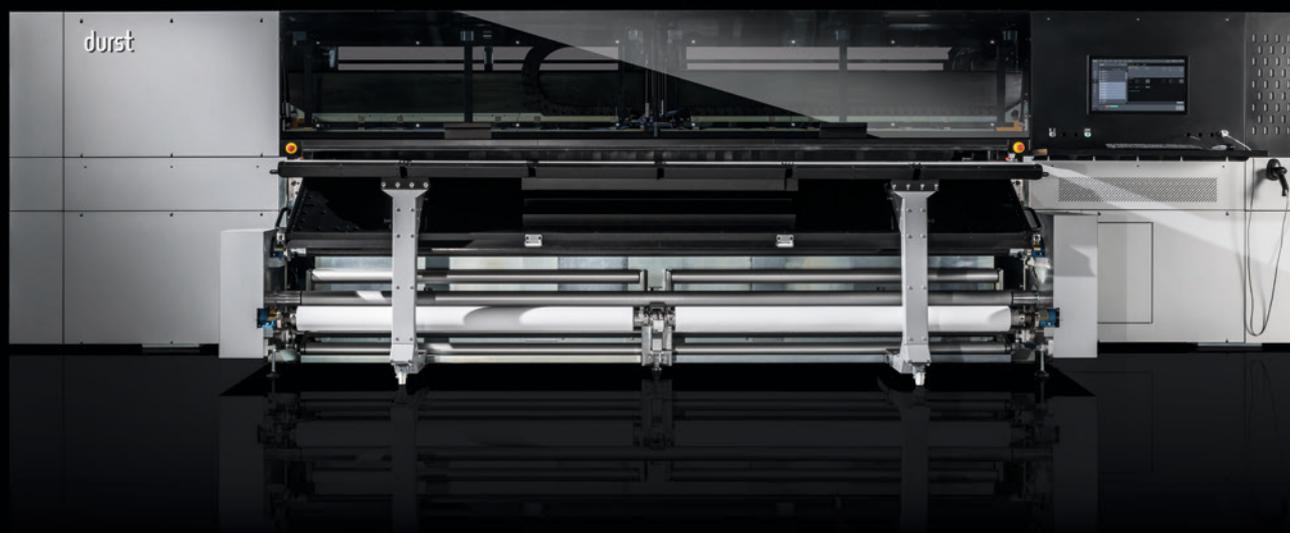


P5TM

PRODUCTION EXCELLENCE



P5 350/HS

The hybrid printer that elevates the efficiency
in your production cycle.



For more information,
please visit

durst-group.com/p5350



DURST P5
DOUBLE 4



DURST
RELIEF

durst

P5 350/HS

The most efficient 3.5 m (137.8 in) LED hybrid printer in the market.

Foldable roller tables

- > Heavy duty roller table
- > Easily movable
- > Space savings
- > Foldable for small board size
- > Fast change from board to roll and viceversa

Multitrack 6

- > Up to 6 independent printing queues
- > Minimum size A3
- > Sensor control boards feeding
- > No front registration table needed
- > Continuous board printing
- > Different board sizes

Multiroll & Dual roll

- > Upper and lower roll loading positions
- > Fast material change for time savings
- > Roll loading/unloading while printing
- > Dual roll printing up to 1,625 mm (64 in)
- > Tension bar system

Peripherals

- > P5 Automat ready (feeder/stacker) for full and 3/4 automation
- > Interface for third party inline cutting systems



Width & thickness detection

- > Width and thickness measurement
- > Wrinkles alert
- > Minimum risk of media crash
- > Auto media channel settings

D4 Double 4

- > Double CMYK color configuration
- > Maximized productivity
- > Highest performance

Corrugated printing

- > Special adjustable guides system for corrugated carton
- > Single and dual track
- > Automated corrugated option for HS version



Safe ink refill

- > Avoid wrong ink filling
- > Ink batch scanning
- > Inks expiration alert
- > Mechanical lock and light alert

Heavy duty roll

- > Roll diameter up to 600 mm (23.6 inch)

Special ink effects

 Durst Relief
(Hapt & gloss effect)

