kg
machine + creel crate dimensions	265 x 120 x 193 cm



COMEZ对于所有已销售的机器的机械部分, 电器部分和电子部分, 均提供12个月的保修期(从送机日期开始计算)。如证实为生产引起的损坏, 应由保修持有者提出。

For all machines sold, COMEZ supplies a 12-month warranty (in force as from the date of delivery) covering all mechanical, electrical and electronic parts. Proof of eventual manufacturing defects must be provided by the warranty holder.



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