



AMP PISANI SRL
Via Ungaretti 6/8
27024 CILAVEGNA (PV)
ITALY

Phone +39 0381 96128

Fax +39 0381 969100

www.amppisani.com

info@amppisani.com

ROLL SLITTING MACHINES

GENERAL CATALOGUE



AMA

PISANI



PRESENTATION OF THE COMPANY



Our passion is creating machinery. We have been doing it since long time.

For more than seven decades, AMP Pisani has been designing and manufacturing quality machinery for apparel and textile industries as well as for roll slitting applications and customized projects. We have been established since 1946.

Our vast product range consists of bra molding equipments and robotic systems for trimming foam bra cups, roll slitters for any application and bias machinery.

Collarette cutters, complementary machines for cutting room and automatic equipments for technical applications are also included in our product range.

Our skill of innovation has enabled us to achieve numerous technological innovations within the market, most of them patented.

AMP Pisani machinery is exclusively manufactured at our facility in Italy by a skilled team of mechanics, electricians and software engineers who are able to design and manufacture customized units.

About 25.000 machines have been manufactured since our establishment.

Our headquarter and manufacturing facility is located in the city of Cilavegna, at 50 km from Milan city center and at 40 km from Milan Malpensa International Airport.

A spare parts departments guarantee the quick delivery of spare parts and consumables (blades and grindstones) for all our equipments and our team can offer phone support, both technical and commercial, in the main European languages.

Our agents and distributors guarantee a worldwide distribution and technical assistance to our products.



AMP PISANI PRODUCTS

1. MACHINES FOR MOLDING BRA CUPS AND ROBOTS

- Fully automatic robot cutter for trimming foam bra cups
- Molding machines for foam and spacer fabrics class P88
- Molding machines for fabric with two molds class P92, P94, P96 P96/XXL P96/R170
- Single head molding machine P90 for small lots or prototyping (P90/XXL available for large sizes)
- Special molding machines for technical applications

2. AUTOMATIC AND MANUAL ROLL SLITTERS FOR ANY APPLICATION

- Automatic and numerically controlled roll slitting machines class T/1800F, T1000/E_LFT, T1000EX, T/540 T/520EX T/500EX and automatic pneumatic model T/300EX.
- Manual roll slitting machines class T/100EX, T/50EX and T50EX_HD

3. BIAS GROUP, WINDING MACHINES, PRESSING MACHINES AND OTHER EQUIPMENTS

- BIAS GROUP for the production of bias fabrics with warp and weft at 45 degrees, available in the automatic model GCT and SPR/SYNCR0 or in the simplified model class C/2000E and SPR/2000S.
- Automatic BIAS GROUP for sewing SISAL and cotton materials for polishing discs
- Automatic winding machines class APR and manual machines class APM
- Pressing machines for ribbons and waistbands class ROTOSTIR and MINISTIR
- Hot cut machines class TX and MINICUT.
- Perforating machines for edge control ribbons class PERF

4. COLLARETTE CUTTING MACHINES AND BANDKNIFE

- Automatic collarette machines class TPM
- Manual collarette machines class 972
- Automatic machines for opening and rewinding the tubular fabric class SP/160
- Band knife machines class BK

5. MISCELLANEOUS EQUIPMENTS

- Automatic cutter for foam rectangles LTR/1600

Our R & D department is at your service for special applications and for customized projects

THE BROCHURES OF ALL OUR MACHINES CAN BE DOWNLOADED

FROM OUR WEB SITE WEB www.amppisani.com



AMP PISANI ROLL SLITTING MACHINES

AMP Pisani, a leading manufacturer of cutting machines, has over than 40 years of experience in the production of automatic and semiautomatic roll slitting machines for every application with high productivity, affordability, safety features and ergonomically designed for the operator.

Extensive experience in slitting allows AMP Pisani to offer solutions for any slitting need of fabric and non-woven materials with or without adhesive and, with suitable devices, for slitting technical materials such as foam rolls in polyethylene and PVC, glass and carbon fibres, plastic films, rubber, masking tapes, roofing materials, and more.

Our production range of automatic slitters consists of high performances models for heavy rolls class T/1000E_LFT with loading device for rolls of weight up to 200 kg, T1000EX, T/540, T/520EX and T/500EX with worm-screw positioning of the blade carriage plus model T/300EX with pneumatic displacement of the blade carriage having an excellent price/performance ratio.

The semiautomatic roll slitting machine class T/100EX is the best solution for cutting different types of rolled materials. The machine is ergonomically designed and easy to use by the operator as the blade carriage automatically indexes to the preset cutting width. The blade is totally enclosed in a guard and the operator can start the blade and roll rotation for the cut only if both hands are engaged on pushbuttons. The machine is available for slitting rolls with length up to 250 cm.

The simplified semiautomatic roll slitting machine class T/50EX, less expensive but with features similar to T/100EX machine, can cut smaller rolls and it is the best solution for the end user.

We offer also the semiautomatic model T50EX_HD, designed for slitting plastic films in roll and other special applications

All the units comply with the strict European safety standards and, for the **first time in the market**, the whole range of equipments has obtained from IMQ (Italian Institute for Quality Trademarks www.imq.it) the **Certification of Examination “CE” for standards 2006/42/EC**.

The technical file of each machine has been deposited by IMQ organization that has certified the conformity to EC (European Community) Machine Safety Standards.

This means that, while AMP PISANI issues the “CE” certification of the machine, IMQ (Independent organization) confirms that the unit fulfils the requirements of the aforementioned directive



AMP PISANI RANGE OF SLITTING MACHINES

MODEL	TYPE	BLADE DIAMETER	ROLL DIAMETER	ROLL LENGTH
T/1800F	Automatic with Numerical Control	800 mm (31.5")	750 mm (29.5")	2.000 mm (78.7")
T1000EX_LFT	Automatic with Numerical Control	600 mm (23.6")	500 mm (19.7")	2.000 mm (78.7")
T1000EX (b)	Automatic with Numerical Control	500 mm (19.6")	400 mm (15.7")	2.000 mm (*) (78.7")
T/540	Automatic with Numerical Control	500 mm (19.6")	400 mm (15.7")	1750 mm (*) (68".3/4)
T/520EX (a) (c)	Automatic with Numerical Control	450 mm (17.7")	300 mm (11.8")	1.850 mm (*) (73")
T/500EX (a) (c)	Automatic with Numerical Control	450 mm (17.7")	300 mm (11.8")	1.850 mm (*) (73")
T/300EX (a)	Automatic Pneumatic	450 mm (17.7")	250 mm (9.84")	1.830 mm (*) (72")
T/100EX (a)	Manual	450 mm (17.7")	300 mm (11.8")	1.850 mm (73") (*)
T50EX	Manual	400mm (17.7")	250mm (9.84")	1.600 mm (****) (63")
T50EX_HD (***)	Manual	360 mm (14.2")	200 mm (7.87")	1.600 mm (****) (63")

Because of the continuous development, the technical data are not binding. The company can vary them at any time without notice.

- (a) Other roll length on requests
- (b) Machine available on requests with blade diam. 600 mm for max roll dimensions 500 x 2.000 mm
- (c) Machine available on requests with blade diam. 500 mm for max roll dimensions 400 x 1850 mm
- (d) Machine for slitting laminated plastic foils (NOT for fabrics)
- (e) Machine can load rolls up to 200 cm long but blade carriages move at 160cm max from the chuck

1. **Roll length** refers to the max displacement of the blade carriage from the chuck
2. The maximum roll length that is possible to load on the machine is 2.400 mm (94.5") for T1000EX, 2.150 mm (82.6") for T/300EX, T/500EX, T/520EX and T/100EX; 2.000 mm (78.75") for T/540, T/1000EX_LFT, T/50EX and T50EX_HD
3. The unit T/50E is available with longer roll shaft support to slit rolls up to 220 cm width (86" 1/2) but with the max displacement of the blade carriage from the chuck is still 160 cm (63")



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

Essential Requirements of the Directive 2006/42/EC

Si dichiara che il prodotto:

We declare that the product:

**TAGLIAROTOLO AUTOMATICA CON BARRA
ROTATIVA PER ESPANSI**

Automatic roll slitter with rotary shaft for foam

Marca / Trade Mark **A.M.P. PISANI**

Modello / Model **T/1000E LFT - T/540**

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

IMQ assessment file

50AQ00135

Questo documento è composto da 2 pagine comprendenti 1 allegato | This document is composed of 2 pages including 1 annex

2018-07-30

Data emissione
Issue date

2023-07-29

Data di scadenza
Expiry date

Sperandini Francesco
Jul 30 2018 5:06 PM

esign

IMQ

Questo Attestato può essere riprodotto solo integralmente e senza alcuna variazione. Esso è soggetto alle condizioni generali e particolari di fornitura dei servizi di valutazione della conformità ai sensi delle Direttive comunitarie per le quali IMQ opera come Organismo Notificato. This Certificate may only be reproduced in its entirety and without any change. It is subject to the general and particular Rules for the provision of conformity assessment services under the EU Directives for which IMQ acts as Notified Body.