- > Varnish with Extra Gloss
- > Primer for extra adhesion

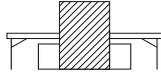
VIRTUAL SHOWROOM

More details, live demo, print samples.
showroom.durst-group.com/p5350



CONFIGURATIONS & TECHNICAL DATA

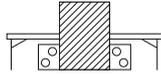
P5 350/HS BOARDS



- > Roller tables for manual operation
- > Continuous board feeding
- > 2 tracks

- Options:**
- > Multitrack 6
 - > Single/dual track corrugated

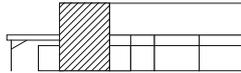
P5 350/HS HYBRID



- > Roller tables for manual operation
- > Continuous board feeding
- > 2 tracks
- > Roll tool

- Options:**
- > Multitrack 6
 - > Dual roll
 - > Multiroll
 - > Single/dual track corrugated

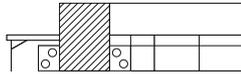
P5 350/HS ¾ AUTOMATION BOARDS



- > Roller table for manual feeding
- > P5 Automat stacking unit
- > Continuous board feeding
- > 2 tracks

- Options:**
- > Multitrack 6 (manual op.)
 - > Single/dual track corrugated

P5 350/HS ¾ AUTOMATION HYBRID



- > Roller table for manual feeding
- > P5 Automat stacking unit
- > Continuous board feeding
- > 2 Tracks
- > Roll tool

- Options:**
- > Multitrack 6 (manual op.)
 - > Dual roll
 - > Multiroll
 - > Single/dual track corrugated

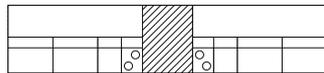
P5 350/HS FULL AUTOMATION BOARDS



- > P5 Automat feeding unit
- > P5 Automat stacking unit
- > Continuous board feeding
- > 2 tracks

- Options:**
- > Multitrack 6 (manual op.)
 - > Single/dual track corrugated

P5 350/HS FULL AUTOMATION HYBRID



- > P5 Automat feeding unit
- > P5 Automat stacking unit
- > Continuous board feeding
- > 2 tracks
- > Roll tool

- Options:**
- > Multitrack 6 (manual op.)
 - > Dual roll
 - > Multiroll
 - > Single/dual track corrugated

GENERAL TECHNICAL DATA

Max. productivity	P5 350 HS	up to 708 sqm/h (7620 sqft/h)
	P5 350	up to 325 sqm/h (3500 sqft/h)
Resolution		700 x 1200 dpi, 900 x 1200 dpi
Drop size		7 pl
Color Channels		up to 8
Max. printing width	Boards	3500 mm (11.48 ft)
	Single roll	3470 mm (11.38 ft)
	Dual roll	1625 mm (64 in)
Max. roll weight (lower & upper each)		300 kg (660 lbs)
Max. roll diameter		420 mm (16.5 in)
Roller tables length		Std. 75 cm (29.5 in)/140 cm (55.10 in), Opt. up to 220 cm (86.60 in)

PRODUCTION
EXCELLENCE

EN



DURST P5 DOUBLE 4

Maximized productivity for a new level of performance.



For more information,
please visit

durst-group.com/d4

durst

DURST P5 DOUBLE 4

The Durst P5 Double 4 (D4) technology maximizes the productivity of the P5 UV series printing systems through the implementation of a double CMYK color configuration.

This brings the P5 printing system to a new level of performance:

P5 350 HS D4



2 Pass 708 sqm/h

3 Pass 472 sqm/h

4 Pass 354 sqm/h

P5 210 HS D4



2 Pass 568 sqm/h

3 Pass 378 sqm/h

4 Pass 280 sqm/h

CONFIGURATION

The Durst D4 technology can currently be configured for all available P5 350 HS and P5 210 HS versions (Boards, Hybrid, 3/4 automation, full automation) and is also available as a field upgrade.



DURST P5
DOUBLE 4

DURST UV-LED INKS

Greenguard Gold certified



ATURION LED INK

Multipurpose ink with balanced stackability and flexibility, a wide adhesion range combined with larger color gamut make this ink suitable for many applications.

