

EPSON SOLUTIONS FOR RETAIL AND HOSPITALITY



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40 YEARS OF EXPERIENCE AND INNOVATION

03

Throughout our history, Epson has strived to set new standards of performance and ease of operation.

A history of innovation

Epson has been the world's top printer manufacturer for over 25 years. We've produced 270 million printers for everyone from retailers to hospitals. Our first major product was a digital watch, followed by a printing timer used as the official timekeeper at the 1964 Olympics. The EP-101 was the world's first electronic calculator mini printer, and heralded our expansion into a myriad of new products, or 'sons'. Our name combines EP with 'son', and is associated with cutting edge products around the world.

Unrivalled quality

All Epson products have one thing in common – outstanding quality. This is based on our careful attention to customer needs. We were the first mini printer manufacturer to acquire accreditation for ISO9001, the strictest of the ISO9000 international quality standards. This is just one more example of the measures we take to bring you total product satisfaction. As a result Epson is Europe's number one POS printer manufacturer.*1

Environmental harmony

We have implemented a wide range of measures to protect the environment. More than ten years ago we made a commitment to stop using CFCs. We are also reducing CO2 emissions at factories and facilities, reducing waste materials and increasing recycling. In fact, a number of Epson factories have acquired ISO14001 certification.



Epson EP-101



EUROPE'S LEADING
POS PRINTER
MANUFACTURER*1



ECO FEATURES

- Generates 10% fewer life cycle CO2 emissions than the previous model (TM-T88IV) and uses 14% less total power.*2
- Saves up to approx. 30% of paper supply with paper-saving functions.*3
- ENERGY STAR® qualified.

Epson ecology label

The Epson Ecology Label is a voluntary labelling (Type II) system applicable to all Epson products. Epson develops new products based on its own evolving set of environmental standards and discloses the products' compliance through the label. The products with this label are Epson Ecology Products. Refer to the web site (<http://www.epson.co.jp/e/>) for the standards in detail.

CASE STUDIES

Epson TM-J7100 at the Post Office

Multifunction printing

The UK Post Office prints millions of labels and other products in 16,000 branches. Replacing slow, costly and unreliable impact printers was long overdue. The company needed a hard-working, secure solution to enhance the company's brand image.

The Epson solution

The TM-J7100 inkjet is faster, quieter, and prints high quality two-colour logos for added security. It's very reliable, with low-cost consumables for superb value across the 30,000 printer fleet. A key feature was its ability to fit easily into the existing emulation, with built-in flexibility to meet future changes.



'The TM-J7100 printer has more than lived up to our expectations, helping us deliver outstanding customer service.'

Andy McLean,
Head of Service Delivery

Epson TM-T88IV at Virgin Media

Receipt printing

After acquiring NTL Telewest, Virgin Media implemented a strategy to create a nationwide chain using a single, clear, easy to use reporting tool. This fresh approach to growth and distribution required an innovative EPOS system.

The Epson solution

Virgin Media installed Epson's TM-T88IV receipt printers at point-of-sale to enhance the in-store customer experience. With a 200mm per second print speed, superior graphic capability and increased user memory, they deliver faster transaction times as well as clear, high quality receipts.



'These printers are ideal for our high-volume sales environment – they are fast, easy to use and produce quality output.'

Colin Egan,
Retail Operations Executive

Epson **TM-C3400** at Akzenta

Shelftag printing

This award-winning grocery chain prints more than a million colour-coded labels for 60,000 products each year. A system of printing separate sections for hand-assembly guaranteed costly maintenance, mistakes and low quality – in contrast to their philosophy of excellence.

The Epson solution

Full-colour Epson TM-C3400 inkjet label printers have vastly reduced complexity and improved quality. Single label design is now centralised and sent by POS system to each branch for printing and simple placing on shelves. This fast, reliable system is much more efficient in every way.



'Thanks to their cost-effectiveness and low error rate, we've already recovered the outlay for the machines.'

Rainer Schmidtke, IT Director

Epson **TM-C3400** at Frankfurt Fair

Ticket printing

Holding a major exhibition depends on smooth-running processes such as visitor admission and issuing accreditation, tickets and name badges. This subsidiary of the world's largest exhibition company lives by the maxim 'everything from one source'.

The Epson solution

Replacing its thermo-transfer printers with network-compatible Epson TM-C3400 colour label printers improved ease-of-use, print quality and speed. It also eliminated unnecessary waiting for up to 1,000 daily visitors requiring personalised tickets or name badges.



'For accreditation badges at exhibitions, we now only use the Epson TM-C3400.'

Norbert Kolipost, General Manager

TRANSACTION POINT PRODUCTS

Epson TM-T88V

Introducing the first thermal printer in its class, and our most economical, low-resource thermal receipt printer yet. This flagship brings your business even higher performance printing with no fuss and a very low cost of ownership.

Like the Epson TM-T88 before it, innovation is at the heart of this printer. It's the world's first ENERGY STAR® approved thermal receipt printer, and the first grey scale graphic POS printer too.

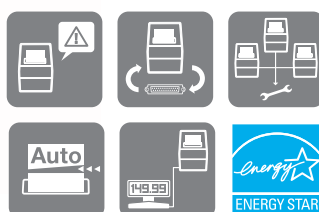
It works harder for your business at point of sale, with metal hinges, splash resistance, an integrated paper cutter with a 2 million cut performance rating, a 70 million line mean work cycle between two failures and a print head with 50% more capacity. With this level of reliability we're happy to offer a 4-year commercial warranty.

