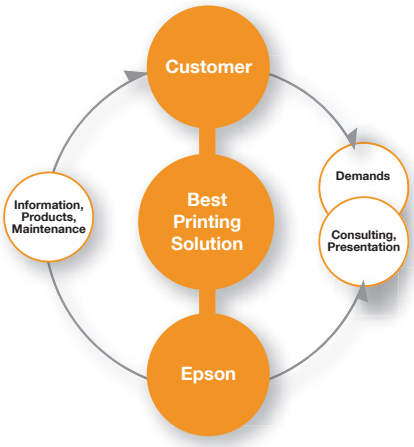
EPSON EU-T AND M MECHANISMS

EPSON KIOSK PRINTER RANGE

EPSON®
EXCEED YOUR VISION

BEST PRINTING SOLUTIONS FOR YOUR NEED

The history of Epson is in a sense a history of creating industry standards. Epson unveiled the world's first mini-printer for calculators all the way back in 1968.



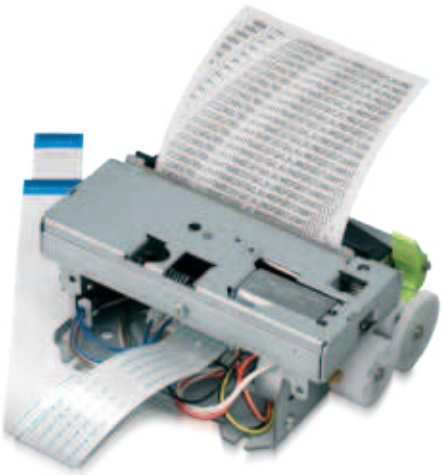
For more than three decades Epson has used its outstanding engineering ability and know-how to turn innovative ideas into creative, useful products. We at Epson have always believed that communicating with customer is critical. We listen to what you have to say, uncover your needs, and develop products and proposals designed to earn true customer satisfaction. Epson has created, and will continue to create, new industry-leading standards. The best printing solutions for your needs.

Today, Epson, the creator of the mini printer, is a truly global company with an extensive lineup of products. Our commitment to innovation and to our customers is backed up by a network of sales and service support offices around the globe. Each site stays in close contact with customers and shares a variety of information and know-how. We offer you the best printing solution by closely monitoring the latest market trends and building high-value-added products that directly address your needs.

Unrivalled quality
All Epson products have one thing in common – outstanding quality. This is the result of the careful attention we pay to customers' particular requirements. Thanks to this superior quality, Epson was the first mini printer manufacturer to acquire accreditation for ISO9001, the strictest of the ISO9000 international quality standards, covering every aspect of quality control from quality assurance systems to services. ISO9001 compliance is just another example of the measures Epson takes to bring you total product satisfaction.

A full range of Epson Mini-Printers to power your ideas
Epson's extensive line of Thermal and Impact (both serial dot and shuttle dot) printers cover a wide range of user needs. Our models range from compact, low-power units on the low end to powerful, heavy-duty units on the high end. For such applications as Hand-held terminals, CAT/EFT, ATM/CD, and Kiosks etc., we fully answer your most advanced needs.

Embedded Unit and Mini Printer Mechanism let you easily create new system architecture for a wide range of applications and technologies.



NEW: Epson TM-T500II

MINI PRINTER MECHANISMS

Epson confidently offers the best printer mechanisms for customers' products. Backed by 30 years of experience in countries all over the world, this lineup meets customers' needs worldwide.

REQUIREMENTS FOR TARGET MARKETS

ATM
- Big paper roll diameter (Max.10")
- Durable and reliable
- Flexibility in placement

CD
- Slim unit
- Durable and reliable
- Big paper roll diameter (Max. 8")

GAS PUMP
- Durable and reliable
- Designed for heavy use (Dust, ESD or Temperature)

ECR/POS
- Compact
- High speed
- Ease of use

LOTTERY MACHINE
- Quick receipt issuance
- Durable and reliable
- Low sensitivity paper can be used

CAT/EFT
- Compact
- Light weight
- Low power consumption

TICKET MACHINE
- Thick paper can be used
- Low sensitivity paper can be used
- Slim unit

TAXI METERS
- Compact
- Durable and reliable
- Designed for heavy use

KIOSK
- PC connectivity
- Quick receipt issuance
- Compact unit

MEASURING INSTRUMENTS
- Durable and reliable
- Designed for heavy use

SELF CHECKOUT
- Quick receipt issuance
- Durable and reliable
- Compact unit

PANEL PRINTERS
- Compact
- Durable and reliable
- Designed for heavy use

EMBEDDED UNITS

Epson Embedded Units offer a whole new dimension in self-service terminal design that feature high printing speeds, high-quality and reliability.