1/2

Mod. 707/B



ALLEGATO/ANNEX
N. IMQ 299 Rev. 0

RIFERIMENTO PRATICA IMQ / IMQ assessment file 50AQ00135

Marca / Trade mark PISANI
Modello / Model T1000E/LFT – T/540

DATI TECNICI – GENERALITÀ / TECHNICAL DATA – GENERAL		
	T/540	T/1000E LFT
Massime dimensioni del rotolo [mm] Maximum roll dimension [mm]	400 x 2000	500 x 2000
Portata massima [kg] / Maximum load [kg]	60	200
ULTERIORI INFORMAZIONI / FURTHER INFORMATION		
T/1000E LFT è dotata di un sistema di carico LFT / is equipped with a loading system LFT		

 Sperandini Francesco
Jul 30 2018 5:07 PM


IMQ

Mod. 707/8

DATA EMISSIONE / ISSUE DATE 2018-07-30
DATA SCADENZA / EXPIRED DATE 2023-07-29

2/2

Questo Attestato può essere riprodotto solo integralmente e senza alcuna variazione. Esso è soggetto alle condizioni generali e particolari di fornitura dei servizi di valutazione della conformità ai sensi delle Direttive comunitarie per le quali IMQ opera come Organismo Notificato / This Certificate may only be reproduced in its entirety and without any change. It is subject to the general and particular Rules for the provision of conformity assessment services under the EU Directives for which IMQ acts as Notified Body



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:

Si dichiara che il prodotto:
We declare that the product:

Requisiti essenziali della Direttiva 2006/42/CE

Essential Requirements of the Directive 2006/42/EC

TAGLIAROTOLO AUTOMATICA

Automatic roll slitter

Marca / Trade Mark **A.M.P. PISANI**

Modello / Model **T/300EX - T/500EX - T/520EX - T1000EX**

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
IMQ assessment file

50AQ00140

Questo documento è composto da 2 pagine comprendenti 1 allegato | *This document is composed of 2 pages including 1 annex*

2018-07-30

Data emissione
Issue date

2023-07-29

Data di scadenza
Expiry date

Sperandini Francesco
Jul 30 2018 5:07 PM

cosign

IMQ

Questo Attestato può essere riprodotto solo integralmente e senza alcuna variazione. Esso è soggetto alle condizioni generali e particolari di fornitura dei servizi di valutazione della conformità ai sensi delle Direttive comunitarie per le quali IMQ opera come Organismo Notificato. This Certificate may only be reproduced in its entirety and without any change. It is subject to the general and particular Rules for the provision of conformity assessment services under the EU Directives for which IMQ acts as Notified Body.

1/2

Mod. 707/8



ALLEGATO/ANNEX
N. IMQ 300 Rev. 0

RIFERIMENTO PRATICA IMQ / IMQ assessment file 50AQ00140

Marca / Trade mark PISANI

Modello / Model T/300EX – T/500EX – T/520EX – T1000EX

DATI TECNICI – GENERALITÀ / TECHNICAL DATA – GENERAL				
	T/300EX	T/500EX	T/520EX	T1000EX
Diametro lama [mm] / Blade diameter [mm]	450	450	450 / 500	500
Portata massima [kg] / Maximum load [kg]	60	60	60	100
Diametro massimo rotolo [mm] Maximum roll diameter [mm]	300	300	400	400
Larghezza massima di taglio [mm] Maximum roll lenght [mm]	1850	1850	1850	2000

Sperandini Francesco
Jul 30 2018 5:07 PM

cosign

IMQ

Mod. 707/8

DATA EMISSIONE / ISSUE DATE 2018-07-30
DATA SCADENZA / EXPIRED DATE 2023-07-29

2/2

Questo Attestato può essere riprodotto solo integralmente e senza alcuna variazione. Esso è soggetto alle condizioni generali e particolari di fornitura dei servizi di valutazione della conformità ai sensi delle Direttive comunitarie per le quali IMQ opera come Organismo Notificato / This Certificate may only be reproduced in its entirety and without any change. It is subject to the general and particular Rules for the provision of conformity assessment services under the EU Directives for which IMQ acts as Notified Body



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
Essential Requirements of the Directive 2006/42/EC

Si dichiara che il prodotto:
We declare that the product:

TAGLIAROTOLI SEMIAUTOMATICA
Semiautomatic Roll Slitter

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

Norma di riferimento:
Reference standard:

EN 60204

Riferimento pratica IMQ:
IMQ Reference:

50AQ00139

2018-12-20
Data emissione
Issue date

2023-12-19
Data di scadenza
Expiry date

P. Jussani

cosign

IMQ

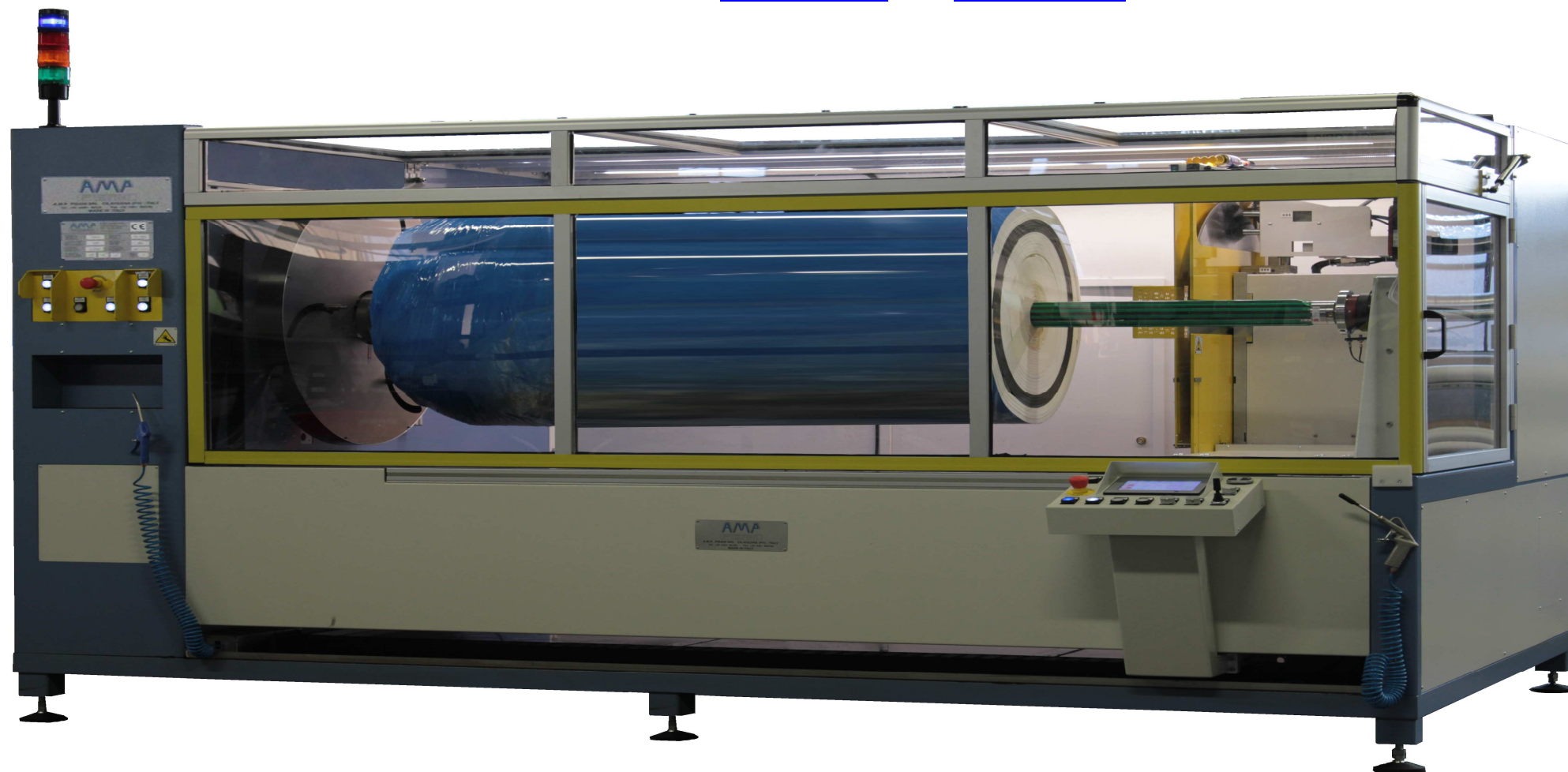
Questo Attestato può essere riprodotto solo integralmente e senza alcuna variazione. Esso è soggetto alle condizioni generali e particolari di fornitura dei servizi di valutazione della conformità ai sensi delle Direttive comunitarie per le quali IMQ opera come Organismo Notificato
This Certificate may only be reproduced in its entirety and without any change. It is subject to the general and particular Rules for the provision of conformity assessment services under the EU Directives for which IMQ acts as Notified Body

1/1

Mod. 707/B



A.M.P PISANI S.r.l. Via Ungaretti 6/8 27024 CILAVEGNA (PV) ITALY
Phone +39 0381 96128 Fax +39 0381 969100 www.amppisani.com email: info@amppisani.com



T/1800F

AUTOMATIC ROLL SLITTER FOR FOAM, RUBBER AND FILMS

NUMERICALLY CONTROLLED AUTOMATIC ROLL SLITTER CLASS T/1800F

Numerically controlled automatic roll slitting machine for rolls with max diameter 750 mm, blade diameter 800mm, max displacement of the blade carriage from the chuck of 175 cm and possibility to load rolls with max length 200 cm from the front of the machine with a removable roll shaft. This machine has been designed with the utmost attention to safety features using the same devices of model **T/1000EX** which has obtained the **Certification of Examination "CE" for standards 2006/42/EC (Ref. IMQ/300)** from **IMQ** (Istituto Italiano del Marchio di Qualità - Italian Institute for Quality Trademarks).

