

# Vector TX 52 CTP-System

**BRAKENSIEK®**  
SYSTEMHAUS



Vector TX 52 CTP system

**The new CTP generation in the 52nd format:****thermal, freely of chemistry, freely of process, certainly about daylight, compactly, ecologically friendly**

Presstek's Vector TX52 CTP system and thermal records free of chemistry were developed as an integrated system.

He guarantees higher productiveness, a clean company and lower costs – simply the cleverer way to the pressure. The user-friendly Vector 52TX-Plattenbelichter is aimed on the Durchsatzsteigerung in the record production and the general productiveness in the pressure hall. The system bases SureFire illustration on Presstek's and offers the reliability, versatility, speed and quality, the printers - in particular middle and small companies - from her CTP investment expect. The productiveness is raised by the automation of key steps and the avoidance of time consuming pressure preliminary stage procedures and this means more print orders in shorter time.

**Ecologically friendly**

Presstek is involved in ecologically friendly offset printing procedures. The Vector 52XT is a result of this engagement. Under use of an ablative thermal process free of chemistry the Freedom pressure plate sure about daylight is exposed directly and no branding, no gumming and no chemical development require.

**Use sure about daylight**

The illustration of records under normal light terms avoids costs, additional space and special precautions which are necessary for darkrooms with security light.

**Record production free of chemistry**

CTP of Presstek is free of chemistry. With Presstek's pressure plates not only the development of chemicals, but also gumming, branding or special cleansing liquids is cancelled. After the illustration the Freedom pressure plates within the system are washed with water and the pressure can begin.

**Consistency and precision**

All variables and variations are avoided by the direct way from the digital file to the illustrated record in conventional procedures. A workflow with dimension CTP brings a higher degree of the consistency and avoids divergences in the image quality which walk along with changed emulsions, developer state, chemical illustration, exposure problems and surroundings changes.

**Low operating expenses**

Presstek CTP lowers the costs with small ones as well as with high editions. The savings with regard to time, material and staff lower the overhead costs in the record production.

**Small set surface**

The Vector 52TX has a small set surface (desk size) and needs only low space in the pressure hall. The Presstek Freedom records are automatically cleaned in the system by an easy remove by washing with water.

**High-class productiveness**

The dimension-product row brings additional capacity for your company and provides thus for a better extent of utilisation of your pressure machines. The work routine free of chemistry, the quick illustration and the issue in high resolution improves the pressure hall productiveness, because she automates key steps and avoids many time consuming pressure preliminary stage procedures. All this leads to the fact that more print orders can be done in shorter time. With a resolution of 2,400 dpi a record illustrates of the Vector 52TX at approx. 3 minutes.

**Shorter approach and Rüstzeiten**

Thermal records of Presstek offer in comparison to conventional offset's records and other CTP records shorter approach and Rüstzeiten, an excellent colour balance and water balance and less chemical consumption on the pressure machine.

**Compatibility**

Presstek-thermal records are compatible with most standard printing inks and humid means additions

## Technical data

Media: Freedom-thermo records

Laser technology: Presstek SureFire-laser product of the class 1

Record strength: 0.15 and 0.20 mm

Media investor: Single record, semiautomatic investor

Record lengths: eligible in the area 365 to 505 mm

Record widths: 330 to 340 mm 510 to 525 mm

Maximum picture area: 530 x 487 mm

Record cleaning: automatic, integrated cleaning with

Water by brush rollers

Company surroundings:

Certainly about daylight, 15.5 ° - 26.6 ° C),

30% - 70% of relative air humidity (non-condensing)

Pressure hall, pressure preliminary stage or general office surroundings

Tension: 200 to 240 V

Frequency: 50 to 60 hertz

Stream: 20 A einphasig

Weight: 454 kg

Dimensions L x B x H: 147 cm x 74 cm x 132 cm

Passersystem: double internal passport pencil system

Record cleaning: automatic, integrated cleaning with

Water by brush rollers

Resolution / grid width: 2,400 dpi / to the 200th line grid

Speed: up to 20 records per hour

Specifications: Freedom pressure plates

Pressure plates type: Presstek Freedom thermal records, freely of chemistry

Carrier material: Aluminium

Resolution: 3% to 97% with 200 lpi

Edition stability: until to 25,000 printings

Photosensitivity: 100% certainly about daylight, no protective light inevitably

Record strengths: 0.15 mm and 0.20 mm

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