

High Productivity Chemistry-free CTP

VECTOR
T·X·5·2



Presstek Vector TX52 Features

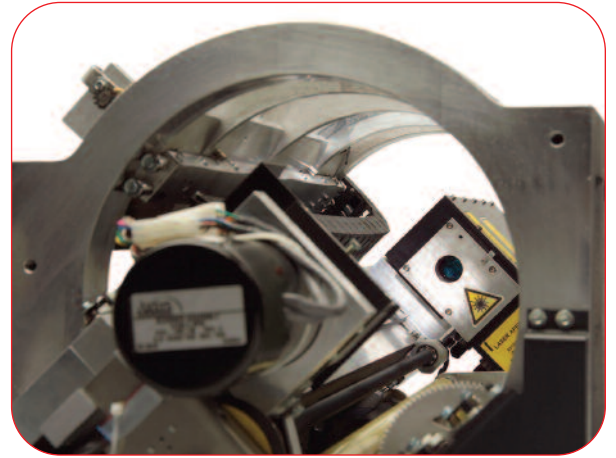
- Thermal technology
- Images Presstek's Freedom aluminum base plates
- Daylight-safe
- No chemistry required
- Metal CTP plates that are priced competitively with polyester
- Streamlines plate production
- Compact design
- 2400 Resolution
- Plate sizes up to 20" x 21" (525 x 505 mm)
- Semi-automatic plate loading
- Compatible with Momentum RIP and workflow
- Exceptional on-press set-up, performance and reliability
- Integrated plate rinse with water

SUREFIRE

IMAGING

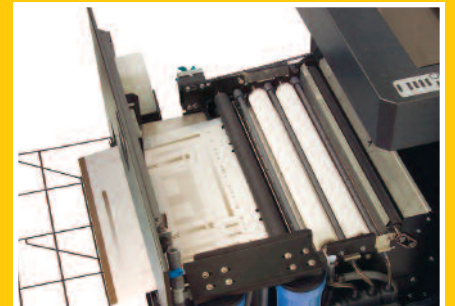
The Presstek Vector TX52 thermal platesetter and Freedom chemistry-free plates provide the short-run, small format (52cm and under)

printer with a unique metal platemaking solution for higher productivity, cleaner operation and lower materials and production costs. The system is designed for maximum ease of use to streamline your entire platemaking operation while delivering the speed, quality and performance you need to meet customer demands. Its compact size and ability to operate in normal conditions allow this CTP unit to fit into virtually any environment. Handling and imaging plates under normal daylight conditions eliminates the costs and special provisions required for safe-light and darkroom processing.



The Vector TX52 uses breakthrough technology to achieve high output of up to 20 plates per hour at low production costs. Using Presstek's patented ThinDrum and SureFire technology, the Vector TX52 offers superior quality and the consistency.

The Vector TX52 also features a small footprint, with the plate washer built directly into the device rather than requiring two separate units. The Freedom plate is inserted at the front, imaged and water-rinsed inside the unit before being discharged as a finished, press-ready plate. The Freedom thermal metal plate is designed for run lengths up to 25,000 impressions, and is priced competitively with polyester plates.



The integrated plate washer delivers clean, press ready chemistry-free plates without the need for a standalone processor.

Look at the advantages of Presstek CTP:

Freedom chemistry-free plates

Freedom chemistry-free thermal plates combine the performance characteristics of metal-based plates with state-of-the-art printing plate technology. After imaging, Freedom plates are automatically cleaned with water in the Vector TX52's integrated plate washer. Freedom plates require no baking, special cleaning fluids, or gumming, resulting in less waste material and a more environmentally friendly print shop.

Freedom plates – the lowest priced chemistry-free thermal CTP plates on the market – are ideally suited for short-run printing with run lengths up to 25,000.



Consistent, repeatable thermal imaging

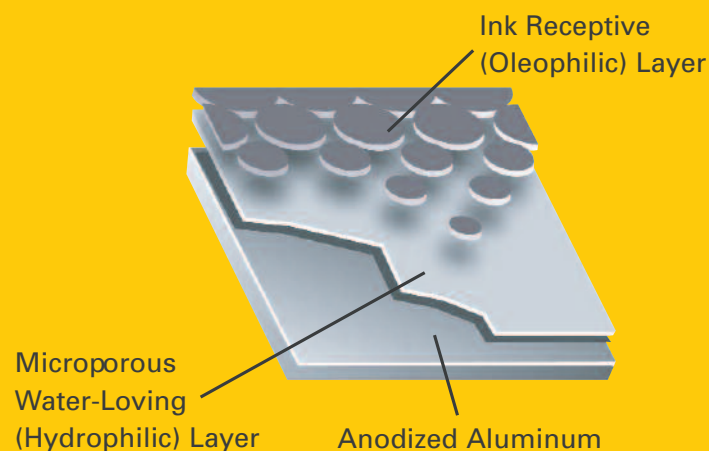
Thermal imaging technology brings new freedom to CTP workflow, delivering sharp, well-defined, highly repeatable images. Plates are free from the inconsistencies inherent in conventional chemistry-based platemaking systems.

