Matti Technology AG

Matti Tech MonoJet 108

Imprinting Solution

Solution for Economical high quality on demand printing

The MonoJet 108 Printing System is simple to integrate tough and reliable an can be used with a wide range of fluids.

Ideally suitable for adding security coding, barcoding, addressing, text, logos, pictures and spot colour.

YOUR VISION

OUR MISSION

Explore variable data printing opportunities.

MonoJet Heredity.

The Monojet 108 is part of a much broader family all offering cost effective, innovative and reliable solutions to give the functionality desired; each solution can be customised to meet your specific business needs.

Ideas and Opportunities.

The MonoJet 108 is a fully featured standalone economic solution, with web speeds of up to 150 mtrs/min, versatile fluid compatibility, offering inks for coated and uncoated stocks. The 8 level greyscale allows for high quality picture reproduction. Can be used in Web presses, Sheet presses or Large flatbed systems.

Expand your capabilities.

The MonoJet 108 allows you to offer added value to document printing, creating greater opportunities.

The Imprint modules can be integrated into a multitude of printing processes from offset presses to finishing equipment.

Typically used in transactional, commercial printing, packaging, corrugated packaging, folded cartons, labelling and ceramic printing industry sectors.

Intergration.

Intergration services are available from Matti including base modules for imprint heads

matti
inkjet web solution

Jetting Modules:

The jetting modules are pre-aligned in a cassette and feature quick and easy connectors for fluid, electrical and data connections, this allows the cassettes to be easily replaced if required.

- Key Features: - Kyocera KJ4B-EX Series printhead (Recirculation Structure right through the printhead)
- Compatible ink: Aqueous and UV inks
- Print width: 108 mm
- Number of inks: 1
- Resolution: 600 X 600 DPI – optional 1200 x 1200 DPI

Discover more about Matti Technology Solutions:

Go to: www.mattitech.ch

or arrange a visit at:

Matti Technology AG
Industriestrasse 9
CH-8583
Sulgen
Switzerland

Email: info@mattitech.ch
Tel: +41 71 424 09 40
Fax: +41 71 424 09 41

Cleaning System:

Cleaning of the active nozzle surface is carried out by using wipers that gently remove any waste; the wipers in turn are automatically cleaned by a jet of cleaning fluid

Ink Delivery System:

The Ink Delivery System (IDS) provides capacity for 1off 10 litre cubie of ink.

The IDS pumps the ink from the cubie preconditions the ink before sending it on to the sub-tank in the printbar. Preconditioning consists of filtering and degassing of the inks. Filters and degassers are easily accessible; tubes and sealings are of highest possible compatibility to the broadest range of inks.

Drying:

The drying units features hot air and IR/NIR drying.

Drying functions are controlled from the main control panel allowing precise temperature settings up to a maximum of 100ºC

Single Colour Printing System

Fully featured "Standalone" IMPRINT system.

Digital Front End:

The imprint module is operated via a Matti Digital Front End (DFE) containing RIP software and job queue. Capable of processing PDF files.

The DFE provides a top-level view of the imprint module and allows the operator to manage print jobs (job queue), prepare the files for print (RIP) and parameterise all aspects of the print process.

Technical

- Drop on Demand (DOD)
- Compatible ink: Aqueous and UV inks
- Recirculation Ink Configuration
- Max Jetting Frequency: 60 KHz.
- Resolution: 600 X 600 DPI or 1200 X 1200 DPI "subject to application"
- Print width: 108 mm (4.25")
- Minimum drop volume: 1.5 pl
- Maximum drop volume 7.0 pl
- Drop size: 21 to 42 Microns
- Single-pass printing at up to 150 m/min
- Print Head Size:
  - Width 400mm
  - Height 450mm
  - Depth 150mm

Head measurements are approximate.

matti
inkjet web solution