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 moulding 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’s 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 centre 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 an commercial, in the main European languages.

Our agents and distributors guarantee world wide distribution and technical assistance to our 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 class P90 for small lots and 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 T1000/ELFT, T/1000E T540 T520 T/500 and automatic pneumatic model T/300E.
   • Manual roll slitting machines class T/100E, T/50E and T/50HD

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 class GCT and SPR/SYNCRO 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
   • Automatic system to cut and sew rectangles of fabric class LTP/1800

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

**IT IS POSSIBLE TO DOWNLOAD THE BROCHURES OF ALL THE MACHINES FROM OUR WEB SITE WEB** www.amppisani.com
AMP Pisani, a leading manufacturer of cutting room machines, has over than 40 years of experience in the production of automatic and manual 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 request for fabric and non woven materials with or without adhesive and, with suitable devices, to slit 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 T1000E/LFT with loading device for rolls of weight up to 200 kg, T/1000E, T540, T520 and T500 with worm-screw positioning of the blade carriage plus model T/300E with pneumatic displacement of the blade carriage having an excellent price/performance ratio.

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

We offer also a manual model T50/HD designed for slitting plastic films in roll and other special applications

All the units comply with the strict European safety standards.
# AMP PISANI RANGE OF SLITTING MACHINES

<table>
<thead>
<tr>
<th>MODEL</th>
<th>TYPE</th>
<th>BLADE DIAMETER</th>
<th>ROLL DIAMETER</th>
<th>ROLL LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>T1000E/LFT</td>
<td>Automatic with Numerical Control</td>
<td>600 mm (23.6&quot;)</td>
<td>600 mm (19.7&quot;)</td>
<td>2.000 mm (78.7&quot;)</td>
</tr>
<tr>
<td>T/1000E</td>
<td>Automatic with Numerical Control</td>
<td>500 mm (19.6&quot;)</td>
<td>400 mm (15.7&quot;)</td>
<td>2.000 mm (*) (78.7&quot;)</td>
</tr>
<tr>
<td>T/540</td>
<td>Automatic with Numerical Control</td>
<td>500 mm (19.6&quot;)</td>
<td>400 mm (15.7&quot;)</td>
<td>1.750 mm (*) (68.3/4&quot;)</td>
</tr>
<tr>
<td>T/520 (a) (c)</td>
<td>Automatic with Numerical Control</td>
<td>450 mm (17.7&quot;)</td>
<td>300 mm (11.8&quot;)</td>
<td>1.850 mm (*) (73&quot;)</td>
</tr>
<tr>
<td>T/500 (a) (c)</td>
<td>Automatic with Numerical Control</td>
<td>450 mm (17.7&quot;)</td>
<td>300 mm (11.8&quot;)</td>
<td>1.850 mm (*) (73&quot;)</td>
</tr>
<tr>
<td>T/300E (a)</td>
<td>Automatic Pneumatic</td>
<td>450 mm (17.7&quot;)</td>
<td>250 mm (9.84&quot;)</td>
<td>1.830 mm (*) (72&quot;)</td>
</tr>
<tr>
<td>T/100E (a)</td>
<td>Manual</td>
<td>450 mm (17.7&quot;)</td>
<td>300 mm (11.8&quot;)</td>
<td>1.850 mm (73&quot;) (*)</td>
</tr>
<tr>
<td>T50E</td>
<td>Manual</td>
<td>400 mm (17.7&quot;)</td>
<td>250 mm (9.84&quot;)</td>
<td>1.600 mm (****) (63&quot;)</td>
</tr>
<tr>
<td>T50/HD (***)</td>
<td>Manual</td>
<td>360 mm (14.2&quot;)</td>
<td>200 mm (7.87&quot;)</td>
<td>1.600 mm (****) (63&quot;)</td>
</tr>
</tbody>
</table>

Because of the continuous development, the technical datas 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 length of the roll that is possible to load on the machine is 2.400 mm (94.5") for T/1000E, 2.150 mm (82.6") for T/300E, T500, T/520 and T/100E; 2.000 mm (78. 75") for T/540, T/50 and T50/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")
T1000/ELFT

HEAVY DUTY NUMERICALLY CONTROLLED SLITTING MACHINE WITH LOADING DEVICE
NUMERICALLY CONTROLLED SLITTING MACHINE CLASSE T1000/ELFT

The numerically controlled slitting machine for heavy rolls class T1000/ELFT is the machine with the highest loading capacity of our production range and it is equipped with the state of the art electric and electronic components.