Receipt printing

- Very fast printing up to 300mm/sec
- Design and customise your own receipts
- Reduce waste with auto paper reduction
- Outstanding reliability with MCBF 70 million lines
- Easy to install and upgrade
- Includes 58mm spacer
- ENERGY STAR-qualified for power efficiency
- Choose from cool white or dark grey



Up to 30% paper saving. Customise receipts with images and reduce waste with auto paper reduction



PRODUCT SPECIFICATIONS

Print method	Thermal line printing
Print speed	300mm/s
Column capacity (col)	42 / 56
Paper dimensions (mm)	79.5 ± 0.5, 57.5 ± 0.5 (W) × dia. 83
Interfaces	USB on board and changeable interface board (see table page 23)
Power supply	PS-180 (option)
Dimension (mm) / weight	145 (W) × 195 (D) × 148 (H) 1.6kg

Epson TM-T70

The first POS printer with front-facing controls, built to bring speed, simplicity and enhanced customer service for retail and hospitality settings where space is at a premium. Compact, reliable and robust, it also fits easily into any retail system.

Receipt printing

- Advanced text, graphics, barcode printing
- Front paper feed, drop-in paper rolls
- Easy access operator covers
- Extensive connectivity and networking



PRODUCT SPECIFICATIONS

Print method	Thermal line printing
Print speed	170mm/s
Column capacity (col)	42 / 56
Paper dimensions (mm)	79.5 ± 0.5 (W) x dia. 83
Interfaces	Changeable interface board (see table page 23)
Power supply	PS-180 (option)
Dimension (mm) / weight	125 (W) x 194 (D) x 114 (H) 1.8kg

Epson TM-T90

Fast, high quality receipt printer with 2-colour capability for added customer satisfaction and security. Compact and capable, this hard-working printer is ideal for any retail environment.

Receipt printing

- Fast, reliable receipt printer
- Enhanced performance with 2-colour printing
- Handles paper rolls up to 102mm dia.
- Fits easily into your POS setup



PRODUCT SPECIFICATIONS

Print method	Thermal line printing
Print speed	Max. 170mm/s
Column capacity (col)	56 / 42
Paper dimensions (mm)	Max. 79.5 ± 0.5 (W) x dia. 102
Interfaces	Changeable interface board (see table page 23)
Power supply	PS-180 (option)
Dimension (mm) / weight	140 (W) x 201 (D) x 148 (H) 1.8kg

Epson TM-T20

NEW

Fast, reliable and affordable, this all-in-one receipt printer suits any retail space. It can be mounted horizontally or hung on a wall and has an easy access paper cover and intelligent cable management.



- Receipt printing**
- Consistent logos and patterns up to 150mm/sec
 - Flexible printing on 58mm or 80mm paper
 - Extensive driver, system and language support
 - ENERGY STAR-qualified for power efficiency

PRODUCT SPECIFICATIONS	
Print method	Thermal line printing
Print speed	Max. 150mm/s
Column capacity (col)	48 / 64
Paper dimensions (mm)	57.5 ± 0.5, 79.5 ± 0.5 (W) x dia. 83
Interfaces	USB or serial
Power supply	Internal (AC cable included)
Dimension (mm) / weight	140 (W) x 199 (D) x 146 (H) 1.7kg

Epson TM-U220 Series

Set a new standard with the replacement to the industry-favourite TM-U210. With the same dimensions but extra features and speed, everyone from retailers to restaurant kitchens can work even more efficiently.



- Receipt printing (journal optional)**
- A seamless replacement for the TM-U210
 - 30% faster than predecessors
 - Easy paper and ribbon replacement
 - Handles 58, 69 or 76mm roll paper

PRODUCT SPECIFICATIONS	
Print method	9-pin, serial impact dot matrix
Print speed	4.7ips (at 40 columns, 16cpi), 6.0ips (at 30 columns, 16cpi)
Column capacity (col)	40 / 42 or 33 / 35
Paper dimensions (mm)	57.5 ± 0.5, 69.5 ± 0.5, 76.0 ± 0.5, (W) x dia. 83
Interfaces	Changeable interface board (see table page 23)
Power supply	Exclusive AC adapter (included)
Dimension (mm) / weight	Type A: 160 (W) x 286 (D) x 157.5 (H), 2.7kg Type B/D: 160 (W) x 248 (D) x 138.5 (H), 2.5 / 2.3kg

Epson TM-U230

Built to work hard in any kitchen, this water-resistant printer has a wipe-clean case for easy removal of kitchen spills, as well as a unique drain channel. It's also easy to position and fits into your order system.



Receipt printing (for kitchens)

- Fast, reliable and easy to use
- Rugged, resistant and wipe-clean
- Position vertically, horizontally or on the wall
- Easy connection to your kitchen order system

PRODUCT SPECIFICATIONS

Print method	9-pin, serial impact dot matrix
Print speed	3.5lps (at 40 columns, 16cpi), 6.4lps (at 16 columns, 16cpi)
Column capacity (col)	40 / 42 or 33 / 35
Paper dimensions (mm)	76.0 ± 0.5 (W) x dia. 83
Interfaces	Changeable interface board (see table page 23)
Power supply	Power supply built-in model / Power supply separate
Dimension (mm) / weight	166 (W) x 168 (D) x 260 (H) 2.8kg

Epson TM-U295

Combine quality and flexibility with the world's smallest slip printer. It's simple to use and versatile, with four print sizes, four print directions and a mode for printing just about anywhere on a document.



Flatbed slip printing

- Save counter space with an ultra-small footprint
- Take control with multiple print options
- Easy to operate touch panel
- Complete with Epson ESC/POS command system

PRODUCT SPECIFICATIONS

Print method	7-pin, shuttle impact dot matrix
Print speed	1.9 – 2.3lps
Column capacity (col)	35 / 42
Paper dimensions (mm)	80 (W) x 69 (L) to 182 (W) x 257 (L)
Interfaces	Serial or parallel
Power supply	PS-180 (option)
Dimension (mm) / weight	180 (W) x 191 (D) x 102 (H) 1.6kg

Epson TM-U590

Handle a wide range of bank and business document and slip printing with the fast, dependable Epson TM-U590. Print up to 88 columns wide, an original with four copies and keep informed with Automatic Status Back function.



