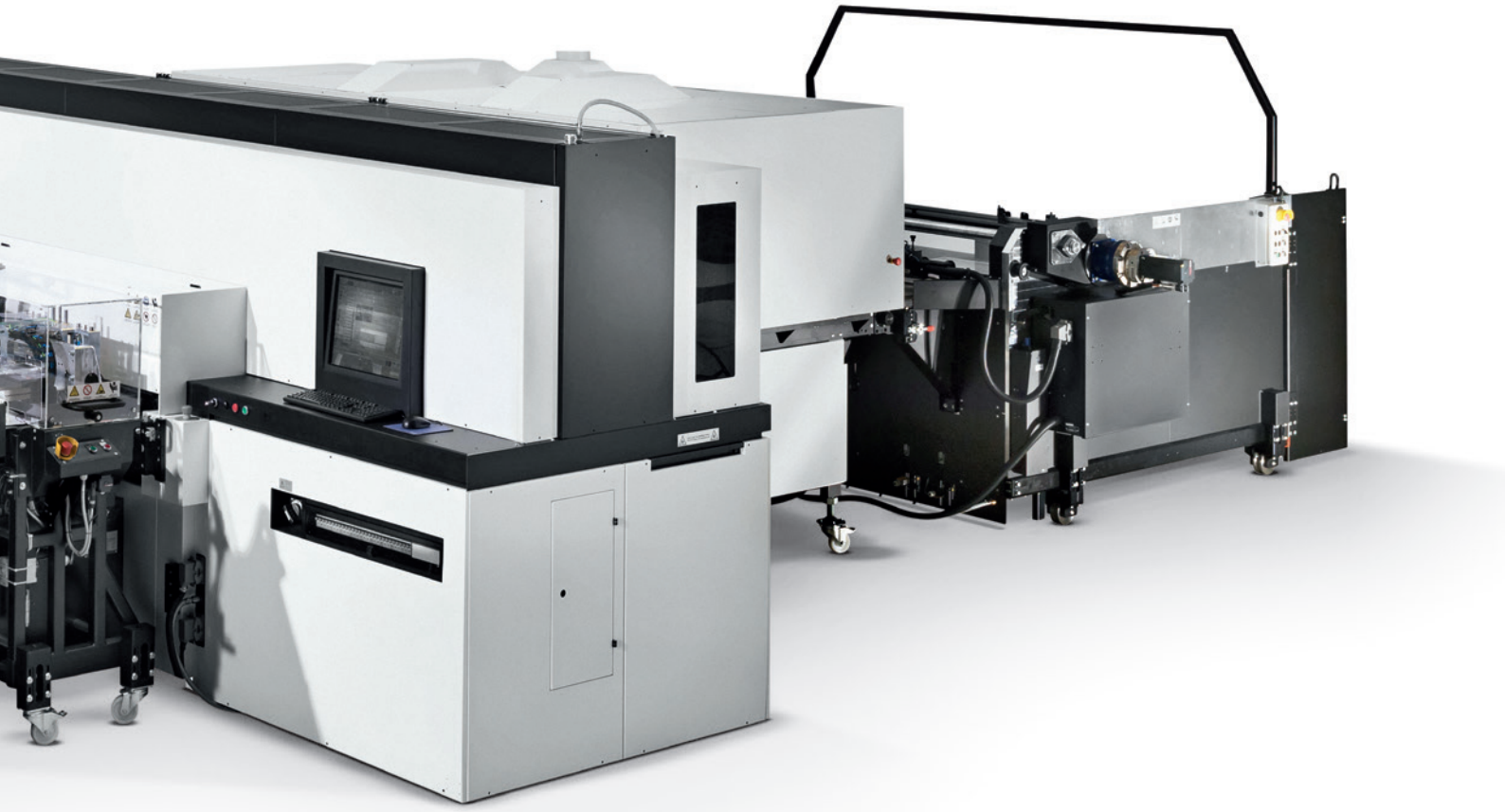