The unit can slit rolls up to diameter 500 mm and length 2000 mm with maximum weight of 200 kg. The maximum displacement of the blade carriage from the chuck is 2000 mm.

The roll lifting system allows the operator an easy loading of very heavy rolls. The roll trolley moves manually along the entire length of the roll shaft to easily thread the roll and the up/down movement is controlled by brushless motors.

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 and so on.

FEATURES

- Numerically controlled positioning of the blade carriage with brushless motor and automatic cut with possibility to program up to 6 cutting measures for each automatic cycle.
- All drives of the machines are brushless. Roll motor, blade motor, blade positioning motors are controlled by a closed loop.
- Adjustable blade rotation speed (up to 700 RPM) and adjustable roll rotation speed (up to 450 RPM) with possibility to select the roll rotation direction.
- Blade penetration speed in the roll adjustable on continuous rate with worm screw movement and brushless motor and possibility to program a slower cardboard cutting speed. Photocell to detect the diameter of the roll.
- Laser pointer to indicate the actual position of the blade on the roll.
- Laser system to measure the blade diameter with automatic adjustment of stop position near the roll shaft and indication of the circularity error. No knob to adjust the forward travel end of the blade carriage.
- Automatic roll diameter adjustment with a measuring photocell to stop the reverse stroke of the blade carriage once the blade is completely out of the roll. The stop position outside the roll can be varied with the machine joystick.
- 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 Self-centering pneumatic double lock chuck on the cardboard and on the external diameter with possibility to adjust the locking pressure and adjustable mechanical stop to avoid an excessive pressure of the pliers on the roll 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 at choice. This unit cannot be supplied with interchangeable roll shafts.
- Automatic lock system of the roll shaft extremity with a sliding arm and pneumatic clamping system.
- Automatic sharpening of the circular knife (both sides) with adjustable sharpening time after a programmable number of cuts using BORAZON grindstones. Blade speed will be set automatically to the optimal sharpening speed during the operation. The auxiliary sharpener is programmable separately from the main sharpener.
- Automatic blade cooling system with nebulized water and collection tank in stainless steel. The liquids can be discharged outside of the machine with a tube.
- Automatic blade lubrication with adjustable frequency and lube on/off times and possibility to use pure silicon oil or mixed water with silicone glycol.
- Automatic opening of the machine door with pneumatic cylinder and safety system to avoid the sudden drop in case of sudden power off or sudden interruption of the compressed air supply.
- Door on the rear side of the machine for easy access to the blade carriage with sensor to stop immediately the machine when it has been opened.
- Machine totally closed and highly safe for the operator.
- LED lights for a clear illumination of the machine and signal tower to indicate the actual machine status.
- Up to 50 different cutting cycles. All the cutting parameters can be stored and retrieved into the machine memory from each program.
- PLC controlled machine equipped with a complete diagnostic software to inform the operator of any possible alarm and includes instructions to restart the unit on a touch screen graphic panel.

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 230 V 3-phases 50/60Hz (other voltages on request).
- 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 mm
- Maximum cutting speed : up to 8 cuts/minute
T/1000E
HEAVY DUTY NUMERICALLY CONTROLLED SLITTING MACHINE
NUMERICALLY CONTROLLED SLITTING MACHINE CLASSE T/1000E

Numerically controlled automatic roll slitting machine for heavy rolls with maximum diameter 400 mm, maximum weight 100 kg, maximum displacement of the blade carriage from the chuck of 200 cm and possibility to load rolls with maximum length 235 cm

The movement of the blade carriage towards the roll is done with wormscrew and brushless motor

Machine available on request for larger roll diameter and for longer rolls.