Epson **EU-T300 Series/EU-T300C Series**

- Compact
- Choice of paper sizes
- Autocutter capabilities
- Front access features
- Graphics printing to fit your needs
- Multilingual font set

	Epson EU-T312	Epson EU-T322	Epson EU-T332	Epson EU-T342
Paper Dimensions	57.5 ± 0.5 mm x dia. 152.4 mm max.	59.5 ± 0.5 mm x dia. 152.4 mm max.	79.5 ± 0.5 mm x dia. 152.4 mm max.	82.5 ± 0.5 mm x dia. 152.4 mm max.
Printing Method	Thermal line			
Paper Path	Straight			
Interface	RS-232 / IEEE 1284 Bi-directional parallel / USB			
Print Speed (Max.)	150 mm / sec.			
Paper Thickness	0.06 ~ 0.15 mm			

	Epson EU-T312C	Epson EU-T322C	Epson EU-T332C	Epson EU-T342C
Paper Dimensions	57.5 ± 0.5 mm x dia. 83 mm max.	59.5 ± 0.5 mm x dia. 83 mm max.	79.5 ± 0.5 mm x dia. 83 mm max.	82.5 ± 0.5 mm x dia. 83 mm max.
Printing Method	Thermal line			
Paper Path	Straight			
Interface	USB			
Print Speed (Max.)	150 mm / sec.			
Paper Thickness	0.06 ~ 0.15 mm			

Epson **EU-T400 Series**

- Compact
- High-speed and versatile printing
- Front operation
- Semi-automatic paper loading
- Durable
- Multilingual font set

	Epson EU-T412	Epson EU-T422	Epson EU-T432	Epson EU-T442
Paper Dimensions	57.5 ± 0.5 mm x dia. 203 mm max.	59.5 ± 0.5 mm x dia. 203mm max.	79.5 ± 0.5 mm x dia. 203 mm max.	82.5 ± 0.5 mm x dia. 203 mm max.
Printing Method	Thermal line			
Paper Path	Straight			
Interface	RS-232 / IEEE 1284 Bi-directional parallel / USB			
Print Speed (Max.)	150 mm / sec.			
Paper Thickness	0.06 ~ 0.15 mm			

Epson **M-T500II Series**

NEW

- Super fast printing
- Same size as M-T500 Series for easy replacement/upgrade
- Paper jam sensor

	Epson M-T532II	Epson M-T533II	Epson M-T542II	Epson M-T543II
Paper Dimensions	79.5 ± 0.5 mm		82.5 ± 0.5 mm	
Printing Method	Thermal line			
Paper Path	Straight	Separate	Straight	Separate
Print Speed (Max.)	Up to 250 mm/s			
Paper Thickness	0.06 ~ 0.15 mm			

* The predecessor M-T500 will remain in the line-up.

Epson **BA-T500II Series**

NEW

- Compact
- Commands compatible with BA-T500 Series
- Designed to optimize performance of the M-T500II Series
- Wide guaranteed operating temperature range

	Epson BA-T500IIS	Epson BA-T500IIP	Epson BA-T500IIU	Epson BA-T500IIE
Supported Printer	M-T500II Series			
Printing Character	Text (Europe Symbol available), Bar code, Graphics			
Print Font	ANK, JIS X0208-90, GB18030-80, BIG5, KSC-5601C			
Data Buffer	4 KB			
Interface	RS-232	IEEE 1284	USB 2.0	Ethernet

* The predecessor BA-T500 will remain in the line-up.

Epson **DC-T500 Connector Cable Unit**
Epson **PS-180 Power Supply Unit**

The DC-T500 connector cable unit enables the printer to use the standard power supply unit PS-180. This means there is no need to design a new power supply unit for the EU and BA series by yourself.

