

Arwa Printing Press, Jordan invests in a manroland R504

Arwa Printing Press purchases a ROLAND 500, 4 color sheetfed offset press. The press was put into operation in March 2010. Arwa Printing press is a fast growing book and commercial printer based in Amman and catering for the needs of the local market and mainly Iraq and Saudi Arabia. The fourcolor ROLAND 500 will help Arwa PP meet its growing demand for print and quality.

The ROLAND 500 has been designed to print more quality jobs in less time, printing up to 18,000 sheets/hour and from 0.04 to 1mm thick (depending on the configuration), without compromising the quality.

The result of a superior print quality is the flat and smooth sheet travel defined by the center points of the double-diameter impression cylinders and transferers that are arranged virtually in a line, pushing the sheet to take the shortest route through the press and staying longer in the printing zone.

Print quality remains high through the consistent inking over the entire run supported by a Remote Controlled Inking (RCI), which allows the fast and precise inker settings and reduces the makeready times, while ensuring that the press is up to color fast and there are fewer waste sheets.

Thanks to an automated re-setting of sheet size changes and an automated sheet size adjustment for the feeder and delivery, stoppage-free sheet separation for the whole range of substrates, individually adjustable separation and transport suckers in the suction head, the operator will here also enjoy faster make-ready times and a higher productivity.

To reduce even further the makeready times, the machine can be equipped with the Power Plate Loading (PPL) for an automatic plate change, the ColorPilot – fastest color control system, with other QuickChange options and with printnet to handle all makeready parameters automatically.

Highly automated, the ROLAND 500 is fitted with QuickChange modules reducing the operating personnel to a minimum. QuickChange Surface helps for quicker ink changing without consumable materials, QuickChange Job is as its name states for a quicker job change including

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.

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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,

Dynagraph for Printing Industry LLC
Corporate Marketing & Communication
P.O.Box 35495
Dubai, United Arab Emirates

Press Officer: Diana El Kara

Phone: +971 4 3477724

Fax: +971 4 3476761

E-Mail:delkara@dynagraph.net

dynagraph.net

de-inking and inking-up and QuickChange Infeed stands for the automatic sidelay, frontlay and lay hood adjustments.

For print enhancement, the ROLAND 500 can be equipped with the Roland InlineFoiler Prindor, offering the possibility of multicolor inline overprinting of the foil. Along with the inline cold foil transfer, the options of inline coating with dispersion or UV coatings provide a wide new range of designs and savings at the same time, since there is no separate coating process needed and the rapid drying enables the print products to move to the finishing operations sooner facilitating just-in-time production.

For more information on manroland AG and its product range please contact your local Dynagraph partner.



Mr.Ibrahim Alqura'n, Mr.Antoine El Kara and Mr.Adel Hijazi at the signing ceremony.



The fourcolor ROLAND 500 at Arwa Printing Press in Amman, Jordan.