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 and so on

FEATURES

- Numerically controlled positioning of the blade carriage with brushless motor and automatic cut with possibility to program up to 6 cutting measures for each automatic cycle.
- Adjustable roll rotation speed (up to 450 RPM) and adjustable blade rotation speed (up to 700 RPM) with 2 kW brushless motors mounted on gearboxes.
- Numerical control for the cutting movement of the blade to the roll to get a slow initial penetration speed in the material, the cut at the preset speed and a slow down near to the cardboard core
- Laser pointer to indicate the actual position of the blade on the roll.
- Self centering pneumatic double lock chuck on the cardboard and on the external diameter with possibility to adjust the locking pressure and adjustable mechanical stop to avoid an excessive pressure of the pliers on the roll in case of soft materials
- Automatic opening of the machine door with pneumatic cylinder and safety system to avoid the sudden drop in case of sudden power off or sudden interruption of the compressed air supply
- New Automatic blade sharpener on both sides with programmable time and frequency by the operating panel
- Automatic blade lubrication with adjustable frequency and lube on/off times
- Automatic roll diameter adjusting with measuring photocell to stop the reverse stroke of the blade carriage once the blade is completely out of the roll.
- Possibility to cut at constant speed with increasing roll rotation speed as the blade gets closer to the centre of the roll.
- Pivoting cutting head with adjustment of the angle between the blade and the roll controlled by brushless servomotor with commands on the machine panel and mechanical comparator with dial indicator to show the position reached.
- Pneumatic device to support the roll shaft during loading/unloading operations for an easier threading of the roll on the shaft

DEVICE 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 Isisani 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

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
- Maximum cutting speed ....................: up to 10 cuts/minute

- Pneumatic movement of the roll shaft support at the extremity of the shaft with pneumatic device to lift the shaft for an easier clamping of the support.
- Automatic sharpening of the circular knife (both sides) with adjustable sharpening time after a programmable number of cuts using BORAZON grindstones. Blade speed will be set automatically to the optimal sharpening speed during the operation.
- All positioning drives of the machines are brushless. Roll motor, blade motor, blade positioning motors are controlled by a closed loop.
- Door on the rear side of the machine for easy access to the blade carriage with sensor to stop the machine immediately when opened
- Machine totally closed and highly safe for the operator. Automatic opening of the front door with pneumatic cylinders and safety system that prevents the fall in case of power off or no compressed air in the circuit
- The high technology and very sturdy construction of this unit makes it particularly suitable for heavy duty use and the complete control software guarantees a very easy use for the operator
- LED lights for very clear internal illumination of the machine
- PLC controlled machine equipped with a complete diagnostic software to inform the operator of any possible alarm and includes instructions to restart the unit on a touch screen graphic panel
A.M.P PISANI S.r.l. Via Ungaretti 6/8 27024 CILAVERGA (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.

Movement of the blade carriage towards the roll with wormscrew and brushless motor. 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 and more.

TECHNICAL FEATURES

- Totally closed machine. Highly safe for the operator, no diffusion of cutting dust and less noise.
- Automatic cut with high speed positioning of the blade carriage with wormscrew and brushless motor.
- Blade penetration speed in the roll adjustable on continuous rate with wormscrew movement and brushless motor. Photocell to detect the diameter of the roll.
- Automatic blade lubrication system with possibility to use water of mixed water with silicon or pure silicon with water collection tank in stainless steel and tube to discharge the liquids outside of the machine.
- Up to 6 cutting widths with the programmable number of cuts for each automatic cycle. Cutting speed up to 9 cuts/min. Machine can also easily be operated manually. Minimum cutting width 2 mm.
- Up to 50 different cutting cycles. All the cutting parameters can be stored and retrieved into the machine memory.
- Adjustable blade rotation speed (up to 700 RPM) and adjustable roll rotation speed (up to 450 RPM) with brushless motors. Possibility to select the roll rotation direction.
- Automatic sharpening of the circular knife (both sides) with adjustable sharpening time after a programmable number of cuts using BORAZON grindstones. Blade speed will be set automatically to the optimal sharpening speed during the operation.
- Self-centering pneumatic chuck with grippers to lock the roll on the cardboard and on its external surface.
- Machine standard equipped with pneumatic expanding rotating roll shaft.
- 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.
- PLC controlled machine with HMI Interface. Touch screen panel for message display, data entry and indications of cutting parameters (blade speed, roll speed, blade fwd. speed and so on).
- 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 ±5% 50Hz 3-phases (other voltages on request)
- Dimensions and weight .........................: 295 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...............: ±0.01 mm
T/520
AUTOMATIC ROLL SLITTING MACHINE
NUMERICALLY CONTROLLED AUTOMATIC ROLL SLITTING MACHINE  T/520

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.