Flatbed slip printing

- Print up to 311 characters per second
- Feed larger slips smoothly with extendable table
- Complete with Epson ESC/POS command system
- Ensure compatability with interchangeable interfaces

PRODUCT SPECIFICATIONS	
Print method	9-pin, serial impact dot matrix
Print speed	311 / 233cps
Column capacity (col)	88 / 66
Paper dimensions (mm)	70 (W) x 70 (L) to 210 (W) x 297 (L)
Interfaces	Changeable interface board (see table page 23)
Power supply	PS-180 (option)
Dimension (mm) / weight	252 (W) x 266 (D) x 185 (H) 5kg

Epson TM-U675

Combine smooth, fast slip, receipt and validation printing with very quiet operation in a single, compact printer. Ideal for banking and retail settings, it's simple to operate, with optimised features and a small footprint.



Receipt, slip, validation (MICR option)

- Quietest printer in its class
- Fast MICR and cheque printing
- Easy paper loading, one-touch removal
- Smooth, superior slip handling

PRODUCT SPECIFICATIONS	
Print method	9-pin, serial impact dot matrix
Print speed	Approx. 5.14lps (at 40 columns, 17.8cpi)
Column capacity (col)	Receipt: 37 / 50, Slip / Validation: 45 / 60
Paper dimensions (mm)	Roll paper: 82.5 / 76.0 ±0.5 (W) x dia. 83, Slip / Validation paper 68 x 152 minimum size
Interfaces	Changeable interface board (see table page 23)
Power supply	Exclusive AC adapter (included)
Dimension (mm) / weight	186 (W) x 298 (D) x 195 (H) 5.8kg

Epson TM-U950

Produce everything from slips and receipts to journals with this high performance printer with speeds up to 88 columns on media up to A4. It's the perfect, versatile choice for busy retailers with hard-working POS systems.



Receipt, slip, journal (MICR option)

- High performance bi-directional, logic-seeking printer
- Easy paper loading and auto paper cutting
- Print up to 311 characters/sec
- Optional cheque printing and endorsement

PRODUCT SPECIFICATIONS

Print method	9-pin, serial impact dot matrix
Print speed	311 / 233cps
Column capacity (col)	Receipt (Journal): 40 / 30, Slip: 88 / 66
Paper dimensions (mm)	Receipt (Journal): Roll paper: 69.5 ± 0.5 (W) x dia. 83 Slip: 70 (W) x 70 (L) to 210 (W) x 297 (L)
Interfaces	Serial or parallel
Power supply	PS-180 (option)
Dimension (mm) / weight	251 (W) x 298 (D) x 194.5 (H) 5.6kg

Epson TM-H5000II

Use receipts as a business tool with the lightning speed and advanced graphics of this thermal and dot matrix printer. Enhance customer connection by linking purchases and multi-buys, adding logos, messages and barcodes.



Receipt, slip (MICR option)

- Incorporate one-to-one marketing into POS
- High speed, customisable wide-slip printing
- Print slips up to 88 columns
- Excellent reliability up to 52 million lines (receipt), 29 million lines (slip)

PRODUCT SPECIFICATIONS

Print method	Receipt: Thermal line printing, Slip: 9-pin serial impact dot matrix
Print speed	Receipt: 120mm/s (38lps, 1/8" conversion), Slip: 311 / 233cps
Column capacity (col)	Receipt: 56 / 42, Slip: 88 / 66
Paper dimensions (mm)	Roll paper 79.5 ± 0.5 (W) x dia. 83, Slip: 70 (W) x 70 (L) to 210 (W) x 297 (L)
Interfaces	Changeable interface board (see table page 23)
Power supply	PS-180 (option)
Dimension (mm) / weight	252 (W) x 331 (D) x 201 (H) 6.5kg

Treat your business to the industry's fastest receipt printing and cheque processing of up to 300mm/sec. With a highly accurate MICR that has a recognition rate of more than 99%, this printer also takes reliability to a new level.

Scan and print faster and more reliably with this hybrid receipt printer and cheque processor. The thermal print head and auto cutter are built to last, and the long-life ribbons now last up to approximately 3/4 million characters and are easy to replace with one hand.

A compact footprint and a variety of drivers ensure seamless integration, including a simple swap upgrade if you currently run an Epson TM-H6000III. It's also easy to transfer to a USB environment using Epson's TM Virtual port driver.

Network monitoring makes it easy to manage and change settings remotely, and setting can be restored quickly and easily should a printer needs to be swapped.

Paper saving functions add economy and power consumption is dramatically reduced because this printer uses less than half the power of its predecessor model.

Receipt, slip, validation (MICR, endorsement option)

- Industry-leading hybrid printer
- Faster receipt printing up to 300mm/s
- High accuracy MICR over 99%
- Easy to integrate with very small footprint
- Grey scale graphic printing
- Paper saving functions
- Wide paper paths and simple replacement of consumables
- Network management and remote monitoring
- Energy efficiency with low standby power



Wide paper paths and simple replacement of consumables



PRODUCT SPECIFICATIONS

Print method	Receipt: Thermal line printing, Slip, E/P: 9-pin serial impact dot matrix
Print speed	Receipt: 300mm/s, Slip, E/P: Approx. 5.7lps for face side (at 40 columns, 17.8cpi), Approx. 4.0lps for back side (at 40 columns, 21.2cpi)
Column capacity (col)	Receipt: 56 / 42, Slip: 45 / 60, E/P: 40
Paper dimensions (mm)	Roll paper: 79.5 ± 0.5, 57.5 ± 0.5 (W) × dia. 83
Interfaces	USB on board and changeable interface board (see table page 23)
Power supply	PS-180 (option)
Dimension (mm) / weight	186 (W) × 278 (D) × 182 (H) 4.4kg

Epson TM-J7000 Series

Enjoy fast, smooth retail and banking POS operations with this compact multi-function inkjet and cheque processor. Enhance the customer experience and your business efficiency with high quality 2-colour receipts and slips including graphics and barcodes.

Make a real difference to receipts with bright, eye-catching colour logos, coupons and advertisements. Print and validate customer cheques in seconds, even if they've been folded or crumpled.

Great results are easy to achieve, with class-leading print speeds to keep customer waiting to a minimum while enhancing their experience with complex, high resolution 2-colour graphics. Prints are permanent too, so they last and stand out for longer.

