

# INPRINT **pressrelease**

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## The Aster 180C - A new entry in Meccanotecnicas' sewing machine range

The Meccanotecnica S.p.A. group ranks among the leading manufacturers of book finishing equipment. Its automatic lines for gathering and sewing opened up a new era in book sewing, making it more efficient and economical than ever.

This year, to even better suit the needs of every binder, Meccanotecnica launched a new book sewing machine that incorporates attractive new modern design and compact high performance unit, sturdy construction and reliable devices. Shown for the first time during IPEX 2006, the Aster 180C, with its small size, offers the best features such as shown by its technical specifications.

### The Aster 180C under the magnifier lens

The Aster 180C has a maximum mechanical speed of 180 rpm, achieved by employing a top of the line driving system.

The opening head includes a built-in Lap Opener. It is a programmable device for the mechanical opening of signatures with high and low folio lap anywhere in the book. This device is particularly helpful with come-and-go signatures.

The newly designed leveler guide on the sewing saddle, which keeps signatures in the right position during the sewing, is now made **of carbon fibre**. This means that the lighter and more rigid construction reduces vibrations and ensures a more reliable signature transfer and registering.

The newly designed double belt **registering device** on the sewer saddle is now made **of carbon fibre**. This solution further reduces machine maintenance. The centralized pneumatic system employs now the latest generation of **SMC electro valves**; which makes it more reliable, simpler to oversee and maintain.

Meccanotecnica designers have made a meticulous study of the machine mechanics in order to create a high performance durable and reliable unit. Roll bearings are extensively used, and several mechanical movements have been upgraded.

The Siemens PLC S7, which controls all machines functions, is now equipped with a **more powerful CPU**. This allows to store, for the last four jobs, and the following detailed production statistics:

Dynagraph traces its roots back to the 1970s. Dynagraph is at the cutting edge of transfer of printing technology.

Dynagraph for Printing Industry Ilc, Dubai serves as a regional hub, operating from the commercial capital of the United Arab Emirates to coordinate all activity in the Gulf.

Dynagraph for Printing Industry Sal (Offshore) and Dynagraph Lebanon sal cover the near eastern markets.

Dynagraph is a small to medium size business with 90 employees.

Dynagraph aims for a balanced product mix between supplies, pre-press, press, after press, converting, consumables and services

In prepress with both standard and bespoke hard and software solutions from DTP to high-end systems Dynagraph deals with manufacturers such as Fuji Film Graphic Arts or DuPont.

In press, sheet and webfed MAN Roland is Dynagraph's partner provides a wide range of highly developed presses and services, whether in commercial, packaging or publishing printing.

In after press, our partners in this sector are leading manufacturers like Kolbus, MBO, Schneider\_Senator, Theisen & Bonitz, and others.

Kolbus offers the most extensive machine range in the industry. Hardcover as well as adhesive bound products such as catalogues, magazines, schoolbooks, paperbacks, and a variety of other products.

For special types of projects for the packaging and converting industry, Dynagraph works together with world leading manufacturers and foremost suppliers of products for solid board, corrugated board and flexible packaging industries e.g. Mark Andy, Winkler+Dünnebier,

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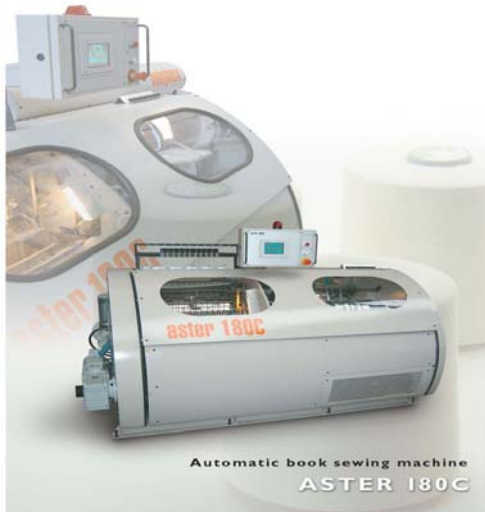
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Dynagraph for Printing Industry Sal  
-is a member of the Dynagraph Group

- signature and book counter
- average speed
- processing time
- time to finish the job
- down time
- the number and cause of the main stops
- production per shift for the last two days

### The Aster 180C - Technical Data

Min. Size	150 x 75 mm
Max. Size	420 x 320 mm
Max. Mechanical Speed	180 cycles/min
No. of openings	4 top, 4 bottom
No. of stitch positions	10
Stitch length and distance	19 mm
Air consumption	max. 500 NI/min at 6 bar
Rated power	7.75 kW at 400 V or 9,85 kW at 220 V



The Aster 180C –attractive new modern design, compact high performance unit, sturdy construction and reliable devices



The Aster 180 C shown in World Premiere at IPEX 2006