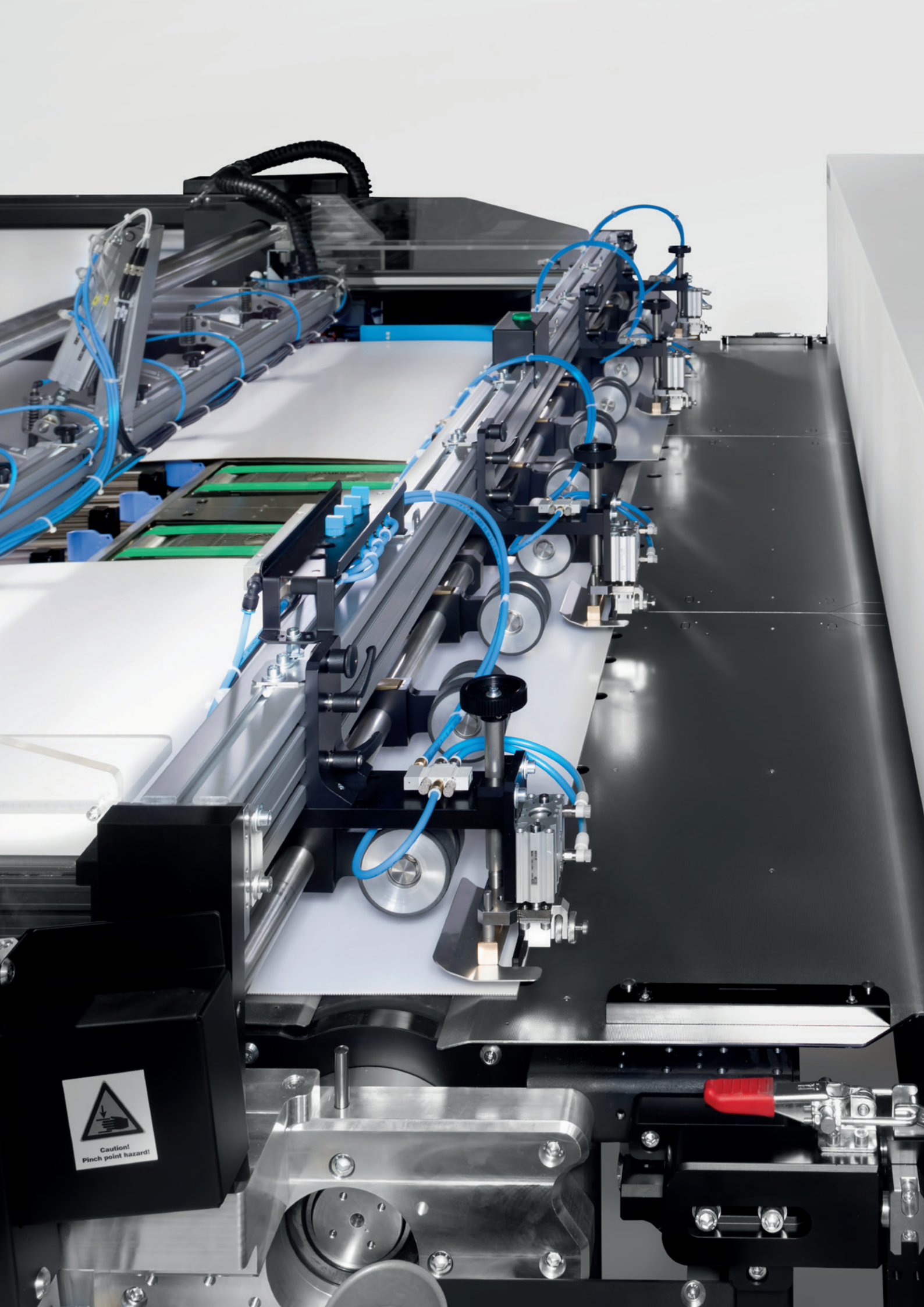
WT 250

