

ATX 38

Wide Format Kiosk Printer



ATX 38 With
Internal Roll Holder.

FEATURES

- High Resolution 300 DPI Printing
- Select Paper Width (6 1/2" to 8 1/2")
- Full 8" Print Field On 8 1/2" Wide Paper
- Windows Compatible WYSIWYG Controller
- Reverse Channel Status Communication
- Intelligent Power Manager Minimizes Power Supply Requirements
- High-Capacity External Paper Roll Holder (10" Diameter)
- Cutters And Presenters With Jam Protect, Loop Storage, Document Hold And Eject

A Direct Thermal Raster Graphics Printer Designed For Easy Kiosk Integration

The Practical Automation **Model ATX 38** is the perfect choice for wide format, 6 1/2 to 8 1/2 inch printing in unattended kiosk systems. Applications include information dispensing, statements, government forms, educational registration, car rental forms, etc.

The most complete version of **ATX 38** incorporates a cutter and loop presenter with anti-jam protection/detection. The presenter extends only 2.3" yet allows long forms to be stored in a loop below the print mechanism, thereby providing isolation from the end user during the print cycle. Other versions of **ATX 38** feature cutters only or manual forms separation with a tearbar (lowest cost.)

The **ATX 38** employs the latest 300 DPI direct thermal technology and a raster graphics controller with a WYSIWYG driver to produce high resolution printing from a Windows™-capable program.

An intelligent power manager minimizes power supply requirements. The printer system power is provided by the Model PS-55-14 55 W power supply — a small external unit.



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ATX 38

With External Roll Holder
And Loop Presenter



Model PS-55-14
Remote Power
Supply

ATX 38 With External Roll Holder
And Loop Presenter.



ATX 38 Specifications

Printing Method:	Raster, direct thermal. Printed image directly created using a Windows™ capable program. (PA supplied raster printer driver required.)
Printhead:	
Dot Density	300 DPI (11.81 dots/mm)
Dot Size	3.33 x 10 ⁻³ in. (.084 mm)
Abrasive Life	65.6 x 10 ³ ft. (40 Km typical)
Paper Width:	8.5 to 6.5 in.
Standard	8.5 in., +0/-0.040 in. (216 mm, +0/-1 mm)
Other Widths	Factory set
Document Length:	Approximately 3 in. minimum User defined maximum
Print Width:	8 in (203 mm) maximum
Paper Caliper:	0.003 in., +0.0007/-0.0008 in.
Print Speed:	1.50 in./sec. maximum
Paper Feed:	Friction
Detectors:	Paper/registration (optical sensor) Printhead temperature (thermistor) Printhead lever detect (mechanical switch) Paper jam detect (optical sensor) Low Paper (optical sensor)
Indicators:	Power/Paper (LED) Ready (LED) Attention/Error (LED) Sequential tones (buzzer)

User Switches:	Power On/Off Select (F0) Test (F1) Line Feed (F2) Form Feed (F3)
Power:	24 VDC provided by model PS-55-14
AC Power Input	85 to 264 VAC, 47 to 60Hz
AC Input Current	1.5A (RMS) at 115 VAC 0.9A (RMS) at 230 VAC
Wattage:	55W maximum average
Weight:	
Printer Module	9 lbs.
Power Supply	1.65 lbs.
Interface:	
Parallel	IEEE-1284 parallel compatibility mode forward channel; nibble mode reverse channel
Serial	Future USB add-on serial interface
Interface Cable:	Standard IEEE-1248 A-B cable (DB25M/C36M)
System Setup Parameters:	User-friendly switch panel entry of setup data into EEPROM memory
Environment:	
Temperature	Operating +5°C to +40°C Storage -5°C to +65°C
Humidity	20 to 85% relative, non-condensing

Regulatory Compliance (Pending):	
Safety	UL-1950, CAN/CSA C22.2 No. 950, IEC-950 CE
EMI	FCC Class A
System Requirements:	Windows™ compatible PC with Pentium 100 MHz (or faster) CPU (recommended)
Available Drivers: (WYSIWYG)	Windows 95 and NT5.0 (also Windows 3.1, 3.11; NT3.5, 4.0)
Cutter Life:	500 K cuts typical
Printer Status Data:	Includes all printer operational parameters (low paper, out of paper, jam, ticket not taken, etc.) Status returned to host via IEEE-1284 Nibble mode. Required for unattended supervision.
Output Paper Delivery:	
Option 1	<i>Loop presenter</i> — provides complete user isolation of any practical length document. The printed document is held for the user, or ejected if not taken.
Option 2	Cutter with anti-jam protection/detection
Option 3	Tearbar with anti-jam protection/detection
Page Roll Holders:	6.5 to 10 in. dia. external Up to 6 in. dia. internal

Specifications subject to change without notice.



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