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.
- Automatic cut with high speed positioning of the blade carriage with wormscrew and brushless motor.
- Blade penetration speed in the roll adjustable on continuous rate with wormscrew movement and brushless motor. Photocell to detect the diameter of the roll.
- Up to 6 cutting widths with the programmable number of cuts for each automatic cycle. Cutting speed up to 9 cuts/min. Machine can also easily be operated manually.
- Up to 50 different cutting cycles. All the cutting parameters can be stored and retrieved into the machine memory.
- 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.
- Automatic sharpening of the circular knife (both sides) with adjustable sharpening time after a programmable number of cuts. Blade speed will be set automatically to the optimal sharpening speed during sharpening.
- Self-centering pneumatic chuck with grippers to lock the roll on the cardboard and on its external surface.
- 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.
- 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.
- PLC controlled machine with HMI Interface. Touch screen panel for message display, data entry and indications of cutting parameters (blade speed, roll speed, blade fwd. speed and so on).
- 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 with presettable lube on/off time starting when the photocell detects the roll
- T500/BMT Blade motor with power 2.2 Kw
- 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/WAT Machine modified for blade cooling system with water
- T500/WLUB Double lubrication system with two tanks and selection of the liquid
- T500/NET Device for remote connection of the machine through internet to our technical offices.
- T500/L160 Machine for max roll length 160 cm
- T100/RIL Wormscrew reducer for the blade

TECHNICAL DATAS

- Blade diameter ...................................... : 450 mm (other diameters on request)
- Roll shaft diameter ............................... : 50 mm (other diameters on requests)
- Voltage ........................................... : 400V ±5% 50Hz 3-phases (other voltages on request)
- Dimensions and weight ......................... : 300 x 185 x 160 (h) cm – Kg 1.150 kg
- Installed power .................................... : 4.5 kW in standard configuration.
- Compressed air ................................. : 6 bar
- Accuracy of blade positioning ................. : ±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/500

AUTOMATIC ROLL SLITTING MACHINE
AUTOMATIC ROLL SLITTING MACHINE T/500

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. 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
- Automatic cut with high speed positioning of the blade carriage with wormscrew and BRUSHLESS motors with possibility of presetting up to 6 cutting widths (up to 999.99 mm each) and the number of cuts for each cycle.
- Machine can also easily be operated manually.
- 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.
- Automatic sharpening of the circular knife (both sides) with adjustable sharpening time after a programmable number of cuts.
- Totally closed machine. Highly safe for the operator.
- Self-centering pneumatic chuck with grippers to lock the roll on the cardboard and on the surface.
- Machine standard equipped with non-rotating roll shaft. Rotating shaft on request with extra cost.
- Pneumatic system to lift and support the roll shaft.
- Blade penetration speed in the roll and 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).
- PLC equipped machine with touch screen operator panel for message display, data entry and diagnostic messages.
- Cutting speed up to 8 cuts/min.
- 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 with presettable lube on/off time
- T500/BMT Blade motor with power 2.2 Kw
- T500/CLN Automatic blade cleaning system on both sides
- T500/D50 Machine with blade diam. 50 cm for rolls max diam. 40 cm
- T500/WAT Machine modified for blade cooling system with water
- T500/WLUB Double lubrication system with two tanks and selection of the liquid
- T500/COL Blade cooling system by compressed air expansion
- T500/L160 Machine for max roll length 160 cm

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 volts on request)
- Space requirements and weight: 300 x 160 x 160 (h) cm
- Installed power: 4.5 kW
- Compressed air: 6 bar
- Accuracy of blade positioning: ±0.03 mm
T/300E
PNEUMATIC AUTOMATIC ROLL SLITTING MACHINE
AUTOMATIC ROLL SLITTING MACHINE T/300E

Automatic pneumatic roll slitting machine for cutting rolls with max diameter 300 mm (12”), max blade carriage displacement from the chuck 1,850 mm (72”¾) and possibility to load rolls with max length 2,150 mm (84”½). The unit can slit most of the materials in rolls, fabric, non-woven with and without adhesives.

