

SYS TEC
converting

Innovative News



NEWS for DRUPA

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Hall 3 / B66

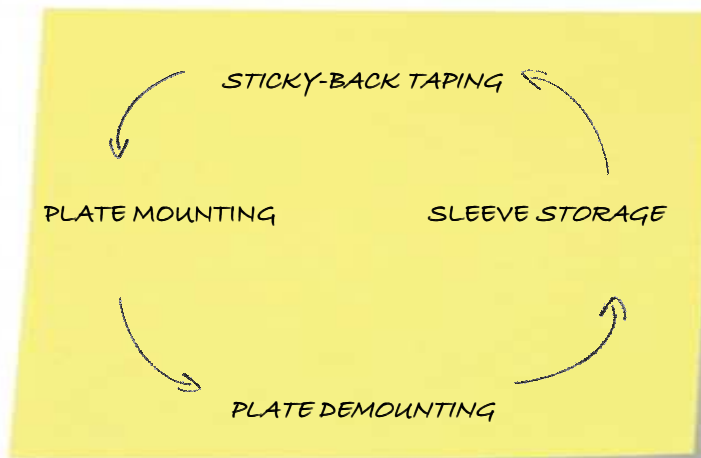


In celebration of DRUPA 2012, we will introduce to the market some new equipment, with the goal of increasing the range of our ancillary machines for FLEXO printing.

In addition to plate mounting machines, our intent is to offer a range of machines to support the whole job cycle of printing sleeves.

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SYS-Sleeve Smart Storage



SYS-Demounter



Plate mounter



SYS-Autotaper

PLATE MOUNTERS

New version model Year 2012



New command panel

In celebration of Drupa 2012, we will introduce to market the new range of Plate Mounters "Model Year" 2012. We developed new upgrades and advanced features to improve the productivity of our Plate Mounters:

- New modern and performing design
- New command panel; easier to be operated.
- New keyboard

In our booth it will be possible to see our following Plate Mounters.



Digital cameras

Plate Mounter VP-HT SLEEVES 1200 for wide web sleeves, model Year 2012

Equipped with full options:

- N° 4 motorized cameras
- Electrical motorized mandrel rotation with encoder
- Double sided mounting table
- Nip-roll
- Sticky-back roll dispenser
- Virtual Image System for virtual proof of video

"The core of our plate mounters is based on Virtual Image System (patented)."

Plate Mounter NARROW WEB SLEEVES 500 for Narrow sleeves, model Year 2012

Equipped with:

- N° 2 digital HD cameras
- Double sided mounting table
- Nip-roll
- Virtual Image System for virtual proof of video
- Floor mechanical structure.

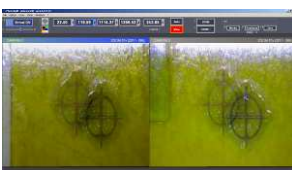
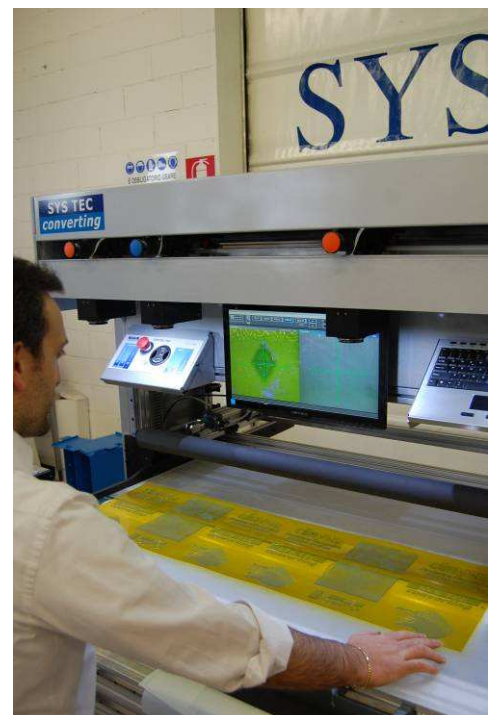
Our innovative and efficient plate mounting machines are highly regarded in the market.

The core of our plate mounters is based on Virtual Image System (patented).

Virtual Image allows you to obtain an easy, fast and reliable virtual proof on video, overlaying the virtual image of the reference plate with the real image of the plate during mounting.