The machine can process rolls of foam (PVC and polyurethane) even laminated with or without adhesives, rubber, plastic films, material for thermal and acoustic insulation of the buildings, glass and carbon fibers, roofing materials etc.

FEATURES

- Machine totally closed and highly safe for its operator. LED lights for very clear internal illumination of the machine. All machine motors are brushless.
- Automatic opening of the machine front door with pneumatic cylinder and safety system to avoid its sudden drop in case of power cut or interruption of the compressed air supply
- Numerically controlled positioning of the blade carriage with brushless motor and automatic cut with the possibility of programming up to 6 cutting measures for each automatic cycle.
- Closed loop controlled brushless motors to adjust the blade rotation speed up to 600 RPM and the roll rotation speed up to 500 RPM with possibility to choose the roll rotation direction.
- Numerically controlled blade penetration movement into the roll with three adjustable cutting speeds (entry speed into the roll, cutting speed and cardboard core cutting speed) adjustable on continuous rate with wormscrew movement and brushless motor closed loop controlled.. Photocell to detect the roll diameter and laser pointer to indicate the actual position of the blade on the roll.
- Laser system to measure the blade diameter and its circularity error with automatic adjustment of stop position near the roll support shaft. No knob to adjust the forward travel end of the blade carriage.
- Quick blade return function out of the roll after slitting during the automatic cycle. The stop position outside the roll can be varied with the machine joystick
- Automatic blade positioning function at the roll edge with possibility of automatic blade carriage return to an initial preset position
- Self-centering pneumatic chuck with double clamping mechanism on the cardboard core and on the roll external surface with possibility to adjust the clamping pressure plus adjustable mechanical travel end of the external grippers stroke to avoid excessive pressure on the roll surface in case of soft materials
- Expanding rotary shaft removable from the front of the unit with easy-to-replace plastic grippers along the whole shaft extension. Shaft diam. 3" with the possibility of using interchangeable 4" and 5 "shafts.
- Automatic sharpening of the circular knife on both sides with adjustable sharpening time after a programmed number of cuts. Blade speed will be set automatically to the optimal sharpening speed during operation. Sharpening parameters of the auxiliary sharpener can be programmed with values different from those of the main sharpener. The unit includes a device to dress the main grindstone with a diamond.
- Automatic blade lubrication and cooling system with adjustable frequency (single or multiple) and lube on/off times with possibility to use pure silicon oil or water mixed with silicone glycol
- Up to 50 different cutting cycles. All cutting parameters can be stored and retrieved into the machine memory from each program. Machine prepared for connection Industry 4.0 with Modbus/TCP protocol
- PLC controlled machine with a separate safety PLC to control the safety devices and equipped with complete diagnostic software to inform the operator of any possible alarm and to display instructions to restart the unit on a touch screen graphic panel. Maximum roll dimensions: diam. 750 mm (29" ½) x 2.000 mm (79"), Max weight Kg 100 (220 lbs)

DEVICES ON REQUEST

- T500/CLN Automatic blade cleaning system on both sides
- T500/COL Blade cooling system with compressed air temperature minus 20 °C
- T1000/LNK Internet link for connection to AMP Pisani service for troubleshooting and software updates
- T1800/BAR3 Expanding roll shaft for cardboard tubes with internal diameter 3 "
- T1800/BAR4 Expanding roll shaft for cardboard tubes with internal diameter 4 "
- T1800/BAR5 Expanding roll shaft for cardboard tubes with internal diameter 5 "

TECHNICAL DATAS

- Max roll dimensions : diam 750 x 2.000 (29" ½ x 80") – Kg. 100
- Blade diameter : 800 mm (31" ½)
- Roll shaft diameter : 3" (76 mm). Other measures on request
- Electrical data : 7 kW 400V 50Hz 3-phases (other voltages on request)
- Space requirements and weight : 3300 x 2100 x 1900 (h) mm, Kg. 2.900
- Compressed air : 6 bar
- Accuracy of blade positioning : ±0.01 mm

AMA

PISANI

A.M.P PISANI S.r.l. Via Ungaretti 6/8 27024 CILAVEGNA (PV) ITALY
Phone +39 0381 96128 Fax +39 0381 969100 www.amppisani.com email: info@amppisani.com



T/1000E LFT

HEAVY DUTY NUMERICALLY CONTROLLED SLITTING MACHINE WITH LOADING DEVICE

NUMERICALLY CONTROLLED SLITTING MACHINE CLASS T/1000E LFT

The numerically controlled slitting class T/1000ELFT for heavy rolls can slit rolls up to diam 500mm (20") and length 2000mm (78") with maximum weight 200kg. The maximum displacement of the blade carriage from the chuck is 1920mm. The roll lifting system allows the operator an easy loading of heavy rolls. The roll trolley can move manually along the whole length of the roll shaft to thread easily the roll and the up/down movement is controlled by brushless motors

This machine is designed with the utmost attention to safety features in order to obtain from IMQ (Italian Institute for Quality Trademarks www.imq.it) the **Certification of Examination "CE" for standards 2006/42/EC (ref. IMQ299)**. The technical file of the machine has been deposited by IMQ organization that has certified the conformity to EC (European Community) Machine Safety Standards. This means that, while AMP PISANI issues the "CE" certification of the machine, IMQ (Independent organization) confirms that the unit fulfils the requirements of the aforementioned directive.

This unit is particularly suitable to slit large and heavy rolls of nonwoven, foam and laminated foam, felt, glass fibres, rubber and roofing materials, tar rolls, films, fabrics, laminated fabrics etc.

FEATURES

- Machine totally closed and highly safe for its operator. Automatic opening of the machine front door with pneumatic cylinder and safety system to avoid the its sudden drop in case of power cut or interruption of the compressed air supply
- Numerically controlled positioning of the blade carriage with brushless motor and automatic cut with the possibility of programming up to 6 cutting measures for each automatic cycle. LED lights for a clear illumination inside the machine
- All machine motors are brushless. Roll motor, blade motor and blade positioning motors are closed loop controlled. A signal tower indicates the actual machine status
- Adjustable blade rotation speed (up to 700 RPM) and adjustable roll rotation speed (up to 450 RPM) with possibility to choose the roll rotation direction.
- Numerically controlled blade penetration movement into the roll with three adjustable cutting speeds (entry speed into the roll, cutting speed and cardboard core cutting speed) adjustable on continuous rate with wormscrew movement and brushless motor. Photocell to detect the roll diameter and laser pointer to indicate the actual position of the blade on the roll.
- Laser system to measure the blade diameter and its circularity error with automatic adjustment of stop position near the roll support shaft. No knob to adjust the forward travel end of the blade carriage.
- Quick blade return function out of the roll after slitting during the automatic cycle with a measuring photocell to stop a reverse stroke of the blade carriage once the blade is completely out of the roll. The blade stop position outside the roll can be adjusted with the machine joystick. Automatic blade positioning function at the roll edge with possibility of automatic blade carriage return to an initial preset position
- Self-centering pneumatic chuck with double clamping mechanism on the cardboard core and on the roll external surface with possibility to adjust the clamping pressure plus adjustable mechanical travel end of the external grippers stroke to avoid excessive pressure on the roll surface in case of soft materials
- Expanding rotary roll shaft with plastic grippers along the whole shaft length which can be easily replaced. Roll shaft diam. 76,4 mm (3") or 80 mm as per choice. This unit cannot be supplied with interchangeable roll shafts
- Automatic lock system of the roll shaft extremity by a sliding arm with pneumatic clamping system
- Automatic sharpening of the circular knife on both sides with adjustable sharpening time after a programmed number of cuts by BORAZON grindstones. Blade speed will be set automatically to the optimal sharpening speed during operation. The sharpening parameters of the auxiliary sharpener can be programmed with values different from those of the main sharpener.
- Automatic blade cooling system with nebulized water and collection tank in stainless steel. The liquids can be discharged outside the machine with a tube.
- Automatic blade lubrication with adjustable frequency (single or multiple) and lube on/off times with possibility to use pure silicon oil or water mixed with silicone glycol
- Door on the rear side of the machine for easy access to the blade carriage with sensor to sudden stop the machine once it has been opened
- Up to 50 different cutting cycles. All cutting parameters can be stored and retrieved into the machine memory from each program. Machine prepared for connection Industry 4.0 with Modbus/TCP protocol
- PLC controlled machine with a separate safety PLC to control the safety devices and equipped with complete diagnostic software to inform the operator of any possible alarm and to display instructions to restart the unit on a touch screen graphic panel. Maximum roll dimensions: diam. 500 mm (20"), length 2000 mm (78"), weight Kg. 200 (440 lbs).