Print and endorse cheques in as little as 12 seconds with this multi-function printer's single-insertion system, which is virtually error-free because there's no need to flip the cheque.

This printer is easy to use even in demanding environments. The front-loading paper roll and ink cartridge are easy to change, while ink near-end detectors and the operations panel make it easy to use even for inexperienced operators.

Receipt, slip (MICR, endorsement option)

- Class-leading speeds up to 14.3 text lines/sec
- One-pass cheque printing with SmartPass technology
- Durable and reliable for low cost of ownership
- High resolution 2-colour printing
- Autocutter life 1.5 million lines, MCBF 50 million lines
- Long-life ink cartridges last up to 20 million characters
- Quality and efficiency with unique inkjet technology
- Handles cheques that have been folded or crumpled



High resolution 2-colour printing



PRODUCT SPECIFICATIONS

Print method	Serial inkjet dot matrix (180 dpi x 180 dpi)
Print speed	Character: 14.3lps Graphic: 43mm/s (Paper width 76mm, Economy, High speed mode)
Column capacity (col)	Receipt: 82.5mm: 42 / 56, 76mm: 40 / 53, 69.5mm: 36 / 48, 57.5mm: 30 / 40, Slip: 48 / 64, 80 / 106 (J7500, J7600)
Paper dimensions (mm)	Endorsement: 46 / 61 Rollpaper: 57.5 ± 0.5, 69.5 ± 0.5, 76 ± 0.5, 82.5 ± 0.5, Slip: 68 to 230 (W) x 68 to 297 (L) (min. 68 x 152), Endorsement: 68 to 101.6 (W) x 150 to 223 (L)
Interfaces	Changeable interface board (see table page 23)
Power supply	PS-180 (option)
Dimension (mm) / weight	195 (W) x 237 (D) x 188 (H) 4.4kg

Epson TM-C3400

Exploit new opportunities with the fastest desktop inkjet label printer available. Print up to 1,000 colour labels per hour, and maximise ease and efficiency with a range of formats and finishes to match your designs and specifications.

Print labels, wristbands and tickets on continuous or pre-punched paper with a high gloss or satin finish, and rely on long-lasting quality even under medical conditions.

Add security by changing designs for each event, and speed up movement with clear recognition and differentiation. Print clear, hard-wearing barcodes to keep your events or hospital operations error-free.

This printer doesn't use conventional ribbons, producing up to 10,000 labels with a single ink cartridge. Minimise waste with the integrated cutter that trims paper according to your specifications and enhance security with inkjet printing that unlike ribbon printers doesn't leave a negative image.

It fits easily on a shelf or under a desk, with everything easily accessible from the front. You can also administer and configure up to 64 printers centrally.

Colour label, wristband and tag

- Fast desktop label, tag, ID band and ticket printer
- Print up to 1,000 labels per hour
- Print up to 10,000 labels with a single ink cartridge
- Print on media from 30mm to 112mm wide
- Labels are clear, bright and long-lasting
- Take control with central administration
- Use less energy while printing and on standby
- Improve security with accuracy and clear colours



PRODUCT SPECIFICATIONS	
Print method	Serial inkjet, 3-colour
Print speed	Max. 92mm/s
Paper dimensions (mm)	Roll / fanfold paper 25.4 – 108 (W) dia. 101.6
Interfaces	USB or Ethernet
Power supply	Embedded AC adapter
Dimensions (mm) / weight	255 (W) × 275 (D) × 261 (H) 10kg

Epson TM-C610

NEW

Capture customer attention and increase revenue with this full colour on-demand coupon printer. Compact, easy to use and reliable, it slots neatly into your till points and produces eye-catching, waterproof coupons quickly.



Colour coupon

- Fast printing up to 96mm/sec
- Ultra reliable with long-life auto cutter
- Easy connectivity with remote management
- Easy, mess-free use, with front-loading and controls

PRODUCT SPECIFICATIONS	
Print method	Serial inkjet, 3 colour
Print speed	Max. 96mm/s
Paper dimensions (mm)	57.5 ± 0.5 (W) × dia. 90
Interfaces	USB or Ethernet
Power supply	Exclusive AC adapter (included)
Dimensions (mm) / weight	185 (W) × 200 (D) × 195 (H) 4kg

Epson TM-C100

Improve your in-store printing dramatically with this high quality colour inkjet designed for business use. It's compact, easy to use and gives you the power to produce professional, great-looking 4-colour materials that last.



Colour ticket and label

- Discover on-demand colour business printing
- Simple to use, with auto paper cutting
- Free up counter space with compact design
- 4-colour inks resist water and fading
- Optional single sheet feeder
- Also available as black ink model

PRODUCT SPECIFICATIONS	
Print method	Serial inkjet, 4-colour
Print speed	Max. 35mm/s
Paper dimensions (mm)	Roll paper: 45 to 105 W x dia. 90 Sheets 49 x 120 up to A4
Interfaces	USB
Power supply	Exclusive AC adapter
Dimensions (mm) / weight	210 (W) x 367 (D) x 245 (H) 2kg

Epson TM-T88IV ReStick

Produce a variety of repositionable receipts with customised logos, promotional messages, barcodes and text, plus reliability up to 52 million lines and high speed up to 150mm/sec. Save space with a compact design and a wall-hanging option.

- ReStick label and receipt**
- Print on receipt and liner-free restick label paper
 - Advanced graphic and 2D code (PDF417/QR)
 - Increased spill resistance
 - Choose from cool white or dark gray



PRODUCT SPECIFICATIONS	
Print method	Thermal line printing
Print speed	Max. 150mm/s
Printing width (mm):	80mm paper (W) model: 72mm 58mm paper (W) model: 52.5mm 80mm paper (W) model:
Characters per line:	Font A: 48; Font B: 64; Font C: 57 58mm paper (W) model: Font A: 35; Font B: 46; Font C: 42
Interfaces	Changeable interface board (see table page 23)
Power supply	PS-180 (option)
Dimensions (mm) / weight	145 (W) x 195 (D) x 148 (H) 1.8kg

Epson TM-L500

NEW

Enhance your transport or events business with this fast, flexible ticket and label printer and with a dedicated model for airports (L500A). Compact, reliable and easy to use, it keeps your customers moving even at the busiest times.

