



METALSTAR PR

 **KBA-MetalPrint**



METALSTAR PR – Approved Technology

The basic version already incorporates the following equipment:

- A high performance feeder specially designed for "scroll" and rectangular sheets
- A patented high-precision registering system, KUNZIMATIC, with EASY SWITCH between "scroll" and rectangular sheets
- A fully automatic plate changing < 4 min on a 6-colour press
- An ERGOTRONIC central control console with EASY REPEAT
- An automatic sheet-size setting, extendable to the complete line
- A COMBIMATIC washing system for plate, blanket and printing cylinder
- An automatic inking washing system, EASY WASH
- Circumferential, side register and cocking, all remote-controlled from the ERGOTRONIC console
- Adjustable gripper bars
- Disconnectable inking units
- A fully-integrated diagnostic system for remote service with modem
- A special geometry of the plasma covered blanket and impression cylinder for metal decoration
- Newly designed grippers for metal printing

High speed guaranteed by:

- A servo-driven feeder
- A patented KUNZIMATIC high-precision registering system
- A VARISPEED registering drum
- Newly designed guiding elements
- Basic frames cast in one single piece
- A precision roller-bearing system with the cylinders pre-tensioned to prevent backlash





METALSTAR PO

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METALSTAR PO – High Performance Printing

The METALSTAR PO ensures exceptional output, improved quality, increased speeds and low operating costs.

State-of-the-art electronics not only allow full machine functionality but also enable a total transparent

printing process to be integrated into a business operating system. Repeatability and reliability in print –

guaranteed with this next generation of the METALSTAR PO metal printing press.

The METALSTAR PO's main characteristics:

- Continuous grip technology
- High speed feeder specially designed for metal printing
- Dynamic sheet control system at the infeed
- Automatic change of printing plates (PPL Power Plate Loading)
- OCP (Operator Control Panel) console for storage of job parameters
- Automatic sheet size setting
- Automatic brush-type washing device for blanket and impression (option) cylinder works simultaneously
- Automatic inking washing system
- Remote-controlled circumferential, side and diagonal register
- Adjustable gripper bars
- TelePresence for remote diagnostics
- LCS (Low Coverage System) reduces change-over time by fast ink redistribution





MAILÄNDER 222

 **KBA-MetalPrint**



MAILÄNDER 222 – Tough, Fast and Reliable

The Mailänder brand name has always been associated with robust and reliable metal decorating machines able to process all types of metal sheets in the market.

The new MAILÄNDER 222 printing press incorporates over 100 years of experience in the metal decorating industry and employs the latest technology to give higher quality, lower spoilage and shorter change-over times, which all contribute to higher productivity.

Technological advantages

- Large sheet format up to 1 200 x 970 mm
- Flat sheet travel
- Sheet thickness up to 0.50 mm
- Exceptional registration accuracy
- Short change-over times
- Ease of operation
- High degree of automation
- Central location of operator controls
- Short installation and commissioning period
- Easy adaptation of supplementary products
- Long service life
- German engineering, manufacturing and support

