



# TROY M506 Secure DXi Printer

HP Authorized • TROY Enhanced



The TROY M506 Secure DXi Printer is a sophisticated desktop unit for organizations who require print volumes between 2000 and 7500 pages per month. This unit provides print speeds up to 45 pages per minute and a maximum input capacity of 2300 sheets. Secure DXi printers are designed to manage risk when printing high value documents on network printers or on printers in an open office environment. These machines are available with TROY's patented Security Toner or TROY's Standard UV Toner and include a great variety of security features.

## Features

## Benefits

### Versatile Supply Options

Use TROY's Security Toner or Standard UV Toner for an added layer of security. TROY's M506 Secure DXi Printer is also fully compatible with standard HP toner cartridges.

### Reliable Printing

Enjoy HP award-winning reliability combined with printer optimized security from TROY, the only company in the world authorized by HP to enhance HP printers and consumables.

### Most Secure Printing Solution

Take advantage of TROY's embedded firmware which provides industry leading print on demand security features including TROY ExPT™, Disable Jam Recovery, and more.

### Patented Security Toner

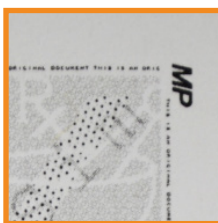
Print your documents as you normally would with TROY Security Toner, but be alerted by a bright red stain permeating through the document when chemical alteration is attempted.

### Layered Security

Utilize TROY's Standard UV Toner to print your documents with text appearing as standard black, but fluorescing under an ultraviolet (UV) verification light.

### TROY Variable MicroPrint

Enables level two fraud detection by generating a group of very small characters that appear as a fine line to the unaided eye, but are readable when viewed at five times magnification or greater. When copied, the characters will appear illegible.



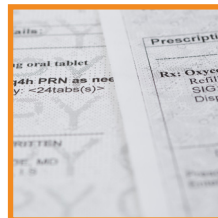
### TROYMark™

Prints a unique watermark of user defined variable document data diagonally across the document to make fraudulent alteration virtually impossible. This data can be anything from the payee and amount on a check to the birth date on a vital record.



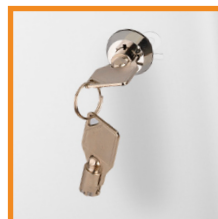
### TROY Copy Evident Pantograph

Provides users with the ability to create a hidden pattern in the background of a document. That hidden feature will appear across a photocopied version of a securely printed document in the form of client specific words such as "COPY" or "VOID".



### Paper Tray Locks & Tray Shielding

Prevent unauthorized access to your valuable paper stock with TROY's secure paper trays and tray shielding. These locking trays and shielding have been designed and custom engineered for the TROY M506 Secure DXi Printer, helping to prevent paper pilferage and theft.



### 3-Position Printer Lock

Allows the printer's secure resources to be physically locked, protecting users from fraud by refusing unauthorized access to resources. The three positions include TROY Secure, Locked, and Standard HP. This feature is important because most businesses locate their workgroup printer in an open office environment, creating a security risk.



**TROY Features**

- TROY Copy Evident Pantograph** - Hidden feature appears across a photocopied version of document
- TROY Customizable MicroPrint Font** - Font appears as a fine line to the unaided eye; visible only under magnification
- TROY Variable MicroPrint** - User defined data that can vary by document; characters print as a fine line around edge
- TROY ExPT™ Exact Positioning Technology** - Realigns margins to allow for accurate placement of data onto printed page
- TROY Toner Sensing** - Detects presence of TROY toner and prevents printing of MICR or other specified features
- Disable Jam Recovery** - Prevents duplicate copies when a jam is created at the printer
- Automatic Density Settings** - Sets the density level to optimize the print quality of the pantograph
- Warning Indicator** - Ensures highest printing quality by stopping the printer until the cartridge is replaced
- Flash Memory** - Allows for the storage of fonts, signatures and logos in the printer
- Barcode Fonts** - U.P.C. Version A & E, EAN 13 & 8, Interleaved 2 of 5, Code 39, Code 128, Postnet, and Security Fonts
- Menu Administrator Password** - Identifies each user with a unique password to prevent unauthorized access
- Uses Either TROY or HP Standard Toner Cartridges** - Printers designed to use TROY or HP OEM toner cartridges
- PIN-Activated Controls** - Allows the printer's secure resources to be electronically locked, requiring a PIN for each print job
- TROY Enhanced Audit** - Collects select data and prints a report, all at the printer
- Datastream Encryption and Decryption** - Protects sensitive data in network environments or remote locations
- Password Protected Signatures & Logos** - Restricts access controls for data sent to the printer
- 3-Position Keylock Printing Control** - Allows the printer's resources to be locked in TROY Secure, Locked, and Standard HP positions
- TROYMark™ Intelligent Anti-Tampering Technology** - A repetitive watermark of user defined data printed across the background
- Paper Tray Locks & Tray Shielding** - Safeguards high value paper stock providing access to authorized personnel only
- PJL Bi-Directional Function** - Allows bi-directional communication from the printer to customer applications