DEVICES ON REQUEST

- T500/CLN Automatic blade cleaning system on both sides
- T1000/LNK Internet link for connection to AMP Pisani service for troubleshooting and software updates
- T500/COL Blade cooling system with compressed air temperature minus 20 °C

TECHNICAL DATAS

- Max roll dimensions: diam 500 mm x 2.000 mm (20" x 80") – Kg. 200
- Blade diameter: 600 mm
- Roll shaft diameter: 76,4 mm (3") or 80 mm at choice.
- Electrical data: 7 kW 400V 50Hz 3-phases or 220 V 3-phases 50/60Hz
- Space requirements and weight: 5.070 x 2.130 x 1.750 (h) mm, Kg. 2500
- Compressed air: 6 bar
- Water: 2 bar
- Accuracy of blade positioning: ± 0.01 m





A.M.P PISANI S.r.l. Via Ungaretti 6/8 27024 CILAVEGNA (PV) ITALY
Phone +39 0381 96128 Fax +39 0381 969100 www.amppisani.com email: info@amppisani.com



T1000EX
NUMERICALLY CONTROLLED SLITTING MACHINE FOR HEAVY ROLLS

NUMERICALLY CONTROLLED SLITTING MACHINE CLASSE T1000EX

The T1000EX numerical controlled roll slitter for heavy rolls up to 400mm diameter and with a maximum weight of 100 kg. The maximum displacement of the blade carriage from the chuck of 200 cm with possibility to load rolls with maximum length 235cm. This machine is designed with the utmost attention to safety features to obtain from IMQ (Italian Institute for Quality Trademarks) the **Certification of Examination "CE" for standards 2006/42/EC (ref. IMQ300)**. The technical file of the machine has been deposited by IMQ organization that has certified the conformity to EC (European Community) Machine Safety Standards. This means that, while AMP PISANI issues the "CE" certification of the machine, IMQ (Independent organization) confirms that the unit fulfils the requirements of the aforementioned directive.

The unit is particularly suitable to slit large and heavy rolls of nonwoven, foam and laminated foam, felt, glass fibres, rubber and roofing materials, tar rolls, films, fabrics, laminated fabrics etc.

FEATURES

- Machine totally closed and highly safe for its operator. LED lights for very clear internal illumination of the machine. All machine motors are brushless.
- *Automatic opening of the machine front door with pneumatic cylinder and safety system to avoid the its sudden drop in case of power cut or interruption of the compressed air supply*
- Numerically controlled positioning of the blade carriage with brushless motor and automatic cut with the possibility of programming up to 6 cutting measures for each automatic cycle.
- Closed loop controlled brushless motors to adjust the blade rotation speed up to 700 RPM and the roll rotation speed up to 450 RPM with possibility to choose the roll rotation direction.
- Numerically controlled blade penetration movement into the roll with three adjustable cutting speeds (entry speed into the roll, cutting speed and cardboard core cutting speed) adjustable on continuous rate with wormscrew movement and brushless motor closed loop controlled.. Photocell to detect the roll diameter and laser pointer to indicate the actual position of the blade on the roll.
- Pivoting cutting head (on request) with adjustment of the angle between the blade and the roll controlled by a brushless motor with commands on the machine panel and dial indicator to display the position reached.
- Laser system to measure the blade diameter and its circularity error with automatic adjustment of stop position near the roll support shaft. No knob to adjust the forward travel end of the blade carriage.
- Quick blade return function out of the roll after slitting during the automatic cycle. The stop position outside the roll can be varied with the machine joystick
- Automatic blade positioning function at the roll edge with possibility of automatic blade carriage return to a initial preset position
- Self-centering pneumatic chuck with double clamping mechanism on the cardboard core and on the roll external surface with possibility to adjust the clamping pressure plus adjustable mechanical travel end of the external grippers stroke to avoid excessive pressure on the roll surface in case of soft materials
- Automatic sharpening of the circular knife on both sides with adjustable sharpening time after a programmed number of cuts. Blade speed will be set automatically to the optimal sharpening speed during operation. Sharpening parameters of the auxiliary sharpener can be programmed with values different from those of the main sharpener. The machine includes a device to dress the main grindstone with a diamond.
- Automatic blade lubrication with adjustable frequency (single or multiple) and lube on/off times with possibility to use pure silicon oil or water mixed with silicone glycol
- Up to 50 different cutting cycles. All cutting parameters can be stored and retrieved into the machine memory from each program. Machine prepared for connection Industry 4.0 with Modbus/TCP protocol
- PLC controlled machine with a separate safety PLC to control the safety devices and equipped with complete diagnostic software to inform the operator of any possible alarm and to display instructions to restart the unit on a touch screen graphic panel. Maximum roll dimensions: diam. 400 mm (16") x 2.350 mm (92"), Max weight Kg 100 (220 lbs)

DEVICES ON REQUEST

- T500/CLN Automatic blade cleaning system on both sides
- T1000/D60 Machine with blade diam. 60 cm for rolls max diam. 50 cm
- T1000/LNK Internet link for connection to AMP Pisani service for troubleshooting and software updates
- T1000/BROT Rotary shaft
- T1000/BAR75 Extra for roll shaft with diameter 75 mm (3")
- T500/COL Blade cooling system with compressed air temperature minus 20 °C
- T1000/PVT Blade carriage with pivoting head

TECHNICAL DATAS

- Max roll dimensions: diam 400 x 2.000 (16" x 80") – Kg. 100
- Blade diameter: 500 mm
- Roll shaft diameter: 50 mm (other measures on request)
- Electrical data.....: 7 kW 400V 50Hz 3-phases (other voltages on request)
- Space requirements and weight: 3260 x 1930 x 1640 (h) mm, Kg. 2850
- Compressed air: 6 bar
- Accuracy of blade positioning: ± 0.01 mm

N. IMQ 300 Rev. 0

IMQ

ATTESTATO DI ESAME DI TIPO
TYPE EXAMINATION CERTIFICATE

Vale l'esito delle verifiche condotte in conformità con:
On the basis of our verifications carried out according to:

Si dichiara che il prodotto:
We declare that the product:

Fabbricato da:
Manufactured by:

Soddisfa le disposizioni della:
Meets the requirements of the:

Attestamento tecnico IMQ
IMQ assessment file:

Requisiti essenziali della Direttiva 2006/42/CE
Essential requirements of the Directive 2006/42/EC:

TAGLIAROTOLI AUTOMATICA
Automatic roll slitter

Marca / Trade mark: **A.M.P. PISANI**
Modello / Model: **T/300EX - T/500EX - T/520EX - T1000EX**

A.M.P. PISANI SRL
VIA UNGARETTI, 4/8 – 27024 CILAVEGNA (PV)

Direttiva 2006/42/CE
Directive 2006/42/EC

SDAQ001-40

Questo documento è composto da 2 pagine comprendenti 1 allegato | This document is composed of 2 pages including 1 annex

