



TTP 2000 – High quality,  
robust, versatile and reliable;  
attractively priced

- 150 mm/s print speed
- Looping presenter
- Pull detector
- Retract and retain function
- Minimal footprint
- 58 to 82.5mm paper widths in the same machine

professional  
**printer**  
solutions



**SWECOIN**

A Zebra Technologies Company

[www.swecoin.se](http://www.swecoin.se)

## TTP 2010, 2020, and 2030 Kiosk printers

Swecoin introduces a new concept in kiosk printing with the TTP 2000. It is faster, sleeker and offers more standard functionality.

By carefully selecting materials, methods and features we now offer a printer with the best throughput and highest reliability at the most competitive price.

The TTP 2000 is highly integrated so it is smaller than other 58 mm printers yet handles paper up to 82.5 mm. It is easy to set up for different paper widths and configure various print settings to match your specific installation.

The straight paper path with flat printhead angle makes it suitable for thick, ticket-like paper. At the same time it is equally suitable for thin paper in applications where the rolls must last as long as possible.

The ability to feed the precise length of printout to the customer is enabled by a stepper motor drive and optical paper transport supervision. Our patented presenter displays a portion of the printout after it has been cut and can sense when the printout is touched, automatically dispensing it. The retract function is a standard feature and is customizable to allow for disposal of abandoned documents.

Clearly the TTP 2000 is the most profit-enhancing choice for kiosk printing. This printer saves on the overall installation cost by minimizing downtime, it does not require any consumables or scheduled preventative maintenance; just replace paper after receiving a paper-low alert and it continues to run.

### Application examples

- Automated teller machines (ATMs)
- Gas pump terminals
- Gaming / Lottery
- Recycling machines
- Coupon printers
- Parking pay & display

#### GENERAL

Printer control	Windows and Linux drivers. Text print with ESC commands for formatting.
Print method	Direct thermal line printing
Resolution	8 dots/mm (203 dpi)
Print speed	Up to 150 mm/s
Max print width	
- 58 & 60 paper	54 mm = 432 pixels = 61 characters*
- 80 & 82.5 paper	72 mm = 576 pixels = 82 characters*
Interfaces	
- TTP 2010	Serial RS-232
- TTP 2020	Parallel IEEE-1284
- TTP 2030	USB
Presenter	Looping presenter with pull detector, and retract & retain function. Stepper motor control for exact positioning
Cutter	Guillotine cutter. Stepper motor driven.

#### PAPER

Paper supply	Roll, or fanfold paper
Image life	More than 25 years with appropriate paper quality.
Roll diameter	250 mm max
Spindle diameter	25 mm minimum
Paper width	58, 60, 80, and 82.5 mm
Printout length	70 to 600 mm
Paper weight	55 – 110 g/m <sup>2</sup> (0.054 – 0.1 mm)
Paper sensors	Out of paper, paper in presenter, paper in retract path, black mark, and input for external paper-low sensor.

#### GRAPHICS MODE (Windows & Linux)

TTP 2000 can print any font, code-page, bar code, and graphics supported by the operating system

#### TEXT MODE

Orientation	Portrait and Landscape
Standard fonts	ATM9 (Monospaced 14.4 cpi) Up to eight fonts can be loaded
Text attributes	Underline, Bold, Italics, reverse print, multiple width and height
Character set**	Windows Code Page 1252 (Western)
Bar codes	EAN, UPC, Interleaved 2-of-5, ISBN, Code 39, and Code 128
Graphics	Logotypes and b&w BMP-files

#### MISCELLANEOUS

Environment	-10 to +50°C, 10 to 95% RH, non-condensing
Size	105 x 65 x 145 mm (w x h x d)
Weight	1.1 kg
Power requirements	24Vdc ±5% average 2A when printing

#### LIFE EXPECTANCY

Printhead	More than 100 km paper More than 1x10 <sup>8</sup> pulse lines (typically)
Control board	90 000 hours (typically)
Cutter	1 000 000 cuts (typically)

\* No. of characters / line depends on which font is used. \*\* 224-characters of a Truetype-font can be converted to Swecoin format and stored in printer

#### SWEDEN

ADDRESS	Swecoin AB, Box 322 SE-192 30 Sollentuna, SWEDEN
VISITORS	Bergkällavägen 32, Sollentuna
PHONE	+46 8 623 45 60
FAX	+46 8 594 709 89
E-MAIL	sales@swecoin.se tech.support@swecoin.se
WEBSITE	www.swecoin.se

#### USA

ADDRESS	Swecoin US Inc. 30 Plan Way Warwick, RI 02886-1012, USA
PHONE	+1 800-556-7266
FAX	+1 401-739-3435
E-MAIL	swecoinusa@zebra.com swecoinusa@zebra.com
WEBSITE	www.swecoinus.com



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