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TPM/500

AUTOMATIC COLLARETTE CUTTING MACHINE FOR SMALL TUBULAR

AUTOMATIC COLLARETTE CUTTING MACHINE CLASS TPM/500

The collarette machine class TPM/500 is a fully automated unit for cutting with high accuracy and productivity collarette tapes from any flat folded NARROW WIDTH tubular knits (or in rolls with a device on request).The fabric is placed on a rotating disk and fed from bottom to top with two feeding rollers covered by special material with high grip to move tension free the fabric towards the cutting area.

The quick and simple loading of the machine and the very easy adjustment makes its use profitable even for cutting small lots of material.

This unit has been designed with the utmost attention to safety features to obtain, for the first time in the market, from **IMQ** (www.imq.it Italian Institute for Quality Trademarks) **the Certification of Examination "CE" for standards 2006/42/EC (Ref. IMQ/313)**. The technical file of the machine has been deposited by IMQ organization that has **declared the conformity to "CE" European Community Safety Standards**.

This means that AMP PISANI issues the "CE" certification of the machine and **IMQ** (Independent organization) **confirms that the unit fulfils the requirements of the aforementioned directive**.

FEATURES

- Tubular fabric width: from 30 to 70 cm 125 (12" to 27.5")
- Adjustable cutting speed up to 60 Mt/min with digital vectorial inverter standard included in the machine
- Pneumatically controlled crush cut knives in HSS steel cutting on a hardened steel drum located directly on the left feeding roller.
  The machine can cut with a high accuracy each kind of material, including knitted fleece, ribs, single jersey, fabrics with elastan and more.
- Cutting pressure of the knives pneumatically adjustable.
- Rewinding device of the cut strips with separate adjustment of cutting tension and of the and rewinding tension to obtain tension free collarette rolls. The rolls of collarette maintains its dimensional stability over time if stored.
- Easy and simple adjustment of the machine with automatic speed variation of the rotating base accordingly to tubular diameter and further possibility of a manual speed adjustment.
- Servomotor to open and closed the two vertical fabric feeding rollers symmetrically to the rotating base to eliminate any feeding tensions.
- Automatic cycle stop at the preset diameter of the collarette rolls (meter-counter on request)
- Width of the main cutting strip: from 15 to 180 mm (depending on the material)
- Number of cutting knives: Standard 3 blades (up to 5 blades with extra price)
- Other available models: TPM/1000 for tubular diameters from 40 to 100 cm and TPM/1250 for tubular diameters from 65 to 125 cm

DEVICES ON REQUESTS

➢ TPM/GR	Complete knife assembly
➢ TPM/CM	Electronic meter counter with automatic stop of the machine at the pre-set value
➢ TPM/RHV	Removable device for cutting tubular fabrics in rolls max diam 30 cm up to Kg. 20.
➢ TPM/FAL	Festooner system for collecting collarette strips into containers (must be supplied with TPM/CM device)

TECHNICAL DATA

Fabric diameter (min…max) (1)	30 ÷70 cm (12" ÷ 27.5")
Max cutting speed per band	60 mt/min
Number of blades (standard)	3
Max. Number of blades (2)	5
Space requirements	225 x 200 cm
Installed power (other voltages on request)	0.75 kW
Voltage supply	400V 50 Hz ±5%
Net weight	535 Kg
Gross weight	835 Kg
Packing dimensions	170x170x215 cm

(1) The max and/or min diameters may vary for very elastic or very rigid fabrics. We recommend to test the material by us to confirm.
(2) Depending on the material

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IMQ

ATTESTATO DI ESAME DI TIPO
TYPE EXAMINATION CERTIFICATE

Visto l'esito delle verifiche condotte in conformità con:
On the basis of our verifications carried out according to;
Requisiti essenziali della Direttiva 2006/42/CE
EssentialRequirements of the Directive 2006/42/EC

Si dichiara che il prodotto:
We declare that the product:
TAGLIACOLLARETTO AUTOMATICA
Automatic collarette cutting machine

Marca / *Trade Mark:* **PISANI**
Modelli / *Models*
TPM/250 – TPM/500 – TPM/1000 – TPM/1250

Fabbricato da:
Manufactured by:
A.M.P. PISANI SRL
VIA UNGARETTI, 6/8 – 27024 CILAVEGNA (PV)

Soddisfa le disposizioni della:
Meets the requirements of the:
Direttiva 2006/42/CE
Directive 2006/42/EC

Riferimento pratica IMQ:
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