P5 210/HS
P5 350/HS
P5 Automat

Colors



ROLL LED INK

This versatile ink is particularly suitable for flexible media applications requiring a wide adhesion range and very good flexibility.

P5 210/HS
P5 350/HS
P5 500

Colors



POP FLEXIBLE LED INK

High volume production ink, ideally suited for paper surfaces and tack sensitive applications even at highest print speed conditions.

P5 210/HS/D4
P5 350/HS/D4
P5 Automat

Colors



RIGID LED INK

Designed for specific flatbed applications providing wide color gamut, good surface resistance, low tack, and excellent adhesion.

P5 210/HS
P5 350/HS
P5 Automat

Colors



FLT LED INK

This highly flexible ink is particularly suitable for materials that demand highest flexibility, such as lightbox textiles, transparent films, banner and day & night applications.

P5 500

Colors



For more information,
please visit

durst-group.com/led

durst

INK SELECTION GUIDE*

Application/Substrate/Feature	Roll LED	FLT LED	Aturion LED	POP Flexible LED	Rigid LED
Blockout PVC	■	□	□	□	◇
Lightbox textile (e.g. Pearl, Samba)	□	■	◇	◇	◇
Frontlit PVC banner	■	■	□	□	◇
Backlit PVC banner	■	■	◇	□	◇
Mesh	□	■	◇	◇	◇
Truck curtain	◇	□	◇	◇	◇
Monomeric self adhesive foil	■	■	□	□	□
Car wrapping (cast self adhesive)	◇	□	◇	◇	◇
Clear PET (e.g. PMX729)	■	□	■	■	◇
Frame textile (e.g. Canvas)	■	□	■	■	□
Plastic hard foam (e.g. Forex)	■	◇	■	■	□
Soft foam board (e.g. Kapa)	□	◇	■	■	■
Folding carton	□	◇	□	■	◇
Corrugated boards	□	◇	■	■	■
Whiteback paper	◇	◇	■	■	■
Synthetic paper (e.g. Yupo)	□	◇	■	□	□
Coated satin paper (e.g. Gardamatt)	□	◇	□	■	■
Polystyrene / HIPS	■	-	■	□	□
Coated metal (e.g. Dibond, Dilite)	■	-	■	□	■
Hard rigid PVC	■	-	■	□	□
Magnetic PVC coated	■	□	■	□	□
PETG	■	-	■	◇	■
Acrylic/Plexi PMMA	□	◇	■	◇	■
Polycarbonate PC	□	-	■	◇	■
Polypropylene PP (corona treated)	■	-	■	□	■
Flexible Color-White-Color	■	■	□	□	◇
Rigid Color-White-Color	□	-	■	■	■
Wallpaper	■	◇	□	■	-
Hapt print application	■	-	■	■	-

- recommended
- substrate or application specific, limitations possible, customer tests recommended
- ◇ not recommended
- not tested

* Recommendations are based on Durst internal ink tests and do not constitute a guarantee and are subject to change. Requirements may vary according to specific customers needs. Please contact your local Durst sales team for further information.

P5TM

PRODUCTION EXCELLENCE



VOC
FREE

HEAVY METAL
FREE

REACH
COMPLIANT



P5 AUTOMAT powered by Elitron

The versatile high productive feeding and stacking system for full and 3/4 automated printing processes.



For more information,
please visit

durst-group.com/p5automat

durst

P5 AUTOMAT powered by Elitron

The feeding and stacking system for versatile, safe automated production.