- Extremely reliable power supply
- Meets the most advanced energy saving standards
- Saves energy by reducing power loss
- Universal power input – worldwide compatibility with most commercial voltages

	Epson PS-180 Power Supply Unit
Input	100 to 240V AC
Output	24 VDC, 2.0 A
Plug	3P power jack
Safety standards	UL, CSA, TÜV

THERMAL MECHANISMS

Thermal printers feature quiet operation and high throughput. Excellent for high-resolution graphics, our thermal printers render beautifully crisp, clear logo marks and barcodes.

Epson **M-T200 Series**

NEW

- Specifically designed for Electronic Cash Register applications
- Drop-in paper loading
- Ultra thin autocutter (M-T207A only)

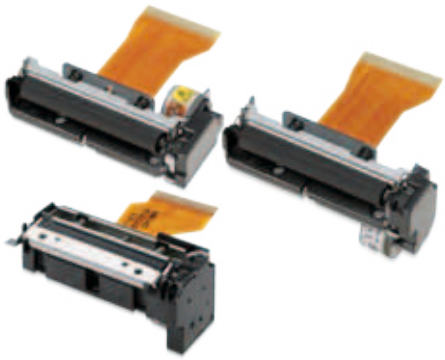
	Epson M-T203	Epson M-T207A	Epson M-T207A (short type)
Paper Width	57.5 ± 0.5 mm		
Resolution	8 dots / mm		
Printing Speed	80 mm / sec. max. (at 24 V)	100 mm / sec. max. (at 24 V)	

Epson **M-T173/M-T183**

NEW

- Ultra compact and light weight
- Drop-in paper loading
- Horizontal Vertical Mechanism (M-T173H/T173H)

	Epson M-T173H	Epson M-T173V	Epson M-T183
Paper Width	57.5 ± 0.5 mm		
Resolution	8 dots / mm		
Printing Speed	90 mm / sec. max. (at 8.5 V)		

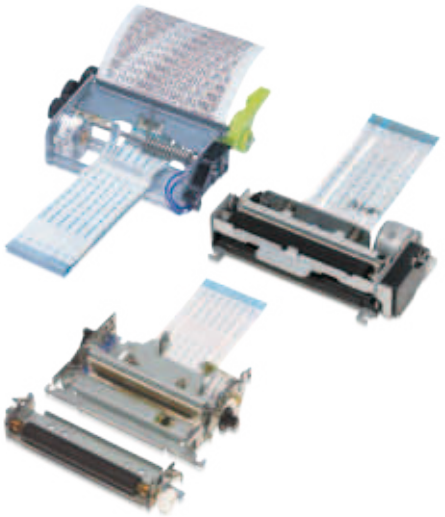


Epson **M-T51II/M-T57/M-T53II/T123**

NEW

- Easy-to-read printing
- Effective use of existing resources
- A wide range of paper paths
- Compact and fast printing

	Epson M-T51	Epson M-T57	Epson M-T53II	Epson M-T123
Paper Width	57.5 ± 0.5 mm			
Resolution	6 dots / mm			8 dots / mm
Printing Speed	52 mm / sec. max. (at 7.5 V)	65 mm / sec. max. (at 7.5 V)	50 mm / sec. max. (at 7.5 V)	
Voltage	5.0 to 8.0 VDC			



IMPACT MECHANISMS

Epson impact printers feature high speed, simultaneous printing of multiple copies and low running costs with easy maintenance.

Epson **M-150II/M-190 Series/M-190G Series**

Epson M-150II
- Ultra-compact
- Perfect for battery powered devices

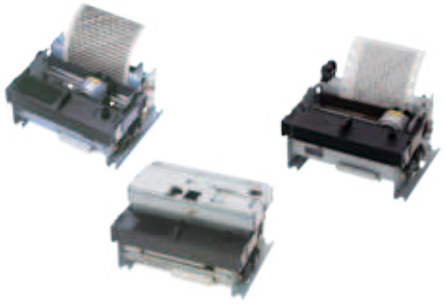
Epson M-190 Series
- Outstanding reliability
- Compact, lightweight

