

INPRINT pressrelease

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The fully automatic KOLBUS book and brochure palletizer PL 770

Kolbus's new palletizer PL 770 is the ideal and most logical solution to stack printed and bounded products.

Thanks to this fully automatic system printed and bounded products are stacked and palletized as soon as they are printed and bound whatever format. The system saves time and energy in the most effective way.

It is the paternoster system that makes the specificity of the PL 770. It transports the products to the specified palletizing height, which excludes the possibility of stack slippage on an inclined belt as in other systems. The desired palletizing pattern is achieved with the aid of the integrated turning device.

The individual piles are assembled to form a row on the palletizing conveyor and are subsequently conveyed to the palletizing table. A certain number of rows are put together to form a layer. This layer remains on the intermediate stacking plate until the plate is retracted and the products aligned on all four sides, are deposited onto the automatically supplied pallet. This process is repeated until the programmed pallet has been completed.

Paper/cardboard sheets are automatically placed onto the layer according to the programmed specifications to stabilize the pallet stack.

Once the pallet has been completed with the programmed number of product layers, it is automatically pushed along the roller conveyor to the delivery. The fully automatic pallet magazine with roller conveyor achieves very short pallet turnaround times.

This machine is equipped with a separate turning station. It can process larger formats and is used for palletizing packed units.

The machine is controlled by a user-friendly PC. Once the product, pile dimensions and desired type of palletizing have been entered, the palletizing pattern is automatically calculated to achieve the optimum utilisation of the pallet. The layer patterns and production data can be saved. The current output parameters are displayed continuously. The layers alignment can be precision adjusted without interrupting the production process. The products are presently conveyed and cyclically fed to the paternoster system by an accumulating conveyor.

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 Fujifilm 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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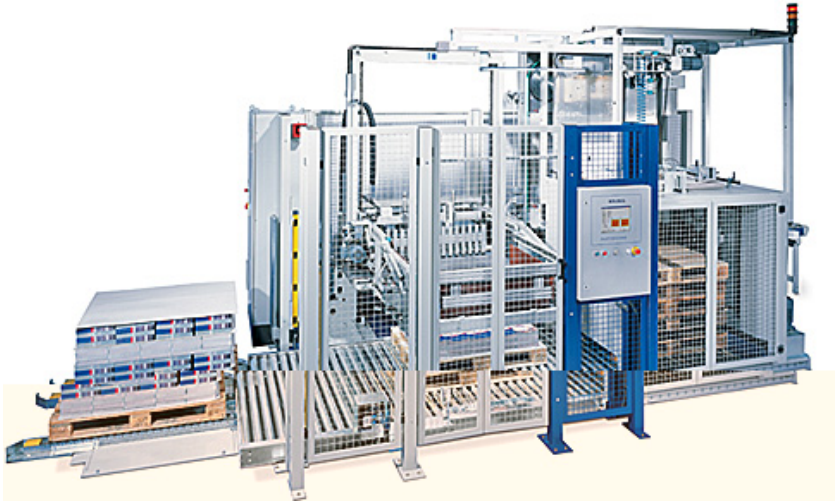
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Dynagraph for Printing Industry Sal
– is a member of the Dynagraph Group

For more information on Kolbus GmbH +Co. KG and their product range kindly refer to your local Dynagraph partner



The Kolbus PL 770 fast and effective works on a variety of formats and does not require much space



The Paternoster system saves space and transports the products to a specified palletizing height



Once a complete layer of delivered stacks has been formed onto the pallet, paper/cardboard sheets are automatically placed on the layer to stabilize the pallet stack.