Safety light barriers

- > System stops by accidental overstepping

Dual track operation

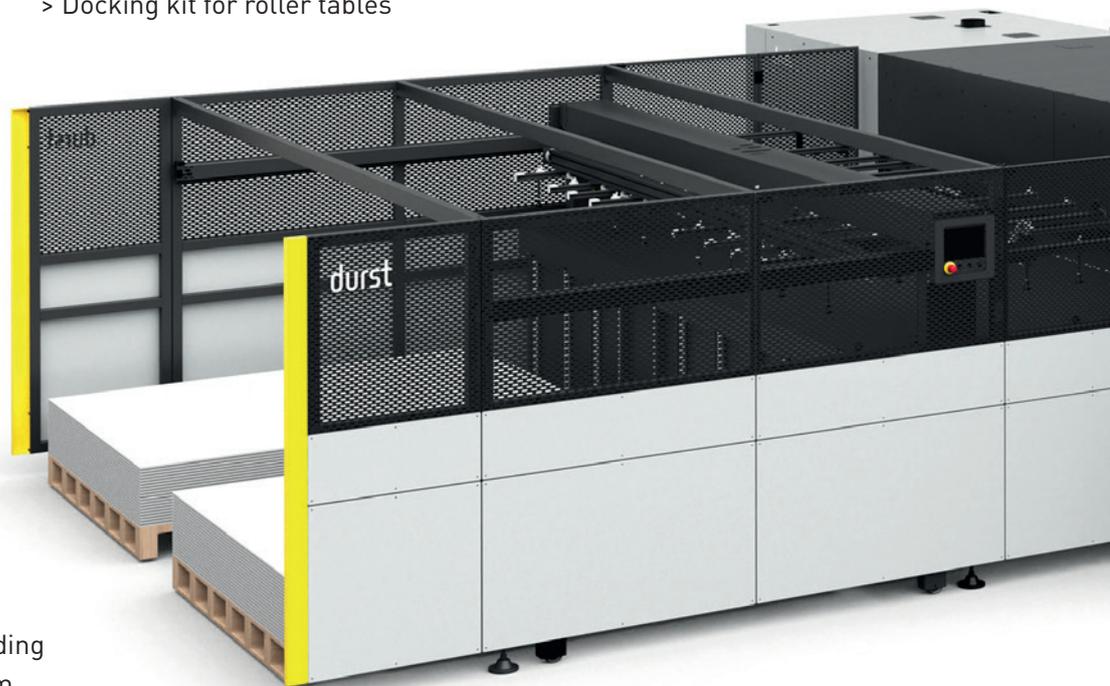
- > Dual track loading/unloading
- > Stack capacity up to 90 cm. (35.4 in)
- > Suitable for different board sizes

Extra large boards

- > Manual operation for extra large boards
- > Docking kit for roller tables

Safety metal coverage

- > Safety regulatory fulfilment
- > Avoids accidental collisions
- > Perforated carters for workspace visibility



Boards registration

- > High accuracy side and front media registration
- > Selectable registration mode priority
- > Media positioning by pick-up suction system

Servicing side doors

- > Safe operation
- > Quick opening
- > Enable easy access for servicing

Media detection sensors

- > Optical sensors for detection of any type of media
- > Double sided printing registration

Adjustable suction sectors

- > Media channel presets for suction cups activation
- > Boards size versatility
- > Suitable for thin media
- > Turbo vacuum for heavy media



Sliding registration tables

- > Enable the use of roll-to-roll without moving the entire system
- > Fast material change
- > Easy sliding operated by one person
- > Quick lock and unlock system

Media pressure rollers

- > Input pressure rollers for media loading stability with auto height adjustment by media channel
- > Output pressure rollers to avoid media sliding on stacking side

Advanced software control

- > Touch screen panel
- > User friendly software
- > Automatic media channel settings thanks to ID communication from printer to Automat

VIRTUAL SHOWROOM

More details, live demo, print samples.
showroom.durst-group.com/p5automat



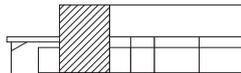
P5 AUTOMAT MODELS

- > Loading capacity up to 900 mm (35.4 in)
- > Tracks up to 2

	Max. boards length	Max. boards width
P5 AUTOMAT 350/HS 2100	2150 mm (84.6 in)	3500 mm (137.8 in)
P5 AUTOMAT 210/HS 2100	2150 mm (84.6 in)	2100 mm (82.7 in)
P5 AUTOMAT 210/HS 3200	3200 mm (126 in)	2100 mm (82.7 in)
P5 AUTOMAT 250 WT 2100	2150 mm (84.6 in)	2500 mm (98.4 in)
P5 AUTOMAT 250 WT 3200	3200 mm (126 in)	2500 mm (98.4 in)