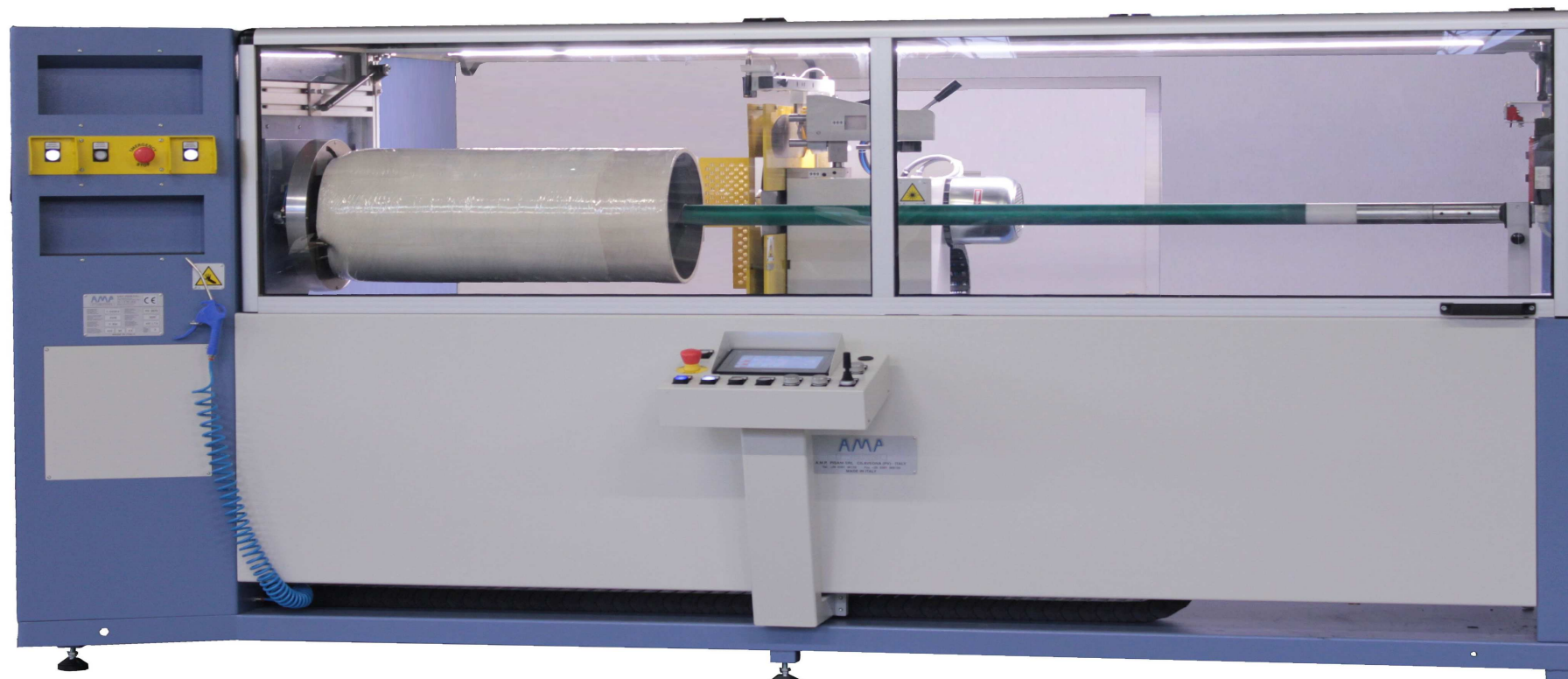
2018-07-30
Data emissione
Issue date

2023-07-29
Data di accettazione
Acceptance date

 Spresutti Francesco
14/10/2018 15:00
IMQ



A.M.P PISANI S.r.l. Via Ungaretti 6/8 27024 CILAVEGNA (PV) ITALY
Phone +39 0381 96128 Fax +39 0381 969100 www.amppisani.com email: info@amppisani.com



T/540

AUTOMATIC ROLL SLITTING MACHINE FOR FOAM, RUBBER AND FILMS

NUMERICALLY CONTROLLED AUTOMATIC ROLL SLITTING MACHINE FOR FOAM, RUBBER AND FILMS T/540

Numerically controlled automatic roll slitting machine for rolls with max diameter 400 mm, max displacement of the blade carriage from the chuck of 175 cm and possibility to load rolls with max length 200 cm.

This machine is designed with the utmost attention to safety features in order to obtain from IMQ (www.imq.it Italian Institute for Quality Trademarks) the **Certification of Examination “CE” for standards 2006/42/EC (ref. IMQ299)**. The technical file of the machine has been deposited by IMQ organization that **has certified the conformity to CE (European Community) Machine Safety Standards**.

The machine can process rolls of foam (PVC and polyurethane) even laminated with or without adhesives, rubber, plastic films, material for thermal and acoustic insulation of the buildings, glass and carbon fibers, roofing materials etc.

TECHNICAL FEATURES

- Totally closed machine. Highly safe for the operator, no diffusion of cutting dust and less noise. LED lights for a clear illumination inside the machine
- Numerically controlled positioning of the blade carriage with brushless motor and automatic cut with the possibility of programming up to 6 cutting measures for each automatic cycle.
- All machine motors are brushless. Roll motor, blade motor and blade positioning motors are closed loop controlled.
- Adjustable blade rotation speed (up to 700 RPM) and adjustable roll rotation speed (up to 450 RPM) with possibility to choose the roll rotation direction.
- Numerically controlled blade penetration movement into the roll with wormscrew movement and brushless motor. with three adjustable cutting speeds (entry speed into the roll, cutting speed and cardboard core cutting speed) adjustable on continuous rate. Photocell to detect the roll diameter and laser pointer to indicate the actual position of the blade on the roll.
- Laser system to measure the blade diameter and its circularity error with automatic adjustment of stop position near the roll support shaft. No knob to adjust the forward travel end of the blade carriage
- Automatic blade positioning function at the roll edge with possibility of automatic blade carriage return to an initial preset position
- Automatic roll diameter adjustment with a measuring photocell to stop the reverse stroke of the blade carriage once the blade is out of the roll. The stop position outside the roll can be adjusted with the machine joystick
- Self-centering pneumatic chuck with double clamping mechanism on the cardboard core and on the roll external surface with possibility to adjust the clamping pressure plus adjustable mechanical travel end of the external grippers stroke to avoid excessive pressure on the roll surface in case of soft materials
- Expanding rotary roll shaft with plastic grippers along the whole shaft length which can be easily replaced. Roll shaft diam. 76,4mm (3”) or 80mm as per choice. This unit cannot be supplied with interchangeable shafts
- Automatic sharpening of the circular knife on both sides with adjustable sharpening time after a programmed number of cuts. Blade speed will be set automatically to the optimal sharpening speed during operation. The sharpening parameters of the auxiliary sharpener can be programmed with values different from those of the main sharpener.
- Automatic blade cooling system with nebulized water and collection tank in stainless steel. The liquids can be discharged outside the machine with a tube.
- Automatic blade lubrication with adjustable frequency (single or multiple) and lube on/off times with possibility to use pure silicon oil or water mixed with silicone glycol
- Up to 50 different cutting cycles. All cutting parameters can be stored and retrieved into the machine memory from each program. Machine prepared for connection Industry 4.0 with Modbus/TCP protocol
- PLC controlled machine with a separate safety PLC to control the safety devices and equipped with complete diagnostic software to inform the operator of any possible alarm and to display instructions to restart the unit on a touch screen graphic panel. Max roll dimensions: diam. 400 mm, length 2000 mm, weight Kg.60.

DEVICES ON REQUEST

- T500/CLN Automatic blade cleaning system on both sides
- T500/COL Blade cooling system by compressed air expansion
- T500/NET Device for remote connection of the machine through internet to our technical offices.

