

## Powerful Performance for Great Efficiency: the Dot Matrix Printer EPSON TM-U220

One printer, three paper widths – the TM-U220 is the first in the family of EPSON dot matrix printers to boast this new feature. Whereas its predecessor model, the TM-U210, could take only one paper width, the TM-U220 type B & D provide the option of using paper reels 58, 70 or 76 mm wide. This means not only greater flexibility, but possibly also hard cash for the user. That's because big retail businesses with several check-outs can cut costs appreciably by using narrower receipt reels.

### The even speedier (s)printer

Speed counts – and that's why EPSON has not only optimised the speed but also the performance of the printer. With a paper width of 76 mm and 40 characters per line, the TM-U220 prints at a speed of 4.7 lines per second. With only 30 characters per line, it even manages up to 6.0 lines per second.

Complicated, time-consuming changing of paper reels is now a thing of the past. Thanks to the new drop-in system, the receipt reel can be changed in a matter of seconds.

The paper cutter offers two options. As required, the user can choose between "full cut" and "one-point-left cut". Whereas "full cut" cleanly cuts off the entire receipt, the "one-point-left cut" leaves one corner still attached to the reel. This feature is particularly useful in the kind of retail sectors where the customer does not usually want the receipt.

Just like the TM-U210, the newcomer optionally features a two-colour ribbon that enables two-colour printing in red and black so that logos and special offers can be highlighted to great effect. Last but not least, the TM-U220 boasts two data memories: the 8 KB user memory and the 128 KB logo memory for faster printing of logos and graphics.

### Good features maintained

As with its predecessors, there will be three versions of the new EPSON TM-U220 dot matrix printer. Version A has an automatic cutter and journal function, while version B only features the automatic cutter. Version D is the most affordable option, featuring neither function. Wherever the TM-U220 is used – in the gastronomic or hotel trade, specialist and retail trade or in the public sector – users can select the version best suited to their individual requirements. For wall mounting the TM-U230 is recommended.

Compatibility is also assured. Anyone wishing to replace the TM-U210 with the TM-U220 can do so without any problems? and without having to adapt the cash register software to the new receipt printer.



*TM-U220A with journal function and auto-cutter*



*The quick and easy drop-in paperload saves time and avoids customers waiting*



*TM-U220B and D have the same shape but type B has an auto-cutter included*

## Features of TM-U220

## Your Benefit

Robust one-station printer, 3 types in two colours are available	Especially for hospitality, kitchens and many other branches; the best fitting type can be selected
Small footprint	Saves space and gives flexibility
3 different paper widths selectable for type B & D	If the width of the receipt is not so important, paper cost can be reduced by using narrow paper
Easy drop-in paper loading and change of ribbon cassette	Time saving at the POS and error-free change of roll paper as well as a short training period of the cashier staff
Clean printing even in 2-colour mode (7x9 or 9x9 dots)	Gives a professional image to the customer and good readability
Print speed up to 6 LPS at 30 cpl	Saves time at POS during the cash procedure; avoids customer queues in the cash zone
Excellent reliability and low price	TCO are very low
Interface can be exchanged	Gives flexibility for applications of the future; printer can be used for many branches; saves the investment
Auto-status-back function	The printer gives valuable information about status of paper roll, cover and others; reduces programming time and costs
Integrated paper cutter (type A, B)	The sharp cut adds to the clean image of receipt paper; increases reliability because paper dust is avoided
Logo memory included	High printing speed of company logo on each receipt
Excellent MTBF and MCBF values	The high reliability results in a low error ratio and avoids failures of cash systems due to printer problems
Built-in drawer kickout interface to connect up to two drawers	Saves an additional interface for the cash drawer within a system; Two drawers make handling of different currencies easy
Available in two colours	Fits to most of the actual types of registers
Supports ESC/POS operating system; the standard code for POS-printers	Ensures compatibility with all EPSON POS-printers and peripherals; offers flexibility for future expansions
Compatible with predecessor TM-U210	No Softwareupdate needed (if 76mm paperwidth is selected)
Free-of-charge OLE/POS - OCX printer software for Windows	OCX printer software for application development support reduces the time period for application development
An EPSON product	The performance of a strong partner, wide experience and support, compatibility to all EPSON peripherals

## Technical data EPSON TM-U220

<b>Print method</b>	Dot matrix, 9-pin
<b>Fonts</b>	7x9 or 9x9
<b>Characters per line</b>	76,0 mm: 42/40/35/33 cpl 69,5 mm: 40/36/32/30 cpl 57,5 mm: 33/30/27/25 cpl
<b>Character size mm</b>	1,2 / 1,6 / 1,7 / 1,9 / 2,0(W) x 3,1(H)
<b>Characters per Inch</b>	17,8 / 16 / 14,5 / 13,3
<b>Interfaces</b>	<ul style="list-style-type: none"> <li>• RS-232 / parallel / USB / Ethernet</li> <li>• cashdrawer</li> <li>• AC-adapter</li> </ul>
<b>Receive Buffer</b>	1 KB or 40 Byte
<b>Logo memory</b>	128 KB
<b>User defined memory</b>	8 KB
<b>Print speed</b>	6 lps at 30 cpl
<b>Paper width receipt</b>	76,0 mm +/-0.5 (type A, B, D) 69,5 mm +/-0.5 (type B, D) 57,5 mm +/-0.5 (type B, D)
<b>Paper width journal (type A)</b>	76,0 mm +/-0.5 (type A)
<b>Paper roll diameter</b>	Max. 83 mm
<b>Inked ribbon</b>	ERC-38, purple, black or black&red
<b>Autocutter</b>	Integrated in type A and B, „full cut“ or „one-point-left cut“
<b>Power consumption</b>	Stand-by: 2,2 W Printing: 31 W
<b>Power supply</b>	AC-Adapter C in the box (PS-180 compatible)
<b>Cashdrawer</b>	2 cashdrawers can be driven
<b>Reliability</b>	MTBF: 180.000 hrs.. MCBF: 18 million lines Autocutter: 800.000 cuts
<b>Dimensions and weight</b>	Typ A: 160 mm (W) x 286 mm (D) x 158 mm (H); 2,7 Kg Typ B: 160 mm (W) x 248 mm (D) x 139 mm (H); 2,5 Kg Typ D: 160 mm (W) x 248 mm (D) x 139 mm (H); 2,3 Kg
<b>Colours</b>	„EPSON cool white“ or „EPSON dark grey“
<b>Standard features</b>	<ul style="list-style-type: none"> <li>• Journal function (type A)</li> <li>• Autocutter (type A and B)</li> <li>• „Drop-in“ paperload</li> <li>• Integrated 'Auto-status-back' function (ASB)</li> <li>• „Paper-near-end“ sensor, adjustable (type A and B)</li> <li>• „Paper-end“ sensor</li> <li>• AC-Adapter C</li> </ul>
<b>Options</b>	<ul style="list-style-type: none"> <li>• DM-D customer display (connectable by UB-S09 interface)</li> </ul>
<b>EMI standard</b>	CE mark, EN55022 class B, EN55024
<b>Safety standard</b>	EN60950