	Part Number	Description	Trays / Pages / Locks	Shipping Dimension & Weight
110 Volt	01-04650-111	TROY M506dn Secure DXi Printer	1 x 550/1 Lock	20x16x18 in. 49 lbs (22 kg)
	01-04650-111UV	TROY M506dn Secure DXi Printer	1 x 550/1 Lock	20x16x18 in. 49 lbs (22 kg)
	01-04650-221	TROY M506dn Secure DXi Printer	2 x 550/2 Locks	20x21x27 in. 69 lbs (32 kg)
	01-04650-221UV	TROY M506dn Secure DXi Printer	2 x 550/2 Locks	20x21x27 in. 69 lbs (32 kg)
220 Volt	01-04650-112	TROY M506dtn Secure DXi Printer	1 x 550/1 Lock	20x16x18 in. 49 lbs (22 kg)
	01-04650-112UV	TROY M506dtn Secure DXi Printer	1 x 550/1 Lock	20x16x18 in. 49 lbs (22 kg)
	01-04650-222	TROY M506dtn Secure DXi Printer	2 x 550/2 Locks	20x21x27 in. 69 lbs (32 kg)
	01-04650-222UV	TROY M506dtn Secure DXi Printer	2 x 550/2 Locks	20x21x27 in. 69 lbs (32 kg)

	Part Number	Description	Yield*	Shipping Dimension & Weight
Cartridges	02-81675-700	TROY M506/M527mfp Security Toner STY Cartridge	9,000	16x7x11 in. 5.0 lbs (2.3 kg)
	02-81676-700	TROY M506/M527mfp Security Toner HY Cartridge	18,000	16x8x13 in. 5.5 lbs (2.5 kg)
	02-81672-001	TROY M506/M527mfp Standard UV Toner STY Cartridge	9,000	16x7x11 in. 5.0 lbs (2.3 kg)
	02-81673-001	TROY M506/M527mfp Standard UV Toner HY Cartridge	18,000	16x8x13 in. 5.5 lbs (2.5 kg)

\*based on 5% letter coverage

	Part Number	Description
Warranty / Service	77-00001-506	TROY M506 Next Day Service Within Warranty Period
	77-00002-506	TROY M506 Same Day Service Within Warranty Period
	77-00003-506	TROY M506 Next Day Service Outside of Warranty Period
	77-00004-506	TROY M506 Same Day Service Outside of Warranty Period
	77-00031-506	TROY M506 3 Year Next Business Day Service Contract
	77-00032-506	TROY M506 3 Year Same Business Day Service Contract
	77-00051-506	TROY M506 5 Year Next Business Day Service Contract
	77-00052-506	TROY M506 5 Year Same Business Day Service Contract

Coverage not available in all areas.

General Specifications	
Print Speed (Letter):	Up to 45 ppm
First Page Out	As fast as 5.9 sec from Ready mode
Paper Trays, Std	2
Paper Trays, Max	5
Input Capacity, Std	650 sheets
Input Capacity, Max	2,300 sheets (with 3 optional 550 sheet input trays)
Output Capacity, Std	250 sheets
Output Capacity, Max	250 sheets
Envelope Input, Std	10
Envelope Feeder	No
Two-Sided Printing	Automatic (standard)
Duty Cycle, Monthly	Up to 150,000 pages
Monthly Volume	2,000 to 7,500 pages