EN



WATER-BASED DIGITAL PRINTING
IN OFFSET QUALITY

durst


Caution!
Pinch point hazard!

WT 250 — DURST WATER TECHNOLOGY FOR POP/POS APPLICATIONS, DISPLAYS AND PACKAGING

The WT 250 Multi-Pass Inkjet Printer is a flatbed printing system with Durst Water Technology developed for large format digital printing on corrugated materials and paper media.

The WT 250 prints with water-based, nearly odorless Durst WT inks. They are free of any labeling, do not contain any hazardous components and comply with the strictest health and safety guidelines. The print results provide offset quality in look and feel. Therefore WT inks offer real added value.

With a printing speed of up to 345m^2/h, the WT 250 shows its productiveness when printing on paper and fibre surfaces. But even very short runs, such as one-offs, samplings, individualizations and versioning, can be realized immediately and profitably with Durst Water Technology and an efficient digital workflow.

The WT 250 is not only an environmentally friendly alternative for the production of low-odor POP/POS applications, displays and packaging for in-store applications. Thanks to the continuously increasing demand for these products, it is a secure future investment.

> Litho quality
> Digital workflow
> GMP-compliant WT inks
> Odorless inks

WT 250 — DIGITAL PRINTING IN OFFSET QUALITY

The WT 250 is equipped with recirculating Durst Quadro Array print heads and a WT ink system with 6 colors. This ensures increased operational readiness and reliability. The WT 250 prints on small formats such as A3 up to very large and thick sheets with a maximum sheet length of 3,200 mm and a thickness of 0.5 – 30 mm.

Product of the Year 2018
'New Technology'

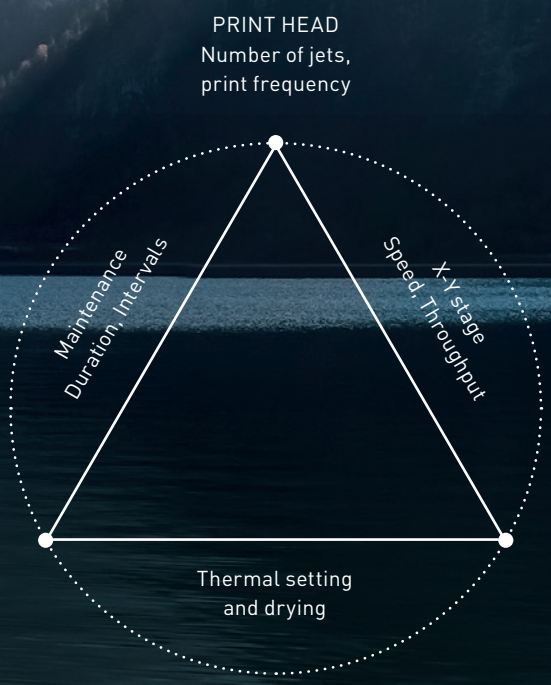
EDP-Award 2017
'Best Corrugated Print Solution'

345 **M²/HR** Maximum productivity board size 2,440 x 1,220 mm	**200** **M²/HR** Average productivity board size 2,440 x 1,220 mm	**67** **BOARDS/HR** Average productivity board size 2,440 x 1,220 mm
1000 **DPI** Maximum resolution	**2500** **MM** Maximum board size	**3200** **MM** Maximum board length (depending on equipment)
4–6 **COLORS** (CMYKLcLm)	**0.5-30** **MM** Board thickness	**GMP** **COMPLIANT** For primary packaging

DURST WATER TECHNOLOGY

Durst Water Technology inks are an integral part of the long-term Durst strategy of offering sustainable, digital printing systems as an alternative to conventional printing systems for the packaging and display sector. Entirely in synchrony with the requirements of the corrugated cardboard and solid cardboard industry, these are eco-friendly, marking-free, water-based, organic-pigmented and monomer-free ink systems. They represent the next technological milestone in water-based ink systems, as they allow high-quality, odor-free, indelible, glossy and non-fading end products to be produced in a single process.

Durst Water Technology means that pre-treatment, interim drying and overprinting steps can be eliminated.