P5 AUTOMAT CONFIGURATIONS

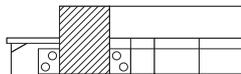
¾ AUTOMATION BOARDS



- > Roller table for manual feeding
- > Automat Stacker
- > Continuous boards feeding

> 2 Tracks

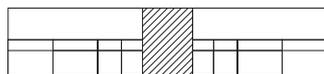
¾ AUTOMATION HYBRID



- > Roller table for manual feeding
- > Automat stacker
- > Continuous board feeding

> 2 Tracks
> Roll tool

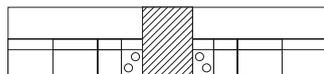
FULL AUTOMATION BOARDS



- > Automat feeder
- > Automat stacker
- > Continuous board feeding

> 2 Tracks

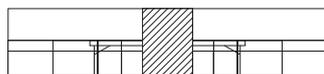
FULL AUTOMATION HYBRID



- > Automat feeder
- > Automat stacker
- > Continuous board feeding

> 2 Tracks
> Roll tool

FULL AUTOMATION EXTRA SIZE MANUAL BOARDS



- > Automat feeder
- > Automat stacker
- > Continuous board feeding

> 2 Tracks
> Roller tables with docking kit

FULL AUTOMATION EXTRA SIZE MANUAL HYBRID



- > Automat feeder
- > Automat stacker
- > Continuous board feeding

> 2 Tracks
> Roll tool
> Roller tables with docking kit

L S

W A

DURST SOFTWARE & SOLUTIONS



For more information,
please visit

durst-group.com/software

durst

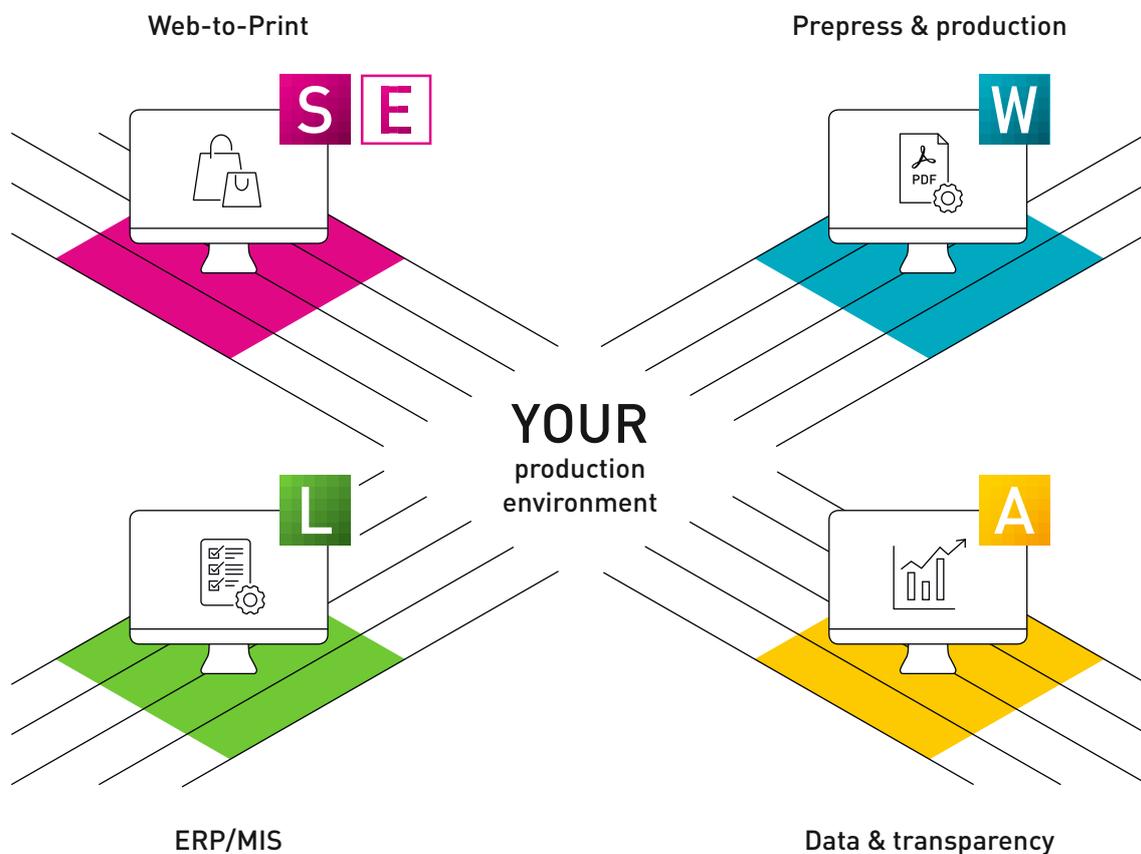
DURST SOFTWARE & SOLUTIONS

A revolutionary software eco-system that covers all relevant aspects of your printing business – open and modular.

Durst Software & Solutions offers smart and simple software solutions to streamline the process “From Pixel to Output”. The solutions which are specifically tailored to digital printing – from initial file creation through prepress to production and final analysis – help improve your printing production processes and simplify your business. Consulting and training services tailored to your specific needs will help you to achieve optimized work processes.

The Durst software is modular and can be flexibly adapted to your needs – from a simple stand-alone solution to a fully integrated system.

All products are individually expandable and can be used for large format, label, corrugated, and textile printing.



PRODUCT OVERVIEW

ERP/MIS Durst Lift ERP



Durst Lift ERP is a print specific cloud-based ERP system that automates all processes within your printing company and provides a transparent, paperless and interactive experience for you and your customers. A configurable

software suite to keep your print shop running lean and efficient. Streamline your business from quote to delivery with Lift ERP.

WEB-TO-PRINT Durst Smart Shop & Editor