- Ticket and label**
- Cut queues with speeds up to 250mm/sec
 - Customise with optional LCD and control board
 - Simple to integrate and use
 - Easily switch paper with detection sensors



PRODUCT SPECIFICATIONS	
Print method	Thermal line printing
Print speed	Max. 250mm/s
Column capacity (col)	48 / 64 Columns
Paper dimensions (mm)	54.0 ± 0.5, 79.5 ± 0.5, 82.5 ± 0.5 x dia. 184.1
Interfaces	USB, 9 pin serial, 25 pin serial, Ethernet
Power supply	PS-180 (option)
Dimensions (mm) / weight	LCD model: 156 (W) x 148 (D) x 235 (H) / with roll holder 169 (W) x 218 (D) x 496 (H), 2.8kg (4.6kg with empty roll holder)

Epson TM-L90

Enhance your business with the fast, compact printer that produces high quality 1 and 2-colour custom labels and barcodes. Choose from a wide variety of paper, including liner and thermal labels, receipts and tickets.



Label and receipt

- Print at up to 150mm/sec at 203 x 203 dpi
- Design custom labels quickly and easily
- Easy drop-in paper rolls
- Excellent reliability with an MCBF of 70 million lines

PRODUCT SPECIFICATIONS

Print method	Thermal line printing
Print speed	150mm/s
Column capacity (col)	48 / 64 Columns
Paper dimensions (mm)	37.5 ± 0.5, 59.5 ± 0.5, 79.5 ± 0.5 x dia. 90
Interfaces	Changeable interface board (see table page 23)
Power supply	PS-180 (option)
Dimensions (mm) / weight	140 (W) x 203 (D) x 148 (H) 1.9kg

Epson TM-L60II

Ideal for in-store shelf labels and marking, this user-friendly, compact printer handles labels and thermal paper and prints in a range of styles including landscaped, white on black and barcodes – all at a low cost of ownership.



Label and receipt

- Maximise productivity, enhance customer service
- Easy to use, with simple drop-in paper loading
- High speed output, high-resolution graphics
- Compact, space-saving design

PRODUCT SPECIFICATIONS

Print method	Thermal line printing
Print speed	12lps
Column capacity (col)	42 x 32 (Roll Paper), 40 x 30 (Label)
Paper dimensions (mm)	60.0 ± 0.5mm (W) x dia. 83
Interfaces	Serial or parallel
Power supply	PS-180 (option)
Dimensions (mm) / weight	123 (W) x 201 (D) x 124 (H) 0.8kg

EPSON SOLUTIONS FOR FISCAL REGULATIONS



Fiscal laws are a legal Act or Decree that regulate the certification process, general technical specifications, and rules of usage of fiscal devices or systems approved for accumulation, classification, registration and dissemination of information about sales transactions paid by cash or cash substituting media.

Epson has experience in technologies, legislations and processes and has worked closely with tax authorities in various regions for many years. The worldwide coverage of Epson partners and its support network ensures the demands of fiscal specifications are fulfilled.

Bestselling models TM-T81F and TM-T260F represent Epson's competence in printing for fiscal countries. For detailed information on each fiscal printing solutions please contact the local Epson office.

FISCAL PRINTERS

Epson **TM-T81F**

Meet the needs of regulated markets with this reliable, affordable 1-station POS printer. Fast, flexible and easy to use, it's very compact but includes free space to integrate fiscal modules and adapt to the future of your business.

1-Station receipt

- Vertical and horizontal barcodes in 180 x 180 dpi
- High speed printing up to 150mm/sec
- Easy maintenance and drop-in paper rolls
- The popular choice in Eastern Europe



Epson **TM-T260F**

This is the fast 2-station thermal printer for receipts and journals in fiscally regulated markets. It fits easily into any shop fitting, is virtually silent and delivers superb quality results with no fuss, time after time.

2-Station receipt and journal

- Space to integrate approved fiscal modules
- Fast printing up to 150mm/sec (receipts)
- Simple front-loading, drop-in paper system
- Suits expansion into fiscally regulated markets



Epson TM-S1000

Add reliability and innovation to crucial scanning in financial and corporate markets. Achieve the highest MICR accuracy in the desktop scanning market and make the process fast, easy and world class quality.



RETAIL SCANNERS

Cheque and voucher

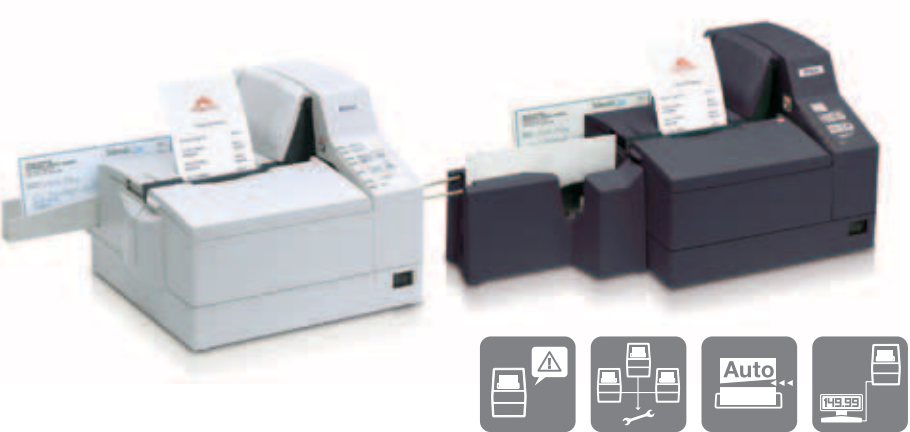
- High accuracy for cheque and document scanning
- Process up to 60 cheques per minute
- Drop-in auto sheet feeder and 2 pockets
- Large image scanning area of 26.95 x 10.26cm

PRODUCT SPECIFICATIONS

Scan method	Contact Image Sensor
Scan speed	500mm/s
Paper dimensions (mm)	120 x 68 (H) to 235 x 120 (L)
Interfaces	USB
Power supply	Exclusive AC adapter (included)
Dimension (mm) / weight	176 (H) x 355 (W) x 160 (D) 4kg

Epson TM-J9000 Series

Scan and print documents, receipts and cheques with this high resolution inkjet and scanner. Scan up to 30 documents per minute with the auto document feeder and feed sensor and make high quality 1 and 2-colour prints.