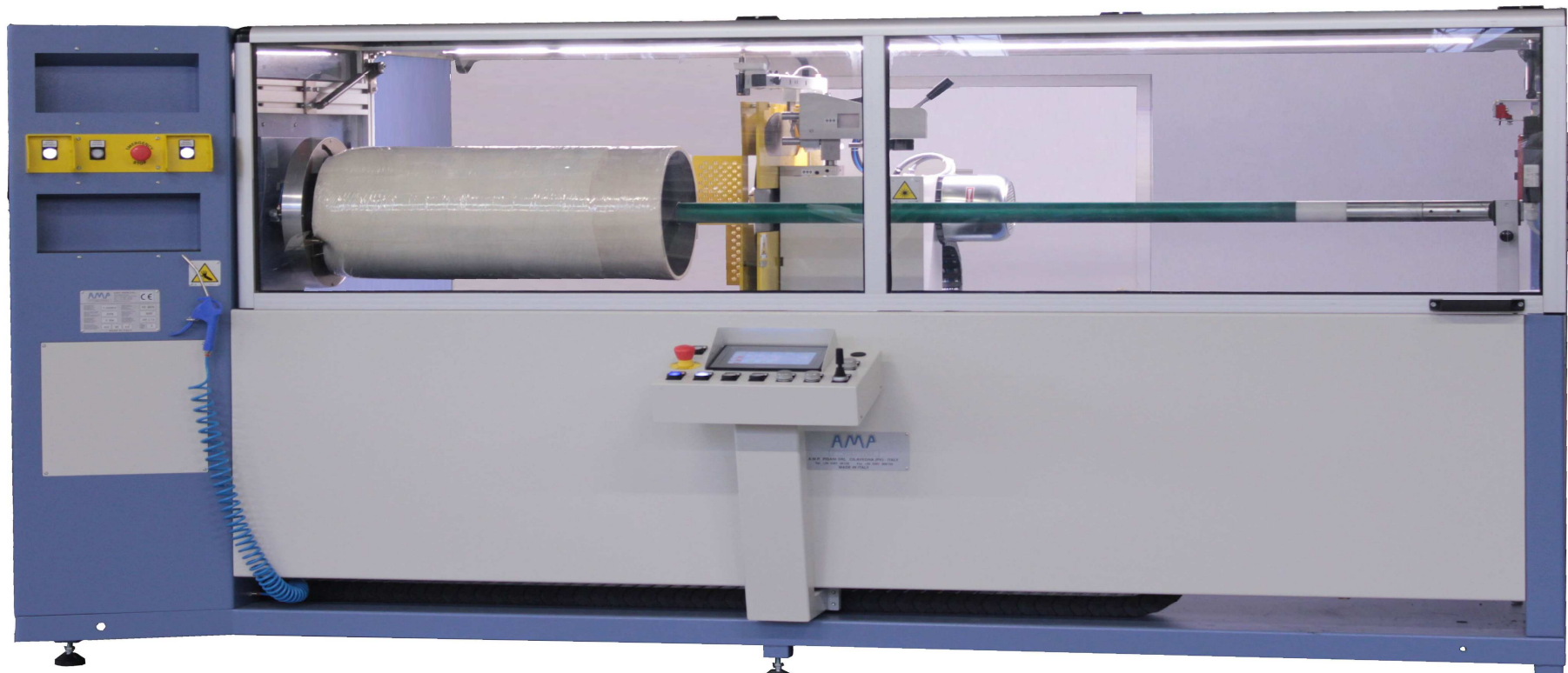
TECHNICAL DATAS

- Blade diameter : 500 mm
- Expanding roll shaft diameter : 76,4 mm (3”) or 80 mm (at choice).
- Voltage : 400V \pm 5% 50Hz 3-phases (other voltages on request)
- Dimensions and weight : 290 x 191 x 160 (h) cm – Kg 1.150 kg
- Installed power : 5 kW in standard configuration.
- Compressed air : 6 bar
- Accuracy of blade positioning : \pm 0.01 mm





A.M.P PISANI S.r.l. Via Ungaretti 6/8 27024 CILAVEGNA (PV) ITALY
Phone +39 0381 96128 Fax +39 0381 969100 www.amppisani.com email: info@amppisani.com



T/520EX
AUTOMATIC ROLL SLITTING MACHINE

NUMERICALLY CONTROLLED AUTOMATIC ROLL SLITTING MACHINE T/520EX

Numerically controlled automatic roll slitting machine for rolls with max diameter 300 mm, max displacement of the blade carriage from the chuck of 185 cm and possibility to load rolls with max length 215 cm.

This unit is designed with the utmost attention to safety features in order to obtain from **IMQ** (www.imq.it Istituto Italiano del Marchio di Qualità - Italian Institute for Quality Trademarks) **the Certification of Type Examination for standards 2006/42/EC(Ref.IMQ300)**. The technical file of the machine has been deposited by IMQ organization that has certified the conformity to EC (European Community) Machine Safety Standards.

The movement of the blade carriage towards the roll with wormscrew and brushless motor. The machine can process most of materials in rolls such as technical materials, bias or straight fabrics, non-woven with and without adhesives. With special devices, machine can slit foam rolls in polyethylene and PVC, glass and carbon fibers, plastic films, rubber, masking tapes, roofing materials, and more.

TECHNICAL FEATURES

- Totally closed machine. Highly safe for the operator, no diffusion of cutting dust and less noise. LED lights for a clear illumination inside the machine
- Numerically controlled positioning of the blade carriage with brushless motor and automatic cut with the possibility of programming up to 6 cutting measures for each automatic cycle.
- Numerically controlled blade penetration movement into the roll with three adjustable cutting speeds (entry speed into the roll, cutting speed and cardboard core cutting speed) adjustable on continuous rate with wormscrew movement and brushless motor. Photocell to detect the roll diameter and Laser pointer to indicate the actual position of the blade on the roll.
- Adjustable blade rotation speed (up to 600 RPM) and adjustable roll rotation speed (up to 400 RPM) with digital vectorial inverter. Possibility to select the roll rotation direction.
- Up to 50 different cutting cycles. All the cutting parameters can be stored and retrieved into the machine memory.
- Laser system to measure the blade diameter with automatic adjustment of stop position near the roll shaft. No knob to adjust the forward travel end of the blade carriage.
- Automatic positioning of the blade at the edge of the roll and automatic return of the blade to the initial position of the automatic cycle
- Quick blade return function out of the roll after slitting during the automatic cycle. The stop position outside the roll can be adjusted with the machine joystick
- Self-centering pneumatic chuck with double clamping mechanism on the cardboard core and on the roll external surface with possibility to adjust the clamping pressure plus adjustable mechanical travel end of the external grippers stroke to avoid excessive pressure on the roll surface in case of soft materials
- Automatic sharpening of the circular knife on both sides with adjustable sharpening time after a programmed number of cuts. Blade speed will be set automatically to the optimal sharpening speed during operation. The sharpening parameters of the auxiliary sharpener can be programmed with values different from those of the main sharpener. The machine includes a device to dress the main grindstone with a diamond.
- Machine standard equipped with non-rotating roll shaft. Rotating shaft and expanding rotating shaft on request available with extra cost.
- Pneumatic system to lift and support the roll shaft for easier loading/unloading operations.
- PLC controlled machine with a separate safety PLC to control the safety devices and equipped with complete diagnostic software to inform the operator of any possible alarm and to display instructions to restart the unit on a touch screen graphic panel. Machine prepared for connection Industry 4.0 with Modbus/TCP protocol
- Max roll dimensions: diam. 300 mm, length 2150 mm, weight Kg.60. Machine available on request for longer rolls and larger roll diameter.

DEVICES ON REQUEST

- T300/SIL Automatic blade lubrication system for the blade
- T500/CLN Automatic blade cleaning system on both sides
- T500/D50 Machine with blade diam. 50 cm for rolls max diam. 40 cm
- T500/COL Blade cooling system by compressed air expansion
- T500/WLUB Machine modified for blade lubrication and cooling system with water or silicon at choice.
- T500/NET Device for remote connection of the machine through internet to our technical offices.
- T100/RIL Wormscrew reducer for the blade

TECHNICAL DATAS

- Blade diameter:450 mm (diam. 500 mm on requests)
- Roll shaft diameter.....:50 mm (other diameters on requests)
- Voltage:400V \pm 5% 50Hz 3-phases (other voltages on request)
- Dimensions and weight:3100 x 1850 x 1600 (h) mm – Kg 1.150 kg
- Installed power:4,5 kW in standard configuration.
- Compressed air:6 bar
- Accuracy of blade positioning.....:±0.01 mm

N. IMQ 300 Rev. 0



ATTESTATO DI ESAME DI TIPO
TYPE EXAMINATION CERTIFICATE

Visita l'elenco delle verifiche condotte in conformità con:
On the basis of our verifications carried out according to:

Si dichiara che il prodotto:
We declare that the product:

Soddisfa le disposizioni della:
Meets the requirements of the:

Riferimento tecnico IMQ
IMQ assessment file

Requisiti essenziali della Direttiva 2006/42/CE
Essential Requirements of the Directive 2006/42/CE

TAGLIAROTOLLO AUTOMATICA
Automatic roll slitter

Marca / Trade mark: **A.M.P. PISANI**
Modello / Model: **T/500EX - T/500EX - T/520EX - T1000EX**

Fabbricato da:
Manufactured by:

A.M.P. PISANI SRL
VIA UNGARETTI, 4/8 - 27024 CILAVEGNA (PV)

2018-07-30
Data emissione
Issue date

2023-07-29
Data di scadenza
Expiry date

 **Spett.le Francesco**
Jul 30 2018 5:07 PM
imq

IMQ

Questo documento è composto da 2 pagine comprendenti 1 allegato | This document is composed of 2 pages including 1 annex

AMA

PISANI

A.M.P PISANI S.r.l. Via Ungaretti 6/8 27024 CILAVEGNA (PV) ITALY
Phone +39 0381 96128 Fax +39 0381 969100 www.amppisani.com email: info@amppisani.com



T/500EX
AUTOMATIC ROLL SLITTING MACHINE

AUTOMATIC ROLL SLITTING MACHINE T/500EX

Automatic roll slitting machine for rolls with max diameter 300 mm, max displacement of the blade carriage from the chuck of 185 cm and possibility to load rolls with max length 215 cm.

This machine is designed with the utmost attention to safety features in order to obtain from IMQ (Italian Institute for Quality Trademarks) the **Certification of Examination “CE” for standards 2006/42/EC (ref. IMQ300)**. The technical file of the machine has been deposited by IMQ organization that has certified the conformity to EC (European Community) Machine Safety Standards.

The unit can slit most of the material in rolls such as natural and synthetic fabrics straight or in bias, non-woven with and without adhesives etc.

With special devices, the machine can also slit foam rolls in polyethylene and PVC, glass and carbon fibers, plastic films, rubber, masking tapes, roofing materials and more.