> Odorless
> Flexibel
> Non-fading
> High-gloss
> Abrasion resistant

THE RECYCLING OPTIONS FOR WATER TECHNOLOGY INK

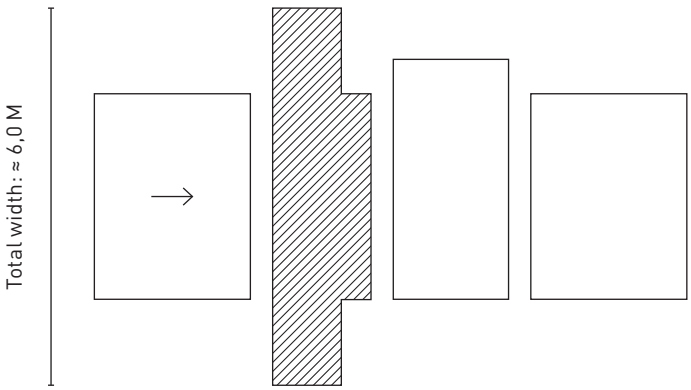
The recycling of Durst Water Technology prints was evaluated by the independent Paper Institute of the University of Darmstadt in Germany in accordance with the PTS-RH 021/12 Directive and the standard. The certificate from October 2018 confirms that the recycling requirements are met.

TECHNISCHE UNIVERSITÄT DARMSTADT

WT 250 — ADAPTABLE TO PRODUCTION REQUIREMENTS

The WT 250 can be adapted to suit specific customer requirements. The different peripheral components can be combined to offer an easy manual solution right through to a fully automated feed and removal.

