

## **An Aster 220SA delivered to Express International**

**For a hardcover book binder a high end Kolbus book production line can offer better results when book blocks are perfectly sewn.**

In 2006, Meccanotecnica launched the Aster 180C, that incorporates a new modern design and compact high performance unit, sturdy construction and reliable devices, to even better suit the needs of every binder. This was Express International's first investment in a brand new sewing machine made by Meccanotecnica. This unit offers most features found on larger models and is the most compact sewing machine available on the market.

With the experience made on the earlier model Express International then decided to purchase an Aster 220SA with a top speed of 220 cycles per minute. The secret of this unit lies in its drive system – all movements of the Aster 220SA are controlled by cam shafts running in three sealed oil-filled compartments thus ensure high mechanical speed, reduces vibrations and long cam lifetime without maintenance.

The Aster 220SA is the fastest and the most automated sewing machine on the market, an ideal solution both for long and short run production; it sets a new standard for performance, build quality and ease of use.

The Aster 220SA has a top mechanical speed of 220 cycles/min, a result of new motorization, the use of individual components made of new carbon fibre materials and, especially the three cam boxes. All movements of the Headop feeder, the sewer saddle and the sewing unit are controlled by those three cam boxes, which reduces vibrations and noise and do not require maintenance.

It features an advanced Siemens PLC complemented by a 12" user-friendly touch screen color display, providing:

- Quick and easy programming without having to stop the machine
- Storing of up to 30 different sewing programs that can be recalled during production
- Displaying of production data, machine speed and alarm messages
- Automatic variation of the machine speed in case of books with complex signatures.
- Automatic set-up at each job with automatic size change

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, prepress, 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 manroland 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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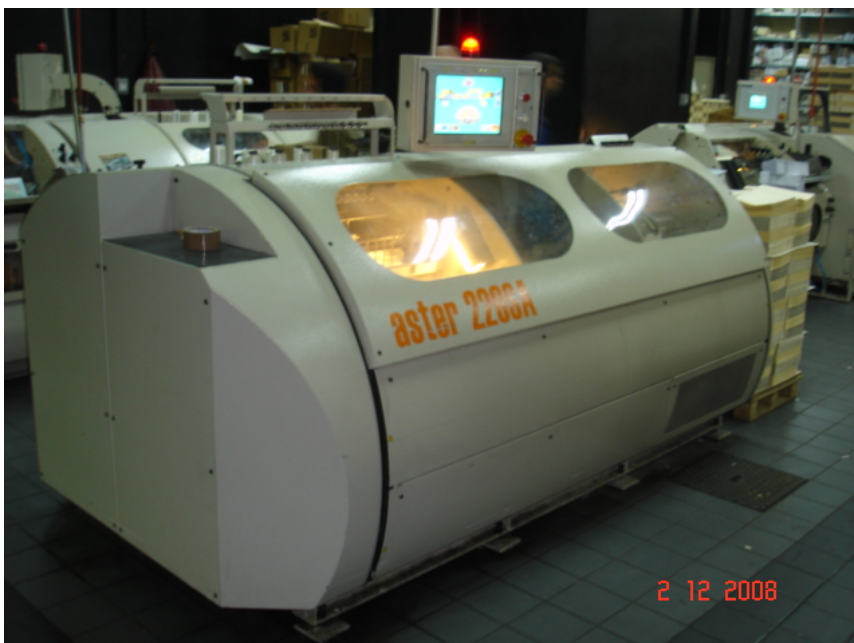
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*For more information on Meccanotecnica and its product range kindly contact your local Dynagraph partner.*



Overview of the Meccanotecnica machines at Express International



The 12" user-friendly touch screen color display on the Aster 220SA.