Epson M-190G Series
- Fast, clear printouts
- Improved handling of poor-quality paper

		Epson M-190 Series		Epson M-190G Series	
	Epson M-150II	Epson M-190	Epson M-192	Epson M-190G	Epson M-192G
Paper Dimensions	44.5 ± 0.5 mm (W) x dia. 50 mm max.	57.5 ± 0.5 mm (W) x dia. 83 mm max.			
Printing Method	Shuttle impact dot matrix				
Paper	Roll paper				
Print Speed (Max.)	1.0 line / sec. (at 4.5 VDC)	2.5 lines / sec. (at 4.8 VDC)	1.5 lines / sec. (at 4.8 VDC)	2.7 lines / sec. ± 20%	1.8 lines / sec. ± 20%
Paper Thickness	0.07 mm	0.06 to 0.085 mm			

Epson **M-U110 Series**

- Fast printing
- Reliability
- Installed Black Mark detector
- Supports various paper stocks



	Epson M-U110 II	Epson M-U110A	Epson M-U111SII
Paper Dimensions	Roll paper : 76.2 ± 0.7 mm (W) / 57.5 ± 0.5 mm (W) dia. 83 mm max.		76.2 ± 0.7 mm (W) x 127 to 254 mm (H) (between perforations)
Printing Method	Serial impact dot matrix		
Paper	Roll paper		Sprocket paper
Paper Thickness	Roll paper: 0.06 to 0.14mm		0.1 to 0.2 mm
Print Speed (Max.)	4.4 lines / sec. (76 mm) / 5.6 lines / sec. (58 mm)	3.3 lines / sec. (76 mm) / 4.2 lines / sec. (58 mm)	5 lines / sec. (76 mm)

Epson **M-U420 Series**

- Easy operating design
- Excellent cost-performance ratio

	Epson M-U420 Series
Paper Dimensions	Roll paper: 44.5 ± 0.5 mm (W) x dia. 83 mm max. Validation: 135 to 210 (W) x 70 (H) mm mini.
Printing Method	Serial impact dot matrix
Paper	Roll paper / Validation paper
Paper Thickness	Roll paper: 0.06 to 0.09 mm / Validation: 0.07 to 0.14 mm
Print Speed (Max.)	Approximately 3 lines / sec. (at 24 VDC)

Epson **M-290 Series**

- Flat-bed shuttle impact printer
- High-quality prints
- No limit to slip design

	Epson M-290
Paper Dimensions	80 (W) x 80 (L) mm mini. to 182 (W) x 257 (L) mm max.
Printing Method	Shuttle impact dot matrix
Paper	Slip paper
Paper Thickness	0.09 to 0.35 mm
Print Speed (Max.)	2.3 lines / sec. (at 26.4 VDC)

TM PRINTERS FOR KIOSK APPLICATIONS

Space saving design combined with front facing controls and paper loading means these printers are easy to install in a wide range of locations, making them ideal for a wide range of kiosk applications.

Epson **TM-C3400**

- Fast print speed of 92 mm/s in full colour
- Drop-in paper load
- Prints various formats, materials and surfaces from 30 up to 108 mm paper width (e.g. pre-cut labels, vouchers, wristbands, tickets, continuous paper and continuous labels)
- A wide range of paper and label media is supported
- Front-facing controls
- Fanfold paper insert from backside
- Remarkably fast (up to 1000 labels/ hour)
- Durable, smudgeproof prints

Epson **TM-C610**

- Durable full-color printing
- Superior waterproof and lightfast printouts
- Highly reliable Autocutter with life of 500,000 cuts (plain paper)
- Small footprint allows for flexible installation
- Front-facing controls

Epson **TM-L90**

- Fast speed, high-resolution printing quality
- A wide range of paper and labels are supported
- Sharp reproductions of graphics and logos
- Drop-in loading paper feed
- Front-facing controls

Epson **TM-T70**

- Drop-in paper roll changing function
- Automatic receipt cutter and remote maintenance function
- Supports interconnections to OPOS and Java POS Applications
- Splash-proof housing
- Front facing controls

Better Products for a Better Future

For further information please contact your local Epson office or visit **www.epson-europe.com**

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