Durst Smart Shop is an innovative web-to-print solution designed for the printing industry. From the online sale of products with print specific attributes to the print-ready PDF file: a global solution to address target specific groups, get new customers and offer them unlimited personalization options with the online editor, Durst Smart Editor.

Durst Smart Editor is a cloud-based application that allows personalized print products to be designed directly in the web-browser. It is easy to integrate into your existing web shop via API. Allow your customers to get exactly what they want with real-time product customization and realistic previews and receive their orders as a print-ready files.

PREPRESS & PRODUCTION Durst Workflow



A browser-based software solution that combines pre-press and production automation tasks. File checking, data preparation, color management, ink and media saving and much more. Durst Workflow is the ideal toolbox to ensure an efficient production flow with optimal

results in the shortest time. Generate print predictable files, manage your process according to your production requirements and get real time feedback on the current status with Durst Workflow.

DATA & TRANSPARENCY Durst Analytics



The analytics software designed for your Durst printer to allow data-driven decisions. Customized dashboards with key performance information, production timelines, detailed job information as well as KPI reports.

Spare part conditions are also effortlessly checked to allow preventive maintenance operations. Increase your productivity and keep your equipment under control with Durst Analytics.

DURST SMART FACTORY

A smooth path to peak performance with Durst's software and solutions.

The Smart Factory approach from Durst is about providing a holistic product portfolio with accompanying services,

designed for 360° business solutions, offering not just the printing systems themselves but e-commerce, PDF workflow, ERP, analytics, consulting, integration services, and training. This scalable approach enables your business ideas and innovations.

CUSTOMER EXPERIENCE

Engage your customers with digital touchpoints along the entire sales and fulfillment process. As you implement services such as online shops, dedicated customer portals, order tracking, instant notifications on mobile devices, and automated approval processes, your customers will thank you with many (re)orders.

PROCESS AUTOMATION

Complete automation of repetitive tasks gives you more time for the creative work. Paperless production and embedded quality assurance will increase your internal efficiency, while faster turnaround times and transparent order status information will excite your clients.