With special devices, machine can 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 presettable cutting quantity and cutting width on a screw
• Max cutting width: 200mm (7”¾). Possible to set multiple displacements before slitting for larger cuts (Example: for cutting 600 mm, set 3 displacements 200mm each before slitting)
• Machine can also easily be operated manually.
• Adjustable blade adjustable speed with digital inverter up to 600 rpm and adjustable roll adjustable speed with digital inverter (up to 400 rpm) standard on the machine with possibility to change the roll rotation direction.
• Automatic sharpening of the circular knife (both sides) with adjustable sharpening time and sharpening frequency.
• Totally closed machine. Highly safe for the operator.
• Photocell to detect automatically the roll diameter
• Self centering chuck with grippers to lock the roll on the cardboard and on the external diameter.
• Blade penetration speed and force adjustable on continuous rate.
• Lateral pneumatic lifting device of the roll shaft.
• On request, device T100 / LFT Pneumatic lifting device of the roll shaft on the blade carriage for and easy loading and unloading of the heavy rolls.
• Machine controlled by PLC and equipped with touch screen panel for data entry, message display and diagnostic functions.
• Cutting speed up to 6 cuts/min.
• 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/BMT Blade motor with power 2.2 Kw
• T500/COL Blade cooling system by compressed air expansion
• T100/RIL Wormscrew reducer for the blade
• T100/LFT Pneumatic lifting device for roll shaft on blade carriage (for heavy rolls)
• 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
T/100E
SEMI AUTOMATIC ROLL SLITTING MACHINE
SEMIAUTOMATIC ROLL SLITTING MACHINE CLASS T/100E

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.

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 pneumatic displacement of the blade carriage. The operator pushes a button and the blade carriage indexes to the cutting width on graduated knob.
- Double sharpening of the circular knife (both sides) with pneumatic displacement towards the blade of the motor driven main grindstone and an auxiliary grindstone to remove the sharpening burrs.
- Main grindstone in borazon available on requests.
- A device for grindstone dressing by a diamond is included.
- 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.
- Machine available on requests for special applications

DEVICES ON REQUEST

- T100/SIL Blade lubrication system
- 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, not for knits
- 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 (Kg.60 max)
- 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

(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.
T/50E
SEMIAUTOMATIC ROLL SLITTING MACHINE
SEMIAUTOMATIC ROLL SLITTING MACHINE CLASS T/50E

The T/50 manual roll 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).

Machine has been designed with the utmost attention to safety features to obtain, for the first time in the market, from IMQ (Istituto Italiano del Marchio di Qualità - Italian Institute for Quality Trademarks) the Certification of Examination “CE” for standards 2006/42/EC. The complete project of the machine with engineering calculation of all components has been deposited by IMQ organization that has certified the conformity to “CE” European Community Safety Standards. This means that, while AMP PISANI issues the “CE” certification of the machine, IMQ (Independent organization) confirms that the unit meets the requirements of the aforementioned Directive.

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.
- Machine standard equipped with T50/INVP Adjustable roll speed with inverter up to 400 RPM and T50/INVL Adjustable blade speed with inverter up to 600 RPM
- Semiautomatic pneumatic positioning of the blade carriage. The operator presses a button and the blade carriage indexes to the preset measure.
- Double sharpening of the circular knife (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
- Cutting width easily presettable on a graduated knob with magnifying glass for a clear view of the ruler
- PLC Controlled machine

DEVICES ON REQUEST

- T50/SIL Manual blade lubrication system
- T50/FLA Flange with springs for roll support
- T50/BAR Extra roll shaft support with diameter at choice (between 34 and 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 L=220 cm. Max blade displacement from the chuck 160 cm

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 and pneumatic data ......: 2.2 kW 400V 50Hz 3-phases (other voltages on request) – 6 bar pressure
- Space requirements ................: 2500 x 1000 mm approx
- Net weight .............................: 400 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
T/50HD

SEMI AUTOMATIC ROLL SLITTING MACHINE FOR PLASTIC FILMS
SEMI AUTOMATIC ROLL SLITTING MACHINE FOR PLASTIC FILMS CLASS T/50HD

The T/50HD 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.

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.
• Fixed blade rotation speed (70 RPM) and fixed roll rotation speed (140 RPM)
• On requests, adjustable roll rotation speed with inverter (T50/INVP) and adjustable blade rotation speed (T50/INVL)
• 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.
• Manual blade sharpening of the blade on both sides with pneumatic displacement towards the blade of the motor driven main grindstone in Borazon and an auxiliary stone for removing the sharpening burrs and diamond to dress the main grindstone.
• Blade cooling system available on requests
• 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
• Cutting width easily presettable on a graduated knob with magnifying glass for a clear view of the ruler

DEVICES ON REQUEST

• T50/SIL Manual blade lubrication system
• T50/BAR Extra roll shaft support with different diameter
• T50/INVP Adjustable roll speed with inverter
• T50/INVL Adjustable blade speed with inverter

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)
➢ Electric datas .........................:2,2 kW - 400V 50Hz 3-phases (other voltages on request)
➢ Compressed air ......................:6 bar
➢ Space requirements ...................:2500 x 1000 mm approx
➢ Net weight .........................:400 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.