Therefore, with Virtual Image it is possible to mount plates without marking-crosses or other reference points, because any part of plate can be referenced for the following one.

We recently obtained the patent on the Virtual Image Technology, witness of our efforts in R&D development



Example of mounting with Virtual Image

SYS-AUTOTAPER

Automatic mounting-tape dispenser

The SYS-AUTOTAPER is the new revolutionary automatic mounting tape dispenser. With SYS-AUTOTAPER the operator can easily set the number of lanes for the mounting tape and their position on the sleeve.

The sticky-back taping will be completely controlled by the machine. It will apply the mounting tape on the sleeve, apply pressure with a nip-roll in order to obtain a smooth taping, and finally it will cut the sticky-back for a perfect joint of the sides, without overlapping or voids.

A great TIME and MATERIAL SAVING !!!

Advantages:

- **Great time saving:** the operator can save time by allowing the machine to prepare all the sleeves
- **Great material saving:** optimization of the mounting tape with the electronic positioning of the tape and the automatic cut.
- **Great productivity** thanks to the easy operator interface

The main technical features are the following:

- Chrome plated sleeve mandrel
- Mechanical group for sticky back dispenser, movable on rails
- Sistema di taglio automatico del biadesivo
- Automatic sticky-back cutter
- Nip-roll for pressing the sticky-back
- Electric motorization of the sleeve rotation with high resolution encoder
- Microprocessor electronics, keyboard with LCD interface

SYS-AUTOTAPER is offered as an off-line machine, not integrated in the mounter (available as option for the mounter).

Increased production can be obtained the off-line machine. A single operator can prepare all the sleeves for the next job while another operator works on the mounter, to have them ready for the next job.



SYS-Autotaper

“We believe it is essential that continuous research and development of solutions are a real advantage to the users!!”

SYS-DEMOUNTER

Automatic system for plate demounting

The new DEMOUNTER is developed to remove plates and tape from sleeves.

The DEMOUNTER replaces the need of an operator to remove plates or mounting tape, an operation that can be time consuming, especially when removing wide plates.

A pneumatic clamp (specifically cushioned in order to prevent plate damage) locks a side of the plate, then the machine automatically pulls the plate with a constant speed without tearing it.

Equipped with an expandable shaft, the machine can work with all the sleeve inner diameters.

ADVANTAGES:

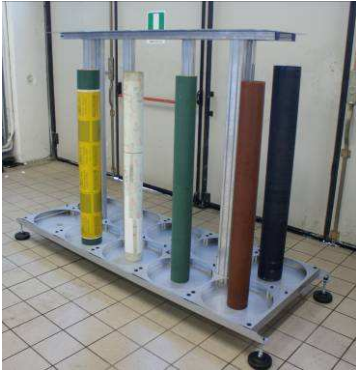
- It replaces the human interaction, increasing safety in the workplace
- Controlled pulling speed prevents any possible damage to plates and sleeves
- Time saving



SYS-Demounter

SYS-SSL — SMART SLEEVE STORAGE

A new storage system for sleeves



SYS TEC introduces to the market a new storage system for sleeves, the **SSL – Smart Sleeve Storage**.

SSL is based on a modular solution, so that it can be adapted to any space.

Sleeves are stored in the vertical position in order to avoid any deformation.

The basic cartridge module can store up to 10 sleeves, and there is no maximum limit for the number of cartridges!

A simple software interface allows the operator to select the desired sleeve format and an automatic shuttle will pick the right cartridge up from the storage rack.

ADVANTAGES:

- Increase the efficiency and productivity of floor space
- Modular and flexible design
- Adaptable to any surface or building height
- Safe storage of the sleeves
- Easy management with the operator control panel.



Contacts:

ST CONVERTING S.R.L.

Via della Musia 86
25135 Brescia—Italy
Phone: (+39) 030 23 52 006
www.stconverting.com



SYS TEC NORTH AMERICA, LLC.

108 State Street Suite 103
Greensboro NC 27408 - USA
Phone: (+1) 336-272-5225
www.systemecamerica.com



SYS TEC LATINOAMERICA S.A.S.

Carrera 111C No. 81 – 30 int. 15 Apto 201
Bogotá – Colombia
Tel. (+57) 1 757 9772
Mov. (+57) 316 875 3206 / 316 636 8073
www.systemeclatinoamerica.com

