

TUP400 SERIES

Open Frame Thermal Kiosk Printers

FEATURES

- Large paper roll capacity — 8" max. outside diameter
- TUP492 patented presenter version prevents paper jams & handles varying document lengths
- Sensors include black mark detector for top of form, paper end & two adjustable paper low detectors

MODELS AVAILABLE

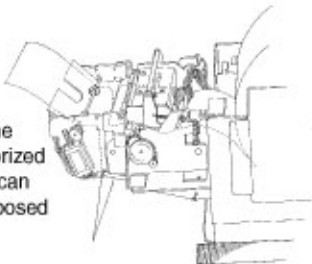
TUP492 – With Presenter
TUP452II



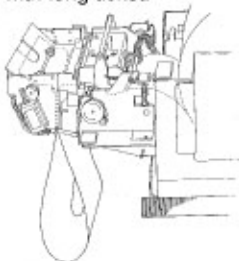
ADDITIONAL BENEFITS

- Bi-Directional Parallel Interface (IEEE1284)**
Provides ability to report full printer status to host, ensuring continuous monitored operation
- High Speed Processor Designed for Windows applications**
Receive and process graphic data quickly
- Fast throughput**
Over 3" per second print speed
- Document Capture (TUP492)**
Ability to retrieve abandoned tickets automatically

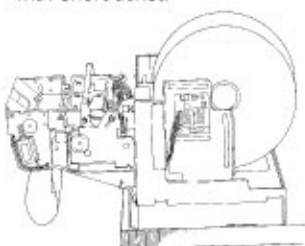
After printing, the document is separated from the paper supply roll and is presented to the customer. Using the motorized presenter, the document can also be retrieved and disposed below the presenter.



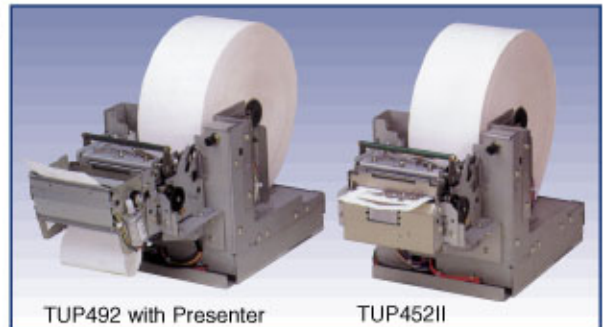
Variable length presenter with long ticket.



Variable length presenter with short ticket.



The successful TUP400 Series high quality thermal printers have been technically designed to provide long term, reliable performance for unattended public operation in kiosks, lottery, gaming terminals, etc.



TUP492 with Presenter

TUP452II

Star's new Raster Graphics Drivers for Windows facilitates ultra high speed instant Windows document printing for Kiosk and Point of Sale. In addition, the reduction feature of our new Raster Driver allows you to replace your expensive laser printer with a smaller more economical thermal printer (no costly/messy toner cartridges). Ideal for work orders, customer invoices, hotel/motel guest receipts, medical/dental bills and service station invoices. Thermal printers eliminate the need for costly toner cartridges.

TUP400 PRINTER SPECIFICATIONS

Print Speed	80mm/sec (25 LPS), 25mm/sec (8 LPS)
Print Width	80mm (3.15")
Line Spacing	3mm, 4mm (default)
Resolution	203 dpi
No. of Columns	Page mode - 80, Line mode - 50
Barcodes	UPC, JAN, EAN, Code 39/93/128, ITF, PDF417 (opt.)
Paper Specifications	
Width	82.5mm (3.25")
Thickness	0.06-0.08mm
Roll Diameter	203mm (8")
Paper Sensors	2 levels of paper low, paper end, black mark sensor
Reliability: Printer	38 million lines MCBF (CRT)
Reliability: Cutter	300,000 cuts
Operating Conditions	
Temp./Humidity	5°C-40°C / 25%-85% RH
Interface	Serial RS232C, Parallel (IEEE1284), RS422A-option
Data Buffer	8K bytes
Emulation	Star line mode, Star page mode
Options	Presenter-Model TUP492
Cash Drawer	1 driver
Autocutter	Full cut
Drivers	Win '95/'98/2000, NT4.0, JavaPOS™, Star Raster Graphics Mode, Linux
Safety Standards	UL, CSA