Cheque and receipt

- Integrated, miniaturised printer and cheque scanner
- Total accuracy with class-leading MICR rate
- Built-in ID card scanner
- Capture both sides of a cheque in seconds

PRODUCT SPECIFICATIONS

Print method	Serial inkjet, 2 colour
Print speed	43mm/s
Column capacity (col)	Receipt: 40 / 53, Validation: 62 / 82
Paper dimensions (mm)	Receipt: 76, Validation: 68 x 152 (H) to 100 x 230 (L)
Interfaces	USB 2.0, Dealer option: RS-232, Bi-directional parallel, Ethernet
Power supply	PS-180 (option)
Dimensions (mm) / weight	310 (466 with ASF) (W) x 232 (D) x 180 (H) 4.9kg (5.2kg with ASF)

BRIGHT POS COMMUNICATION

CUSTOMER DISPLAYS

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Dramatically improve your customer communication with Epson's range of compact, adjustable, reliable customer displays.

Our screens are much more than just price displays. High resolution graphics and up to 8 lines of scrolling text give your business maximum visibility and clarity of information.

Epson DM-D110 Series

Maximise ease and clarity when dealing with your customers with this clear easy-to-read display that's ideal for restaurants and speciality stores. For extra flexibility, it can be adapted for panel and height adjustment.

- High-speed data transfer display
- Flash memory and extensive font table
- Excellent reliability up to 20,000 hours
- Optional panel and height adjustment



Epson DM-D210 Series

Make a clear customer connection with this large, wide-angle, high resolution display. It's clear and easy to read with the 20-column, 2-line indications, and fully adjustable to fit into your space and layout.

- Flexible up/down left-right adjustment
- Flash memory and extensive font table
- Excellent reliability up to 20,000 hours
- Available in cool white or dark grey



Epson DM-D500

Display characters, pictures, illustrations and up to 8 lines of text with this clear, easy to read dot matrix display. Scroll vertically or horizontally, and adjust to fit your space and layout.

- Up to 336 characters (42 columns x 8 lines)
- Flexible up/down left-right adjustment
- Choose from 3 different stand types
- Excellent reliability up to 30,000 hours

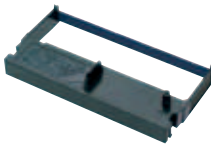


CONSUMABLES AND OPTIONS

QUALITY AND RELIABILITY

Keep your business working at full speed with no-compromise consumables designed and manufactured to the same meticulous standards as your printer. And match your printer to your individual needs with comprehensive options.

RIBBON CASSETTES

				
ERC-38 for TM-U220, TM-U230 (Black, Black/Red)	ERC-31 for TM-U950, TM-U590, TM-H5000II (Black)	ERC-27 for TM-U295 (Black)	ERC-32 for TM-H6000IV, TM-U675 (Black)	ERC-43 for TM-H6000IV (Endorsement printer) (Black)

INK CARTRIDGES

						
SJIC6 for TM-J7100, TM-J7600, TM-J9100 (Black)	SJIC7 for TM-J7100, TM-J7600, TM-J9100 (Red, Green, Blue) Used with SJIC6	SJIC8 for TM-J7000, TM-J7500, TM-J9000 (Black)	SJIC9P for TM-C100 (Cyan, Magenta, Yellow, Black)	SJIC10P(K) for TM-C100 (Black)	SJIC15P for TM-C3400, TM-C610 (Cyan, Magenta, Yellow, integrated, pigment ink)	PJIC1-6 for Discproducer series (Cyan, Light Cyan, Magenta, Light Magenta, Yellow, Black)

POWER SUPPLIES

The Epson PS-180 is a switching power supply unit. It can save energy by reducing the power loss and be used with most commercial voltage in the world with its universal power input.



Epson PS-180/WH/WT					
Input	Output	Plug	Safety standard		
100 to 240V AC	24VDC, 2.0A	3P power jack	UL	CSA	TÜV
			•	•	•

INTERFACE TABLE

CONNECTIVITY

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PRODUCT	TYPE	CODE	PICTURE	Epson TM-T88IV ReStick	Epson TM-T88V	Epson TM-T70	Epson TM-T90	Epson TM-L90	Epson TM-U220	Epson TM-U230	Epson TM-U590	Epson TM-U675	Epson TM-J7X00	Epson TM-H5000II	Epson TM-H6000IV
UB-S01	RS-232	C32C823361		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
UB-S09	RS-232+DMD	C32C823861		✓	✓	✓	✓	✓	✓	✓	✓ ^{*4}	✓	✓	✓	✓
UB-P02II	PARALLEL	C32C823891		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
UB-U01III	USB+HUB +DMD	C32C824111		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
UB-U02III	USB+DMD	C32C824121		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
UB-U03II	USB	C32C824131		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
UB-U04	USB POWERED	C32C823950		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
UB-U05	USB	C32C823991		✓	✓	✓	X	X	X	X	X	X	X	X	✓
UB-U06	USB POWERED	C32C824071		✓	✓	✓	X	X	X	X	X	X	X	X	✓
UB-U09	USB+RS-232	C32C823893		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
UB-U19	USB+RS-232	C32C824092		✓	✓	✓	X	X	X	X	X	X	X	X	✓
UB-E02	10BASE-T	C32C824151		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
UB-R03	WIRELESS LAN	C32C824461		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Description

