



A Worldwide Provider of Secure Output Solutions

TROY MICR 9050 Security Printers

TROY MICR 9050 Printer

TROY MICR 9050 Secure Printer

TROY MICR 9050 Secure Ex Printer

Major Selling Points

- **Three Model Choices**— providing security options to fit your need.
- **Production Workgroup Printing**— secure your check printing workflow with a mid-level recognized for over 3 years as the best printer in it's class.
- **Low Cost of Ownership**— HP award-winning reliability combined with superior fraud and theft deterrence from TROY.
- **Improved value**— new firmware design cost effectively secures digital signatures and security fonts.
- **Versatile supply options**— All TROY printers are fully compatible with TROY MICR cartridges and standard HP cartridges.



TROY MICR Secure shown with optional 100 sheet multi-purpose tray and 2,000 sheet input tray.

TROY Exclusive Security Features

3-Position Printer Key Locks and Paper Tray Locks

Most businesses locate their workgroup printer in an open office environment. This creates a security risk. TROY offers MICR locks and paper tray locks to reduce the risk of check stock theft and printer misuse.

Standard on TROY MICR 9050 Secure Ex.
Tray locks optional on other MICR 9050 printers.



Exclusive TROYmark™ Intelligent Anti-tampering Technology

TROYmark™ is a watermark of user-defined variable data, printed diagonally across each check. It provides state-of-the-art deterrence of fraudulent check alteration.

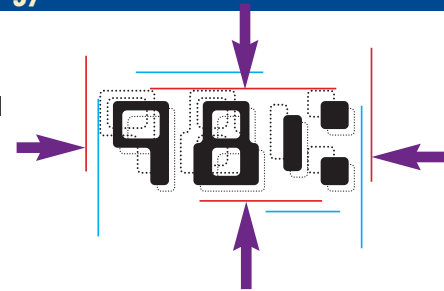
Standard on TROY MICR 9050 Secure Ex.



ExPT™ Exact Positioning Technology

A MICR line out of alignment is one cause of rejected checks, a multi-million dollar problem for banks and companies. ExPT™ allows users to precisely adjust the MICR line without affecting the data file.

Available on all TROY MICR 9050 series printers.



Built-in Secure Encryption and Decryption

Data security is critical in a distributed printing application. TROY's encryption/decryption technology "unlocks" and prints the data only when it is received at the TROY printer.

Available on TROY MICR 9050 Secure and Secure Ex printers.

TROY MICR Toner Cartridge

For maximum reliability and low operating cost, only TROY:

- Formulates MICR toner for each printer according to world-wide banking standards
- Manufactures and fills MICR toner in all new OEM cartridges
- Quality controls MICR toner manufacturing and cartridge filling in an ISO 9001:2000 certified facility
- Provides the **TROY Quality Guarantee**

And TROY MICR toners will NOT void the manufacturer's warranty





MODEL SPECIFICATIONS

TROY MICR 9050 Security Printer Specifications

TROY MICR 9050 Secure Ex Printer

TROY MICR 9050 Secure Printer

TROY MICR 9050 Printer

Print Speed	50 pages per minute
First Page Out	< 8 seconds
Duty Cycle	300,000 prints per month
Input Capacity	(2) 500-sheet built-in paper tray
Input Tray Options	Tray 1: (1) 100-sheet multipurpose tray, Tray 4: one (1) 2,000-sheet tray
Output Options	3,000-sheet stacker, 3,000-sheet stacker/stapler (each requires 2,000 sheet input tray)

TROY Feature

	Highest Security	Enhanced Security	Basic MICR Printing
TROY ExPT™ – Exact Positioning Technology	✓	✓	✓
MICR Toner Sensing	✓	✓	✓
Disable Jam Recovery	✓	✓	✓
Auto Set MICR Density	✓	✓	✓
MICR Toner Low Notification	✓	✓	✓
Flash Memory for Storing Digital Signatures and Logos	✓	✓	✓
Barcode Fonts U.P.C. Version A & E, EAN 13 & 8, Interleaved 2 of 5, Code 39, Code 128, Postnet	✓	✓	✓
MICR Fonts E13-B, CMC-7, OCR A and B, Convenience Fonts, and Security Fonts	✓	✓	✓
User Customizable MicroPrint Font	✓	✓	✓
Datastream Paper Tray Locks and Mapping	✓	✓	✓
Auto Page Rotation	✓	✓	✓
MICR Menu Administrator Password	✓	✓	✓
MICR Quality Test Page	✓	✓	✓
Uses both TROY MICR & HP Standard Toner Cartridges	✓	✓	✓
Three PIN-activated Controls: Printer, MICR, Job	✓	✓	
MICR Line and Check Audit Trail Reporting	✓	✓	
Datastream Encryption and Decryption	✓	✓	
Auto Disable MICR Mode	✓	✓	
Password Protected Signatures and Logos	✓	✓	
3-Position Keylock Printing Control	✓		
TROYmark™ Intelligent Anti-Tampering Technology	✓		
Paper Tray Security Locks	✓	Optional	Optional
Auto-Protect Font	✓		

TROY 9050 Series Summary

Part Number	Printer Model	500 Sheet Trays	Tray Locks	Shipping Dimensions	Shipping Wt.	Warranty
01-00547-201	TROY MICR 9050 Printer	2	No	36 x 31 x 28 in.	174 lbs.	1 yr. next day on site
01-00547-221	TROY MICR 9050 Printer	2	Yes	36 x 31 x 28 in.	174 lbs.	1 yr. next day on site
01-00548-201	TROY MICR 9050 Secure Printer	2	No	36 x 31 x 28 in.	174 lbs.	1 yr. next day on site
01-00548-221	TROY MICR 9050 Secure Printer	2	Yes	36 x 31 x 28 in.	174 lbs.	1 yr. next day on site
01-00549-221	TROY MICR 9050 Secure Ex Printer	2	Yes	36 x 31 x 28 in.	174 lbs.	1 yr. next day on site
02-81081-001	TROY 9000/9050 MICR Toner Secure Cartridge*			24 x 16 x 8 in.	13 lbs.	1 yr. from ship date

* Yield: 35,000 pages based on 5% toner coverage for letter size paper

What's in the Box?

- TROY MICR 9050 printer with TROY MICR Font (installed)
- One (1) TROY MICR 9000/9050 Advanced Formula Toner Cartridge
- Hewlett-Packard Printer Guide
- TROY Quick Start Guide
- TROY Security Printing Solutions software on CD ROM (includes Windows support files and fonts, Windows Printer Drivers, TROY Printer Utility and user documentation)
- Right angle power cord
- TROY MICR Document Template

Contact Information

For more information, please contact Altec: micsales@altec-inc.com

Complete the Solution

- TROY Checkwriting Software and consulting services
- Signatures and logos using TROY Digital Imaging Service
- Printer service and preventive maintenance contracts
- TROY Security Paper
- Ask about TROY IRD Printing Solutions