

# P5<sup>TM</sup> TEX iSUB

The game changer for soft signage & fabrics

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For more information,  
please visit

[durst-group.com/isub](https://durst-group.com/isub)



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# P5 TEX iSUB

The new dye-sublimation printer with an integrated inline fixation (iSUB) for a 1-step direct to fabrics printing process.

## Direct & transfer printing

- > Integrated ink tray for direct printing
- > Vacuum print plane for paper printing
- > Capping station and intelligent purging algorithm

## Multisroll & 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)



## iSUB inline fixation technology

- > Compact dryer with inline fixation
- > Combined IR and heated plates technology
- > One-step inline fixation process for direct printing
- > High precision sensors for temperature control
- > Uniform heating along the whole width

## High precision media transport

- > Advanced technology motor drive synchronization
- > Electronically controlled media tension
- > Unattended printing
- > Up to 337 cm (132 in) printing width



## Smart exhaust system (SES)

- > Efficient exhaust system integrated into the dryer
- > Avoids ink mist and color set-off
- > Exhausts evaporation while printing

## Stitching unit

- > Easy to use for sewing medias
- > Media savings
- > Time savings



## Durst Sublifix ink

- > Specifically developed for inline fixation
- > Fast drying
- > For direct & transfer paper printing
- > Wide color gamut and consistency
- > No bleeding in combination with iSUB contactless fixation
- > Oeko-Tex Standard 100 compliant (end product testing required for Oeko-Tex certification)

## Media tilt

- > Automatic media tilting stop printing
- > Prevents media shrinking
- > Reduced media waste

## Safe ink refill

- > Prevents wrong ink filling
- > Ink batch scanning
- > Ink expiration date warning
- > Mechanical lock and light alert

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# CONFIGURATIONS & TECHNICAL DATA

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## P5 TEX iSUB

Sublimation printer with a unique IR inline fixation for direct printing. The drying system combined with IR and heated plates is also suitable for transfer paper printing.



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## P5 TEX

Sublimation printer for direct and transfer paper printing without inline fixation. The drying system combined with IR and heated plates assure a perfect drying for a traditional fixing process with an external heat press.



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## GENERAL TECHNICAL DATA

Productivity	up to 172 sqm/h (1,850 sqft/h) direct printing inline fixation up to 380 sqm/h (4,120 sqft/h) for transfer paper printing
Resolution	400 x 600 dpi grayscale; 800 x 600 binary
Drop size	7-14-21 pl grayscale; 7 pl binary
Color Channels	up to 8
Max. printing width	(Single roll) 3370 mm (132.6 in) (Dual roll) 1625 mm (64 in)
Max. roll weight (Lower and upper each)	160 kg (353 lbs)
Max. roll diameter	350 mm (13.7 in)



### VIRTUAL SHOWROOM

More details, live demo, print samples.  
[showroom.durst-group.com/isub](http://showroom.durst-group.com/isub)