UB-S01 = serial standard RS-232
 UB-S09 = serial up to 115.2kb/s, with DM-D port
 UB-P02II = bidirectional parallel high speed
 UB-U01III = USB 1.1, with hub, with DM-D port
 UB-U02III = USB 1.1, no hub, with DM-D port
 UB-U03II = USB 1.1, no hub, no DM-D port

UB-U04 = USB powered, no hub, no DM-D port
 UB-U05 = USB high speed, no hub, no DM-D port
 UB-U06 = USB high speed powered, no hub, no DM-D port
 UB-U19 = Combo USB + RS-232 for T88/T70
 UB-U09 = Combo USB + RS-232
 UB-E02 = 10 Base-T Ethernet
 UB-R03 = Wireless IEEE 802.11b

IMPACT DOT MATRIX PRINTERS

RECEIPT AND REPORT

Whether you choose the compact, rugged Epson LQ-50 or the bestseller Epson FX-890, whenever you need larger multicopy receipts your business can rely on the highest levels of productivity, ease of use and reliability – all day, every day.

As the world's largest manufacturer of dot matrix printers Epson offer the ultimate in high-speed, low cost, reliable and durable printing across all stationery types. Ideal for drafting, high volume data processing and multi-part.



WORLD LEADER
IMPACT DOT MATRIX PRINTER
SINCE 1996*5

Epson LQ-50

NEW

The perfect printing solution for small counter spaces with the portable 24-pin dot matrix printer that combines high reliability and durability with a low total cost of ownership. It also has an optional protective cover to handle dusty places.

6-inch multiply

- Ideal for small counters
- Fast printing up to 360cps
- Very reliable MTBF around 10,000 hours
- ENERGY STAR-qualified for power efficiency



Epson FX-890

This fast, reliable dot matrix printer keeps on going through busy times. From car showroom to warehouse, it fits in easily and works hard, and has a long list of options to grow with your business.

8-inch multiply

- 2 x 9-pin A4 printing up to 680cps
- Flexible paper handling up to 7-part forms
- Ribbon prints up to 7.5 million characters
- Top, bottom, front and rear paper paths



CD/DVD PUBLISHERS

CD AND DVD ON DEMAND

25

Epson Discproducer™ Series

Transform information storage by printing full colour photos and high quality text onto discs and even download your data too. These fast, precise, easy to use publishers keep costs down, improve security and keep the disc production process in-house.



- Duplicate up to 100 CD/DVDs in a single cycle
- Precision disc handling with AcuGrip™ technology
- 6-colour prints resist water and smudging
- Also available as networked model (PP-100N) and for sensitive areas with added security (PP-100NS)
- Affordable PP-50 for up to 400 media/month available



IN STORE ADVERTISING AND PROMOTION

When you want to make a bigger, bolder, brighter statement that captures audience attention, Epson large format printers or multimedia projectors are ideal. From superb, long-lasting prints to moving images, they really stand out.

It's harder than ever to get your message across to customers, but Epson makes it easy to get noticed with high quality POS prints and displays that take advertising and promotion to a new level.



Epson Stylus Pro 7700/9700



These no-compromise 24in and 44in Epson UltraChrome POS printers combine quality and durability with streamlined workflows.

- 5-colour ink sets
- Ideal for signage and displays that stand out
- Ease and reliability to meet your deadlines

Epson Stylus Pro 4450



A compact A2+/17in in-house production printer that delivers fast turnaround and high volume graphics, point of sale and signage.

- Great flexibility from a wide choice of media
- Easy to use, reliable and fast
- High capacity ink cartridges, for overnight printing

Epson EB-1925W



A portable powerhouse that captures any audience with stunning widescreen images in any room, with lights on or off.

- Present wirelessly with Epson EasyMP networking
- Easy PC-Free presenting
- Direct power on/off and energy-efficient lamp

Epson **EB-Z8050W**



Bring attention-grabbing wireless projection to large screening venues with bright, natural images up to 500in.

- Superb WXGA images with 7,000 lumens brightness
- Easy to set up, use and maintain
- Long life dual-lamp system lasts up to 3,500 hours

Epson **EB-Z8000WU**



Enjoy superb images and network control with this installation projector for larger auditoriums and conference rooms.

- Natural WUXGA images with 6,000 lumens brightness
- Motorised zoom, focus, lens shift
- Long life dual-lamp system lasts up to 3,500 hours



EPSON
WORLD LEADER
IN PROJECTORS^{*6}



Epson **EB-G5950**



Designed to meet the needs of large venues, this wireless projector delivers high image quality alongside a simple set-up.

- Ideal for lecture theatres, auditoriums and concert halls
- Ultra bright 5,200 lumens white and Colour Light Output
- Powerful 7W built-in speakers

Epson **EB-G5650W**



A large venue installation projector with WXGA native resolution, plus fast wireless connectivity, lens and placement options.

- Powerful 4,500 lumens White and Colour Light Output (CLO)
- EasyMP Network
- Exceptional images even in daylight with 3LCD technology

Epson **EB-G5450WU**



A wireless WUXGA projector with superb image quality, EasyMP Network Projection features and a simple set-up.

- Perfect for large venues – present bigger images in greater detail
- See smoother, more fluid images with 1080/24fps processing
- Fast wireless connection

BACK OFFICE SOLUTIONS

Easy to use, precision technology can transform the way your business works behind the scenes, from great text and graphics printing to scanning, copying and organizing your files in a high-productivity office.

From high speed lasers delivering business quality results to business inkjets and specialist scanners, the Epson range includes the perfect solution for your desk or busy office network, delivering great results to match your budget.

Epson B-510DN



Enjoy superb colour and mono at an extremely low cost per page with this flexible, reliable printer.

- High productivity with 37ppm printing
- High print quality
- Network and duplex as standard

Epson AcuLaser MX20DN series



The mono multifunctional series gives you everything your business needs.

- Print, copy, scan and fax^{*7}
- Double-sided printing
- High quality results
- Efficient printing up to 28ppm

Epson AcuLaser CX16 series



Boost your business with this compact, affordable colour multifunction printer.