Example:
Overview of Automation AF 320



Roller Table

Industrial Feeder 210

Industrial Feeder 320

Registration Table Standard

Registration Table AF

Printer Delta WT 250

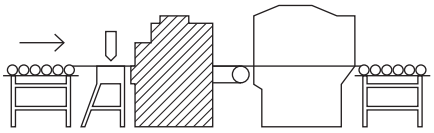
External Dryer

Industrial Stacker 210

Industrial Stacker 320

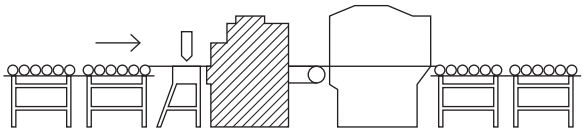
Manual loading and registration

Total length: ≈ 7.0 M



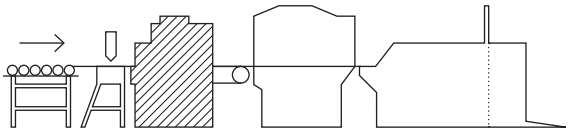
Manual loading and registration XL

Total length: ≈ 10.0 M



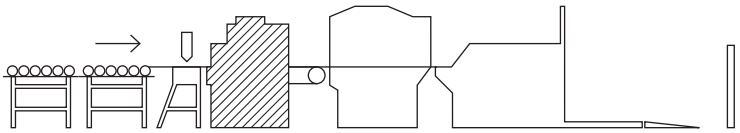
3/4 Automation 210

Total length: ≈ 9.5 M



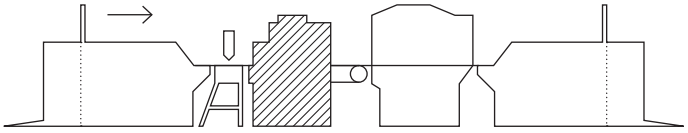
3/4 Automation 320

Total length: ≈ 12.5 M



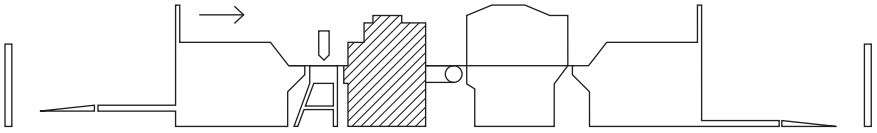
Full Automation 210

Total length: ≈ 11.5 M



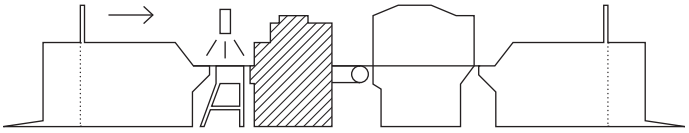
Full Automation 320

Total length: ≈ 14.5 M



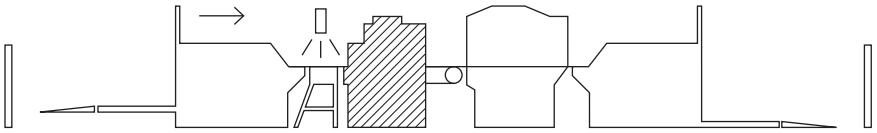
Full Automation AF 210

Total length: ≈ 11.5 M

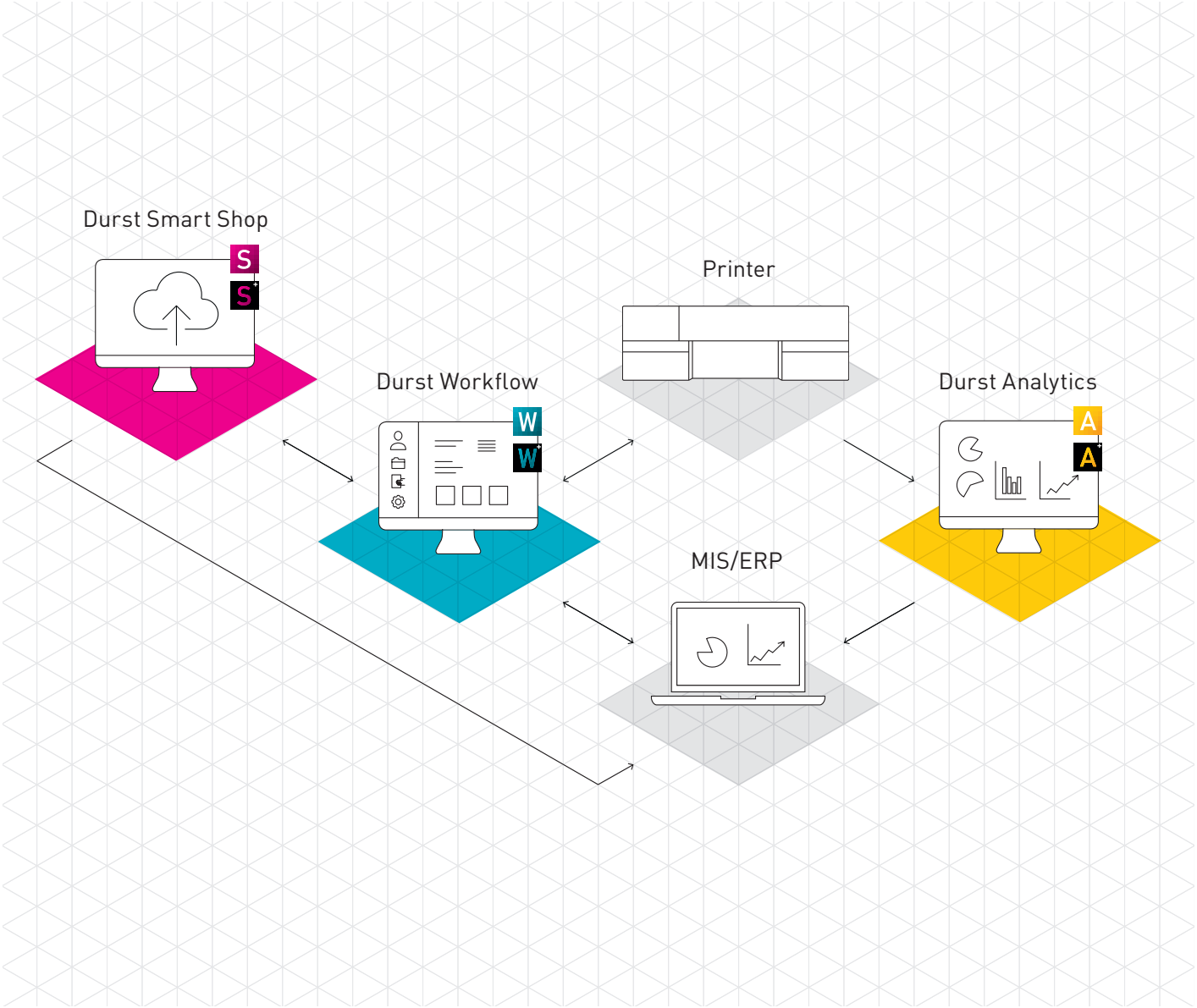


Full Automation AF 320

Total length: ≈ 14.5 M



DURST SOFTWARE ECO-SYSTEM



The WT 250 is equipped with two basic modules of the Durst Software Eco-System: Durst Workflow Print and Durst Analytics, our monitoring tool. Durst Smart Shop, an individually scalable e-commerce solution, is optionally available as a third basic module.

All basic modules can be easily managed via a web-based user interface and extended to the PLUS version.

DURST SOFTWARE MODULE

DURST WORKFLOW

Durst Workflow is the all-in-one solution for pre-press and production. To achieve optimum results, it combines data preparation, output preparation and color management into an efficient production process.

DURST WORKFLOW PRINT

This software is part of the basic configuration of the WT 250 and ensures its remarkable productivity. The intelligent and lean production management solution combines easy data management with proven technologies for ripping and color management.

DURST WORKFLOW PLUS

This optional module optimizes and automates all process flows through:

> Prepress functions, for a fast and flexible provide data preparation
> an individual correction function
> a sophisticated toolbox for the color matching
> the integration with your ERP/ MIS systems

DURST ANALYTICS

Durst Analytics monitors connected printing systems via a web-based interface from virtually anywhere and brings transparency to production by continuously analyzing key print data such as material, ink consumption and productivity.

DURST ANALYTICS