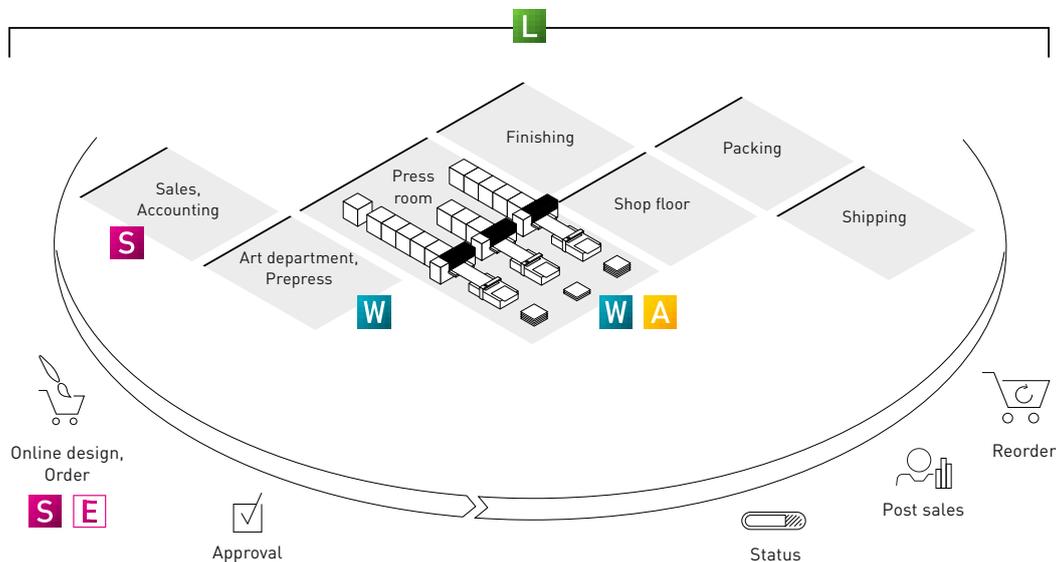
PRODUCTION LINE AUTOMATION

A digital workflow increases productivity, reduces error rates and any necessary reprints through defined file preparation and balanced color calibration between all printers.

DATA GENERATION

Digital processes provide data and the corresponding history. This is the basis for any kind of improvement, whether in sales, process efficiency and speed, quality, or maintenance; they all result in lower operating costs and higher revenues.

Take the next step towards the Smart Factory with Durst Software & Solutions!



More details about the
Smart Factory concept
durst-group.com/smartfactory

FROM PIXEL TO OUTPUT

durst



For more information,
please visit

durst-group.com

durst

DURST GROUP

We are a manufacturer of advanced digital printing and production technologies with headquarters in Brixen, South Tyrol, Italy. Our core business is digital inkjet printing and the associated ecosystem of printing inks, software and services. We offer holistic solutions in the following business areas:

GRAPHIC BUSINESS

Large Format Printing
Textile
Decoration

SPECIAL SOLUTIONS

Ceramics
Digital Glaze
Industrial 3D

LABEL & FLEXIBLE PACKAGING

Label Digital
Label Hybrid
Specialty Packaging

NEW BUSINESSES

Software & Solutions
Corrugated &
Folding Carton

OUR CORE VALUES



To earn loyalty and respect from our customers and employees by providing high-tech systems and solutions in the highest quality and by being true to ourselves:

›A little big company with firm roots in Tyrol‹.

Christoph Gamper
CEO & Co-Owner, Durst Group AG



DURST TRAININGS



For more information,
please visit

durst-group.com/trainings



DURST TRAININGS

In our training center, customers have the opportunity to take part in one of our target-group-oriented training courses. Alternatively, tailor-made training concepts can also be offered.



OPERATOR

- > Qualified operator
- > Printing process control

..... Training for machine operators to learn the general handling and maintenance of the printing system.



PRINT WORKFLOW PREPRESS

- > Printing performance
- > Effective workflow

..... Training for Durst Workflow from prepress to final printing: theory and implementation of printer linearization, media profiling, determination of ink limits and color-management-specific settings.



MAINTENANCE OPERATOR

- > Operator training
- > Preventive maintenance
- > Guided troubleshooting

..... **Level 1:** Training for maintenance operators to deepen their knowledge of the regular and preventive maintenance of machines for a flawless production as well as remotely guided first-aid troubleshooting.



MAINTENANCE ENGINEER

- > Basic printer operations
- > Preventive maintenance
- > Guided troubleshooting
- > Proper repair

..... **Level 2:** Training for maintenance technicians to deepen their knowledge of the regular and preventive maintenance of machines as well as troubleshooting to acquire advanced technical knowledge.