TECHNICAL FEATURES

- Totally closed machine. Highly safe for the operator, no diffusion of cutting dust and less noise. LED lights for a clear illumination of the machine
- Numerically controlled positioning of the blade carriage with brushless motor and automatic cut with the possibility of programming up to 6 cutting measures for each automatic cycle.
- Blade penetration speed in the roll and blade penetration force adjustable on continuous rate and photocell to stop the blade carriage movement when the blade is out of the roll (automatic roll diameter adjustment).
- Adjustable blade rotation speed (up to 600 RPM) and adjustable roll rotation speed (up to 400 RPM) with possibility to choose the roll rotation direction.
- Automatic sharpening of the circular knife on both sides with adjustable sharpening time after a programmed number of cuts. Blade speed will be set automatically to the optimal sharpening speed during operation. The machine includes a device to dress the main grindstone with a diamond.
- Self-centering pneumatic chuck with double clamping mechanism on the cardboard core and on the roll external surface with possibility to adjust the clamping pressure plus adjustable mechanical travel end of the external grippers stroke to avoid excessive pressure on the roll surface in case of soft materials
- Machine equipped with a fixed roll shaft support. Rotary roll shaft or expansion rotary shaft available on request with extra cost.
- Photocell to detect the roll diameter and laser pointer to indicate the position of the blade on the roll
- Lateral pneumatic lifting device of the roll shaft with additional lifting device on the blade carriage for an easy loading and unloading of the heavy rolls
- Rear door for an easy access inside the machine with sensor to sudden stop the machine once it has been opened
- PLC controlled machine with a separate safety PLC to control the safety devices and equipped with complete diagnostic software to inform the operator of any possible alarm and to display instructions to restart the unit on a touch screen graphic panel.
- Max roll dimensions: diam. 300 mm, length 2150 mm, weight Kg.60. Machine available on request for larger roll diameters

DEVICES ON REQUEST

- T300/SIL Automatic blade lubrication system for the blade with presettable lube on/off time
- T500/D50 Machine with blade diam. 50 cm for rolls max diam. 40 cm
- T500/WLUB Double lubrication system with two tanks and selection of the liquid
- T500/CLN Automatic blade cleaning system on both sides
- T500/COL Blade cooling system by compressed air expansion

TECHNICAL DATAS

- Blade diameter:450 mm (other diameters on requests)
- Roll shaft diameter.....:50 mm (other diameters on requests)
- Voltage:400V ±5% 50Hz 3-phases (other voltages on request)
- Space requirements and weight.....:3000 x 1580 x 1600 (h) mm Kg. 1.050
- Installed power:4,5 kW
- Compressed air:6 bar
- Accuracy of blade positioning.....:±0.03 mm

IMQ 300 Rev. 0

IMQ

ATTESTATO DI ESAME DI TIPO
TYPE EXAMINATION CERTIFICATE

Valori fissati dalle verifiche condotte in conformità con:
On this date, our verifications carried out according to:

Si dichiara che il prodotto:
We declare that the product:

Fabbricato da:
Manufactured by:

Soddisfa le disposizioni della:
Meets the requirements of the:

Riferimento tecnico IMQ
IMQ reference file:

Requisiti essenziali della Direttiva 2006/42/CE
Essential Requirements of the Directive 2006/42/EC

TAGLIAROTOLI AUTOMATICA
Automatic roll slitter

Marca / Trade mark **A.M.P. PISANI**
Modello / Model **T/300EX - T/500EX - T/530EX - T1000EX**

A.M.P. PISANI SRL
VIA UNGARETTI, 6/8 - 27024 CILAVEGNA (PV)

Direttiva 2006/42/CE
Directive 2006/42/EC

SDAQ001-40

Questo documento è composto da 2 pagine comprendenti 1 allegato | The document is composed of 2 pages including 1 annex

2018-07-30
Data emissione
Issue date

2023-07-29
Data di scadenza
Expiry date


Spandini Francesco
Aut. 30/2018 5.07 IMQ
IMQ



A.M.P PISANI S.R.L. Via Ungaretti 6/8 27024 CILAVEGNA (PV) ITALY
Phone +39 0381 96128 Fax +39 0381 969100 www.amppisani.com email: info@amppisani.com



T/300EX
PNEUMATIC AUTOMATIC ROLL SLITTING MACHINE

AUTOMATIC PNEUMATIC ROLL SLITTING MACHINE T/300EX

Automatic pneumatic roll slitting machine for cutting rolls with max diameter 300 mm (12"), max blade carriage displacement from the chuck 1,850 mm (72³/₄) and possibility to load rolls with max length 2,150 mm (84" ½) and weight 60 kg (132 lbs) . The unit has been designed with the utmost attention to safety features to obtain from IMQ (Italian Institute for Quality Trademarks) the **Certification of Examination "CE" for standards 2006/42/EC (ref. IMQ300)**. The technical file of the machine has been deposited by IMQ organization that has certified the conformity to EC (European Community) Machine Safety Standards.

The unit can slit most of the material in rolls such as natural and synthetic fabrics straight or in bias, non-woven with and without adhesives etc.

With special devices, the machine can also slit foam rolls in polyethylene and PVC, glass and carbon fibres, plastic films, rubber, masking tapes, roofing materials and more.

FEATURES

- Automatic cut with pneumatic displacement of the knife carriage with cutting width set on a ruler. Machine can also easily be operated manually.
- Max cutting width: 200mm (7" ¾). Possibility to set multiple displacements before slitting for larger cuts (Example: set # 3 displacements of 200mm to get a 600 mm cutting width)
- Adjustable blade rotation speed up to 600 rpm and adjustable roll rotation speed up to 400 rpm with digital inverters and possibility to choose the roll rotation direction.
- Blade penetration speed and force adjustable on continuous rate with photocell to detect automatically the roll diameter and to set the blade forward speed to the preset cutting speed.
- Self centering mechanic chuck with grippers to lock the roll on the cardboard and on the external diameter.
- Automatic blade sharpening (both sides) with adjustable sharpening time after a programmed number of cuts. Automatic blade speed setting to the optimal sharpening speed during operation.
- The machine includes a device to dress the main grindstone with a diamond.
- Automatic blade lubrication system T300/SIL available on request with adjustable frequency (single or multiple) and lube on/off times and possibility to use pure silicon oil or water mixed with silicone glycol
- Lateral pneumatic lifting device of the roll shaft with additional lifting device on the blade carriage for an easy loading and unloading of the heavy rolls
- LED lights for a clear internal illumination of the machine
- Machine totally closed and highly safe for its operator. Door on the rear side of the machine for easy access to the blade carriage with sensor to sudden stop the machine once it has been opened
- PLC controlled machine with a separate safety PLC to control the safety devices and equipped with complete diagnostic software to inform the operator of any possible alarm and to display instructions to restart the unit on a touch screen graphic panel
- Max roll dimensions: diameter 30cm x 215 cm, weight Kg. 60. Machine for longer rolls available on requests.

DEVICES ON REQUEST

- T300/SIL Automatic blade lubrication system with presettable lube on/lube off time
- T500/CLN Automatic blade cleaning system on both sides
- T500/COL Blade cooling system by compressed air expansion
- T100/RIL Wormscrew reducer for the blade
- T300/CHUCK Pneumatic chuck

TECHNICAL DATAS

- Blade diameter :450 mm (18")
- Roll shaft diameter :50 mm (other measures on requests)
- Voltage :400V ±5% 50Hz 3-phases (other on request)
- Space requirements and weight :3000 x 1630 x 1600 (h) mm
- Installed power :4 kW
- Compressed air :6 bar
- Accuracy of blade positioning :±0.3mm

N. IMQ 300 Rev. 0



ATTESTATO DI ESAME DI TIPO
TYPE EXAMINATION CERTIFICATE

Valu l'istitu delle verifiche condotte in
conformità con:
On the basis of our verifications carried out
according to:

Si dichiara che il prodotto:
We declare that the product:

Fabbricato da:
Manufactured by:

Soddisfa le disposizioni della:
Meets the requirements of the:

Riferimento tecnico IMQ
IMQ assessment file

Requisiti essenziali della Direttiva 2006/42/CE
Essential Requirements of the Directive 2006/42/EC:

TAGLIAROTOLLO AUTOMATICA
Automatic roll splitter

Marca / Trade mark: **A.M.P. PISANI**
Modello / Model: **T/300EX - T/500EX - T/520EX - T/1000EX**

A.M.P. PISANI SRL
VIA UNGARETTI, 4/B - 27024 CILAVEGNA (PV)

Direttiva 2006/42/CE
Directive 2006/42/EC

804000140

Questo documento è composto da 2 pagine comprendenti 1 allegato 1. This document is composed of 2 pages including 1 annex

3018-07-30
Data emissione
Issue date

3023-07-27
Data di scadenza
Expiry date


Sponsor del Processo
24.09.2018 a 07.07.2019
IMQ



A.M.P PISANI S.r.l. Via Ungaretti 6/8 27024 CILAVEGNA (PV) ITALY
Phone +39 0381 96128 Fax +39 0381 969100 www.amppisani.com email: info@amppisani.com



T/100EX
SEMIAUTOMATIC ROLL SLITTING MACHINE FOR LARGE ROLLS

SEMIAUTOMATIC ROLL SLITTING MACHINE FOR LARGE ROLLS CLASS T/100EX

The semiautomatic roll slitting machine class T/100E can easily slit with the highest safety for the operator most of materials in roll up to diam. 300 mm (12") and max weight 60 kg such as bias or straight fabrics, non-woven with and without adhesives and also foam rolls in polyethylene and PVC, glass and carbon fibers, plastic films, rubber, masking tapes, roofing materials, and more. This machine 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/304)**. The technical file of the machine has been deposited by IMQ organization that has certified the conformity to "CE" European Community Safety Standards.