Exceptional on-press performance

In addition to enhancing productivity in the prepress department, Vector TX52 CTP also improves productivity in the pressroom. Freedom plates perform extremely well on press, delivering many of the familiar performance characteristics and stability of conventional aluminum plates. A unique surface structure on the plate results in exceptionally fast makeready, greater ink/water latitude and excellent durability. In addition, Freedom plates accommodate a wide range of industry standard inks and fountain solutions with the added benefit of less pressroom chemistry consumption, as compared to conventional offset plates.

Total compatibility

The Vector TX52 is compatible with Presstek's Momentum Workflow. The Momentum Workflow is a system of hardware devices and software modules engineered to seamlessly manage a job from prepress to press. It's an integrated, flexible solution that can be customized to fit your particular production environment. This means that users of Digital PlateMaster systems already using a Momentum Workflow can easily upgrade to a new chemistry-free Vector TX52 CTP system with virtually no disruption to established operating procedures.



Chemistry-free Freedom plates combine the performance characteristics of traditional anodized aluminum thermal CTP printing plates with the state of the art in printing plate technology: Freedom requires no processing chemistry and is simply rinsed with water using Vector's built-in washing unit.

Vector TX52 Specifications

Imaging Technology	ThinDrum
Laser Technology	Presstek SureFire – Class 1 laser product
Media	Freedom thermal plates
Media Supply	Single sheet, semi-automated feed
Plate Lengths	Selectable over the range 14.375" to 19.875" (365 to 505 mm)
Plate Widths	13" to 13.375" (330 to 340 mm) 20.063" to 20.87" (510 to 525 mm)
Maximum Image Area	20.87" W x 19.165" L (530 x 487 mm)
Plate Thickness	.006" and .008" (.15 and .20 mm)
Resolution / Screening	2400 dpi / Up to 200 line screen
Speed	Up to 20 plates an hour
Plate Washer	Integrated water wash with scrub rollers
Register System	Dual internal register pin system
Operating Environment	Daylight-safe, 60 - 80°F (15.5 - 26.6°C) 30 - 70% relative humidity (non-condensing); prepress or pressroom area
Electrical Requirements	200 to 240 VAC, 50/60 Hz, 20 amp, single phase; NEMA L6-20R receptacle
Weight	1,000 lbs (454 kgs)
Dimensions (LxWxH)	58" x 29" x 52" (147 x 74 x 132 cm)

Freedom Plate Specifications

Plate Type	Chemistry-free, thermal positive writing
Plate Substrate	Aluminum
Printing Mechanism	Wet offset
Resolution	3%-97% @ 200 LPI
Length of Run	Up to 25,000 impressions
Light Sensitivity	100% daylight safe – no safelight required
Plate Thickness	.006" and .008" (.15mm and .20mm)
Plate Size	Standard 2-page formats, 52 cm and below
Processing	Simple rinsing with only water; no baking or gumming required

Supplies

6 Mil Freedom Thermal Plates

VTX80604	13 x 19-11/64	(330 x 487 mm)	100/Box
VTX80605	13 x 19-3/8	(330 x 492 mm)	100/Box
VTX80607	13-3/16 x 19-3/32	(335 x 485 mm)	100/Box
VTX80608	13-3/8 x 19-7/8	(340 x 505 mm)	100/Box
VTX80628	20-1/2 x 15-1/2	(521 x 394 mm)	100/Box
VTX80630	20-1/16 x 15-3/4	(510 x 400 mm)	100/Box
VTX80631	20 x 15-3/4	(508 x 400 mm)	100/Box
VTX80634	20-15/32 x 15-3/4	(520 x 400 mm)	100/Box
VTX80636	20-7/8 x 15-3/4	(530 x 400 mm)	100/Box
VTX80638	20-5/8 x 18-1/16	(524 x 459 mm)	100/Box
VTX80643	20-9/32 x 16-1/8	(515 x 410 mm)	100/Box

8 Mil Freedom Thermal Plates

VTX80810	13 x 19-11/64	(330 x 487 mm)	100/Box
VTX80805	13 x 19-3/8	(330 x 492 mm)	100/Box
VTX80807	13-3/16 x 19-3/32	(335 x 485 mm)	100/Box
VTX80808	13-3/8 x 19-7/8	(340 x 505 mm)	100/Box
VTX80828	20-1/2 x 15-1/2	(521 x 394 mm)	100/Box
VTX80830	20-1/16 x 15-3/4	(510 x 400 mm)	100/Box
VTX80831	20 x 15-3/4	(508 x 400 mm)	100/Box
VTX80834	20-15/32 x 15-3/4	(520 x 400 mm)	100/Box
VTX80836	20-7/8 x 15-3/4	(530 x 400 mm)	100/Box
VTX80838	20-5/8 x 18-1/16	(524 x 459 mm)	100/Box
VTX80843	20-9/32 x 16-1/8	(515 x 410 mm)	100/Box

Plate Punch

PTEK-2330-AB	220/425 mm Combo Plate Punch	Each
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Filters

VECFILTER-6C	Washer Unit Filter Kit (contains 6)	6/Kit
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Additional Items / Shop On-Line

Contact your ABDick sales rep for information on RIP, workflow (preflighting, trapping, imposition, etc.) and proofing options. Visit us on-line at shop.abdick.com 24/7 for additional supplies and pressroom necessities. Browse our conveniently organized catalog and place orders. At shop.abdick.com you can access customer-specific pricing, view current product promotions, build a custom "my supply list", track order status and shipments and much more!

Specifications are subject to change without notice.