This module is part of the WT 250's basic software package and provides a web-based dashboard for daily evaluation of job processing, productivity and the current status of the printing system. This helps to identify critical problems at an early stage, prevents downtime and, in the event of support, enables faster reaction times for trouble shooting and support.

DURST ANALYTICS PLUS

The server-based add-on module connects printers equipped with Durst Analytics and makes the data available for ERP or production planning systems. With our API interface, a customized report can be generated easily.

DURST SMART SHOP

Durst Smart Shop is an innovative online store system with high conversion rates for the complete, efficient and digital handling of your print jobs. It enables you to both offer and sell your products and print services via the internet.

DURST SMART SHOP

This module has all the essential functions of a web store, enhanced by advanced calculation options, a realistic 3D preview function and the use of print-specific attributes in product configuration.

DURST SMART SHOP+

The add-on module expands the web store with an innovative intuitive graphical online editor, called Durst Smart Editor. It allows customers to design the desired product quickly and easily directly in their browser without installing any additional software.

Insert this sticker

SERVICE & CUSTOMER CARE

DURST SERVICE. A NETWORK TO RELY ON.

We stand for the steadiness and efficiency of our systems. If you still need help, you can rely on our worldwide network of service and support. For trouble-free operation of your system, we support you with remote diagnostics and telephone service, and with direct service on site, whenever needed, within a very short time. We have focused on maximising these tasks.

DURST TRAINING CENTER

DURST TRAINING. TAILORED PROGRAMS — OPTIMIZED PRODUCTION.

At our training center, we offer customized training programs covering a wide range of requirements: Operating training courses, training for in-house engineers focusing on maintenance and the transfer of technological expertise, as well as workflow training courses covering everything from the image file to the final print product.

We also focus on teaching theory and practical application for printer linearization, media profiling, ink limitation and color management. All of our training courses are practice-oriented in order to ensure smooth production processes and to maximize the performance, quality and productivity of your investment.

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