TECHNICAL FEATURES

- Highly safe for the operator. The blade is totally protected by a guard and the operator can perform the cut only if both hands are on a pushbutton and on the cutting lever.
- Machine standard equipped with inverter for blade speed control up to 600 rpm and for roll speed control up to 400 rpm
- Fast semiautomatic positioning of the blade carriage. The operator pushes a button and the pneumatic cylinder indexes the blade carriage to the preset measure.
- Cutting width easily presettable on a graduated knob with magnifying glass for a clear view of the ruler
- Sharpening of the knife on both sides with pneumatic displacement towards the blade of the motor driven main grindstone and an auxiliary grindstone to remove the sharpening burrs.
- Machine includes a diamond to dress the main grindstone. Main grindstone in Borazon available on requests.
- Pneumatic device to lift the roll shaft on the side of the support.
- Self-centering chuck with external grippers for the cardboard and for the roll with possibility to choose the roll rotation direction. Pneumatic chuck T100/CHUCK available on request
- PLC controlled machine with a separate safety PLC to control the safety devices of the unit
- Machine available on requests for special applications

DEVICES ON REQUEST

- T100/SIL Blade lubrication system
- T100/D50 Machine with blade diameter 50 cm for max roll diameter 40 cm
- T100/REV Winding device to rewind rolls on the paper tube in the roll shaft support
- T100/CM Mechanic meter counter for T100/REV winding device. (Only for woven fabric, not for knits)
- T100/250CM Extra for machine with roll shaft length up to 250 cm (100")
- T100/BAR Extra roll shaft support with diameter at choice (between 34 and 55 mm)
- T100/B75 Extra roll shaft support with diameter 75 mm (3")
- T100/FLA Flange with springs for roll support
- T100/LFT Pneumatic lifting device for roll shaft on blade carriage (for heavy rolls)
- T500/COL Blade cooling system by compressed air expansion
- T100/FWD Automatic movement of the blade towards the roll with adjustable speed
- T100/CHUCK Pneumatic chuck

TECHNICAL DATAS

- Roll dimensions:diameter 30 cm x 185 cm⁽¹⁾ Kg.60 max
(¹) Rolls up to 220 cm width can be loaded but the first cut can be done at a maximum distance of 185 cm from the chuck
- Accuracy of blade positioning ...:±0.3 mm
- Blade diameter:45 cm (18").
- Roll shaft diameter Standard 49,3 mm – On request from 34 to 75 mm
- Installed power and voltage:4 kW 400V ±5% 50Hz 3-phases (other voltages on request)
- Compressed air:6 bar





A.M.P PISANI S.r.l. Via Ungaretti 6/8 27024 CILAVEGNA (PV) ITALY
Phone +39 0381 96128 Fax +39 0381 99100 www.amppisani.com email: info@amppisani.com



T/50EX
SEMIAUTOMATIC ROLL SLITTING MACHINE

SEMIAUTOMATIC ROLL SLITTING MACHINE CLASS T/50EX

The T/50EX manual slitting machine with semiautomatic movement of the blade carriage to the cutting measure can cut easily with the highest safety for the operator most of materials in rolls (bias or straight cut, polyester, non-woven, synthetic leather, PVC, interlinings, adhesives and so on).

This machine 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/304)**. The technical file of the machine has been deposited by IMQ organization that has certified the conformity to "CE" European Community Safety Standards.

TECHNICAL FEATURES

- Highly safe for the operator. The blade is totally enclosed and the operator can do the cutting operations only when both hands are resting on a pushbutton and on the cutting lever.
- Fast semiautomatic positioning of the blade carriage. The operator presses a button and the pneumatic cylinder indexes the blade carriage to the preset measure.
- Cutting width easily presettable on a graduated knob with magnifying glass for a clear view of the ruler
- Machine standard equipped with digital inverters to adjust the blade speed up to 600 rpm and the roll speed up to 400 rpm
- Sharpening of the knife on both sides with pneumatic displacement towards the blade of the motor driven main grindstone and an auxiliary grindstone to remove the sharpening burrs
- Machine includes a diamond to dress the main grindstone.
- Self-centering mechanic chuck with double locking of the roll on the external of the roll (3 pliers) and one extra plier to lock the cardboard core
- PLC controlled machine with a separate safety PLC to control the safety devices of the unit

DEVICES ON REQUEST

- T50/SIL Manual blade lubrication system
- T50/FLA Flange with springs for roll support
- T50/BAR Additional roll shaft support with diameter at choice (between 34 and 55 mm)
- T50/BAR75 Roll shaft support with diameter 75 mm
- T50/REV Winding device to rewind rolls on the paper tube in the roll shaft support
- T50/CM Mechanic meter counter for winding system (not for knitted fabric)
- T50/L220 Roll support extended to L=220 cm. Max blade displacement from the chuck 160cm

TECHNICAL DATAS

- Roll dimensions: diameter 250 mm x 2000 mm ⁽¹⁾ Kg.20 max
- Accuracy of blade positioning: ± 0.3 mm
- Blade diameter: 400 mm
- Roll shaft diameter: 49 mm (from 33 to 49 mm on request)
- Electric data: 2,2 kW 400V 50Hz 3-phases (other voltages on request)
- Compressed air: 6 bar
- Space requirements: 2500 x 1000 mm approx.
- Net weight: 450 kg

(1) Rolls up to 2000 mm can be loaded but the first cut can be done at a maximum distance of 1600 mm from the chuck.





A.M.P PISANI S.r.l. Via Ungaretti 6/8 27024 CILAVEGNA (PV) ITALY
Phone +39 0381 96128 Fax +39 0381 969100 www.amppisani.com email: info@amppisani.com



T50EX HD
SEMIAUTOMATIC ROLL SLITTING MACHINE FOR PLASTIC FILMS

SEMI-AUTOMATIC ROLL SLITTING MACHINE FOR PLASTIC FILMS CLASS T50EX HD

The T50EX HD manual slitting machine with semiautomatic movement of the blade carriage to the cutting measure and semiautomatic movement of the blade carriage towards the roll is specifically projected to cut plastic films such as polyethylene or polyurethane but it can cut also most of materials in rolls.

This machine 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/304)**. The technical file of the machine has been deposited by IMQ organization that has certified the conformity to "CE" European Community Safety Standards.

TECHNICAL FEATURES

- Highly safe for the operator. The blade is totally enclosed and the operator can do the cutting operations only when both hands are engaged on two pushbuttons
- Fast pneumatic positioning of the blade carriage. The operator presses a button and the blade carriage indexes to the preset measure on a screw.
- Cutting width easily presettable on a graduated knob with magnifying glass for a clear view of the ruler
- Machine standard equipped with digital inverters to adjust the blade speed up to 70 rpm and the roll speed up to 140 rpm
- Automatic movement of the blade towards the roll at the maximum speed and photocell to slow down the speed to the preset cutting speed just before the blade reaches the roll to cut
- Adjustable cutting force and cutting speed to obtain an absolutely uniform cut along the roll.
- Sharpening of the knife with pneumatic displacement towards the blade of the motor driven main grindstone in BORAZON and an auxiliary grindstone to remove the sharpening burrs
- Blade cooling system available on requests
- Self-centering mechanic chuck with double locking of the roll on the external of the roll (3 pliers) and one extra plier to lock the cardboard core
- PLC controlled machine with a separate safety PLC to control the safety devices of the unit

DEVICES ON REQUEST

- T50/SIL Manual blade lubrication system
- T50/FLA Flange with springs for roll support
- T50/BAR Additional roll shaft support with diameter at choice (between 34 and 55 mm)
- T50/BAR75 Roll shaft support with diameter 75 mm
- T500/COL Blade cooling system by compressed air expansion

TECHNICAL DATAS

- Roll dimensions: diameter 200 mm x 2000 mm ⁽¹⁾ Kg.20 max
- Accuracy of blade positioning: ± 0.3 mm
- Blade diameter: 360 mm (diam 400 mm on request)
- Roll shaft diameter: 50 mm (on request 75mm)
- Electrical data: 2,2 kW - 400V 50Hz 3-phases (other voltages on request)
- Compressed air: 6 bar
- Space requirements: 2500 x 1300 mm approx.
- Net weight: 500 kg

(1) up to 2000 mm can be loaded but the first cut can be done at a maximum distance of 1600 mm from the chuck