- Print, copy, scan and fax^{*8}
- Easy to use
- Print up to 20ppm^{*4} in mono, 5ppm in colour
- Low running costs

Epson AcuLaser CX28DN series



Add productivity and versatility to your business with this multifunctional colour laser printer, scanner and copier.

- Print up to 24ppm both in colour and mono
- Versatile solution
- Easy integration

Epson AcuLaser C3900N series



Offering both speed and flexibility, this high-performance series prints up to 30 colour and mono A4 pages per minute.

- Flexible paper handling and memory
- One of the smallest devices in its class

Epson AcuLaser M2300D series



This fast, dependable desktop A4 printer delivers high quality mono prints quickly and reliably.

- Fast printing up to 30ppm
- Superior print quality
- Duplex as standard



Epson GT-S50 series



Make high-volume, single or double-sided document management easy with this A4 sheet-fed colour scanner.

- Fast scanning up to 25ppm simplex, 50ipm duplex
- One-pass duplex scanning
- Built-in 75-sheet ADF

Epson GT-S80 series



Let this fast sheet-fed workgroup scanner take care of scanning while you look after your business.

- Fast scanning up to 40ppm simplex, 80ipm duplex
- One-pass duplex scanning
- Easily share across a Network

Epson GT-1500



Put an end to your paperwork problems with this cost-effective A4 flatbed scanner with 40-page ADF.

- Instant quality with ReadyScan LED technology
- 18ppm scanning
- One-touch scanning with 4 customisable buttons

COVERPLUS

TOTAL PEACE OF MIND

KEEPING YOUR BUSINESS WORKING

In the high-pressure world of retail, you need solid reliability and support to back up enhanced performance. With a track record of exceeding our clients' expectations, our commitment to service is second to none, and we work hard to give you the support you need to keep your business moving. Choose the level of support you need, or let us work out a bespoke solution based on your needs or budgets.

Our goal is to provide a total service that works smoothly from shop-floor to back-office, and that includes real peace of mind into the future.

Standard warranty

Minimum 12 months' cover, up to 4 years depending on the product delivered in one or more of the following ways:

- Call-out for an engineer the next working day
- Collect, repair and return within five working days
- Carry-in to your nearest Epson Express Centre
- Replace next working day

EPSON COVERPLUS SERVICE AND SUPPORT OPTIONS

EXTENDED COVERPLUS WARRANTY

Extend the standard warranty to 3, 4 or 5 years depending on the product.

ENHANCED COVERPLUS WARRANTY

Upgrade to an engineer on-site within 8 working hours, repair/replacement within 16 working hours, service kits and annual service checks.

BESPOKE WARRANTY

Talk to us and we'll work with you to create a warranty and service programme that's based around your unique requirements.

SELF MAINTAINER PROGRAMME

We'll train and equip members of your staff to handle everyday problems and maintenance, so they can provide instant on-site support.

ADDITIONAL SERVICES

A range of specialist services cover installation, end-user training, preventative maintenance packages and out-of-warranty solutions.



"MOT Computerisation has been installed in over 19,000 garages throughout Great Britain. Epson manages and services the printers at these 19,000 sites, on behalf of Siemens, and to their great credit they consistently hit service levels and react proactively to requests for information. Their efficiency has contributed to MOT Computerisation winning both National IT Industry and Government excellence awards in 2007. Siemens is delighted with the service Epson provides."

Neil Hargrave, Service Director,
Siemens IT Solutions and Services Ltd.

BETTER PRODUCTS FOR A BETTER FUTURE

At Epson we strive to create innovative, superior products that are reliable, recyclable and energy efficient. We use fewer resources, helping to ensure a better future for us all.

Working together to recycle

We make our products and supplies as easy to recycle and re-use as possible. Epson Return and Recycle programmes are free of charge and are the safe, easy way to dispose of your old ink or toner cartridges.

Making a smaller impact

We're changing every aspect of the product lifecycle – from initial design to recycling – to add efficiency and reduce emissions. The benefits are clear in the products you can use today.

Reducing your energy consumption

Our products are constantly improving, but also use less energy. Most comply with the international ENERGY STAR® standard, which gives you the peace of mind that you're making the eco-friendly choice.

Committed to a better future

Our plans for the future are based on stringent reductions in our impact on the environment, covering all aspects of the product lifecycle, including design, manufacturing, emissions, efficiency and recycling.

Epson TM-T88V



Eco features

- Generates 10% fewer life cycle CO2 emissions than the previous model (TM-T88IV) and uses 14% less total power.²
- Saves up to approx. 30% of paper supply with paper-saving functions.³
- ENERGY STAR-qualified.

Better Products for a Better Future™

The specific goals of our 'Environmental Vision 2050' initiative include:



1. Reduction of CO2 emissions by 90% across the entire product lifecycle
2. Inclusion of all products in the resource, reuse and recycling loop
3. Reduction of direct CO2 emissions by 90% and elimination of global warming gas emissions other than CO2
4. Restoration and preservation of biodiversity as a member of the ecosystem, together with local communities

ICON GLOSSARY



Auto status back



Interchangeable interface



Remote maintenance



Auto cutter



Display



MICR

*1 Source: Interconnection Consulting, 2010

*2 Calculated under Epson's test conditions. A life cycle assessment was used to calculate the global warming impact of the product at each phase of its life cycle and express this as a CO2 equivalent. The life cycle includes material & product manufacturing, transport, use by customer (assumed 5-year usage), and disposal/recycling of end-of-life products, but not paper used. Total power consumption is calculated based on 300 receipts per day, with printer power on for 16 hours/day and off for 8 hours/day for 365 days/year. CO2 emissions and power consumption will differ depending on customer printer use.

*3 Top margin, line space, line feed and barcode height reduction functions

*4 Only mass production since Jan. 1998

*5 Worldwide sales volume, IDC

*6 Futuresource Consulting Ltd

*7 On DNF model

*8 On NF model – shown on page 28

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

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