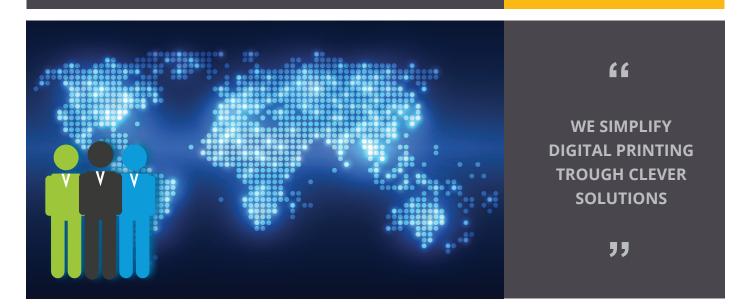# APPLICATION EXAMPLES

High quality 4-color print on all materials with an absorbent surface (like most kinds of uncoated papers and cardboards) or materials which are pre-treated for aqueous inkjet printing.

The flexibility of the overprinting system enables the Trojan3 to print on flat objects such as unfolded boxes or labels, thick objects like blister envelopes and wooden planks or even folded boxes ready for shipment - allprinted in a crisp high resolution of up to 1600 x 1600 dpi, at a maximum speed of 18 meters per minute (12 ips).

"

WE SIMPLIFY DIGITAL PRINTING TROUGH CLEVER SOLUTIONS

"

ABOUT US

Trojanlabel

Trojanlabel is an innovative company with a dedicated focus on digital printing solutions. It has since 2012 aspired to make user friendly printing and press systems through a driven focus on intelligent and thoughtful design. The versatile product range has made Trojanlabel a recognized market leader in delivering affordable cutting edge digital printing solutions.

Trojanlabel is based in Copenhagen, Denmark and is represented globally through a network of dedicated and exclusive partners.

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Trojan ③

EXPAND YOUR BUSINESS WITH AN AFFORDABLE OVERPRINTING SYSTEM

OVERPRINTING SYSTEM

The Trojan3 overprinting system is a simple and intelligent inkjet system that can be mounted on any moving platform such as mail tables and conveyor belts, printing at speeds of either 9 or 18 meters per minute.

The flexible positioning system allows the printing unit to move more than 400 mm from the cabinet to support print-on applications of variable widths. The print height can be adjusted directly from the interface (3mm) for even greater flexibility.

The Trojan3 has a highly intuitive user interface, robust mechanical design and an automatic print head cleaning system that swiftly handles trivial maintenance tasks.

CONSISTENT PRINT QUALITY

- Unique and self-predictive print head maintenance
- Unique print registration

EASE OF USE

- TrojanControl intuitive touch screen interface
- Ink tanks are mounted on the back door for convenient and fast access
- Flexible print unit positioning system

HIGHEST PRINT QUALITY

- High: 1600 × 1600 dpi
- Normal: 1600 × 800 dpi
- 1-2 picoliter drops

EASY INSTALL AND SERVICE

- Convenient access to print head
- All vital parts easily replaced by operator
- Support and diagnostics direct from Trojanlabel through TeamViewer

PRODUCTION OUTPUT

- Large ink tanks (2 liters each CMYK)
- Print width 222.8 mm (8.77 inch)

SIMPLIFIED SOLUTION

- Out-of-box solution and ready to run within hours

TROJAN3 MOUNTED ON HSA SYSTEM

" The Trojan3 overprinter has proven to be extremely versatile in our production and as an example we have digitalised our pizza box printing — immediately resulting in stronger sales and profitability.
Says Adrian Gogoase, CEO Adriano Company "

T3 mounted on a converting table

Trojan ③

TECHNICAL SPECIFICATION

Technical Specification

▸ Simple cleaning station ensures high print quality over long runs
▸ 1-2 Pico liter drops
▸ Spring loaded blade for controlling media just before print head
▸ Adjustable print head height
  Electronically: 3 mm, both directions
  Mechanically: unlimited, depending on design
▸ Remote access for control and service

Performance

▸ Print speed 9 m/minute or 18 m/minute (+/- 5%)
▸ Print resolution — 1600 × 800 dpi or 1600 × 1600 dpi
▸ Printer data connectivity — Ethernet 10/100/1000
▸ Dye ink in 4 individual 2000 ml CMYK color ink tanks
▸ **Example:** up to 10,320 envelopes (220 × 100 mm) per hour

Media Handling

▸ Maximum printable width — 222,8 mm
▸ Maximum printable length — 762 mm without stitching, unlimited length width stitching
▸ Media width — depends on installation
▸ Media thickness — User controlled, adjusted through user interface

Operating Environment

▸ Operation: 15° to 30° Celsius at RH 22-80% (non-condensing)
▸ Storage: 5° to 50° Celsius at RH up to 85%, non-condensing at 65°

Usability & Serviceability

▸ TrojanControl user friendly interface
▸ 15.6'' color HD capacitive touchscreen (Optional)
▸ Ethernet 10/100/1000. 4GB storage
▸ Embedded web server for basic settings and operation
▸ Remote access for control and service
▸ Easy setup, troubleshooting and servicing
▸ Stainless steel and aluminium with industrial-grade ruggedness
▸ Printer driver compatibility — 32/64-bit Windows 7, 8, 10, 32-bit Windows XP & Vista
▸ Supported network protocol — Automatic (DHCP) or Manual TCP/IP settings
▸ Field upgradable firmware, easy replaceable print engine for quick swap out. No tools needed