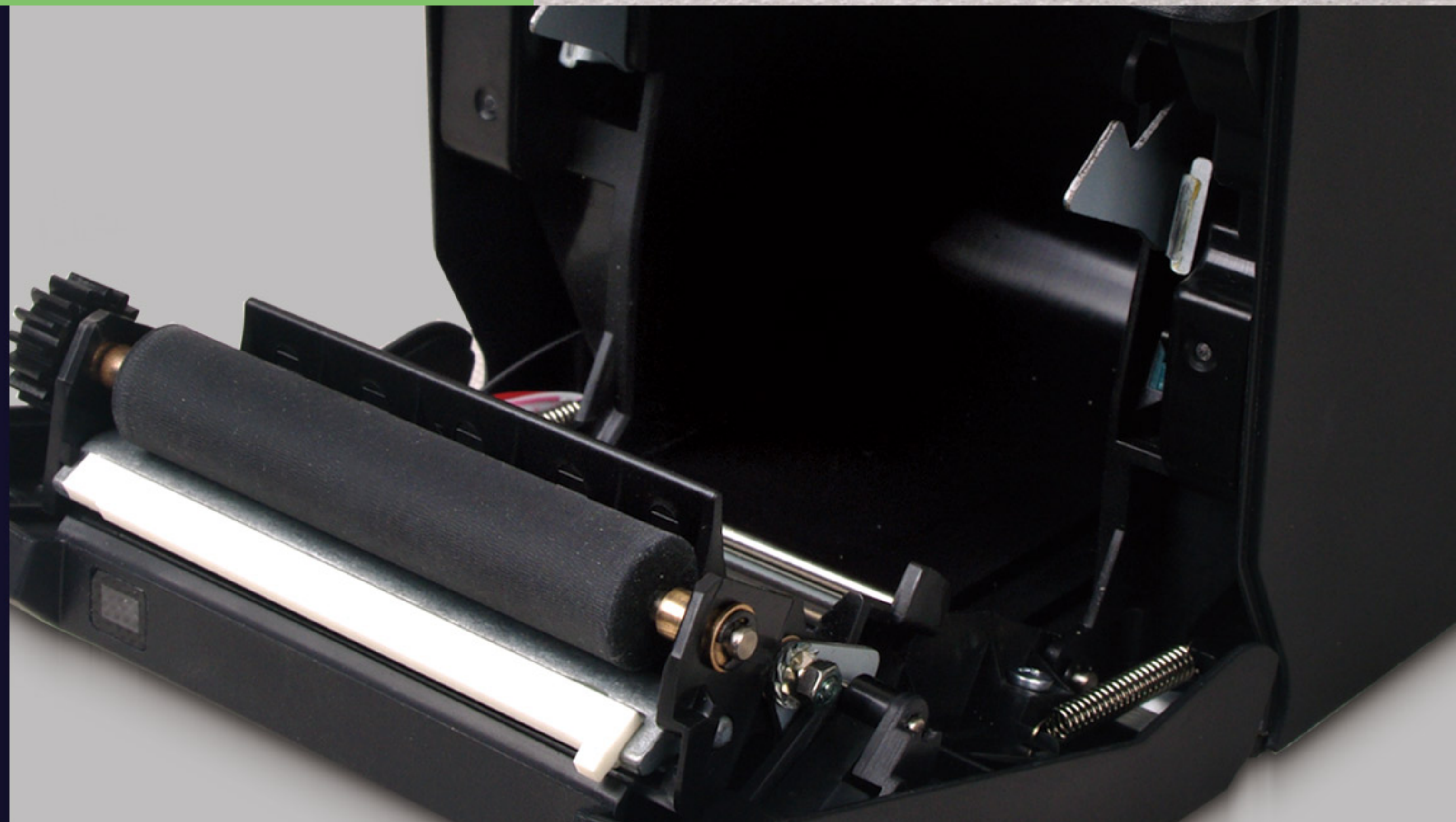
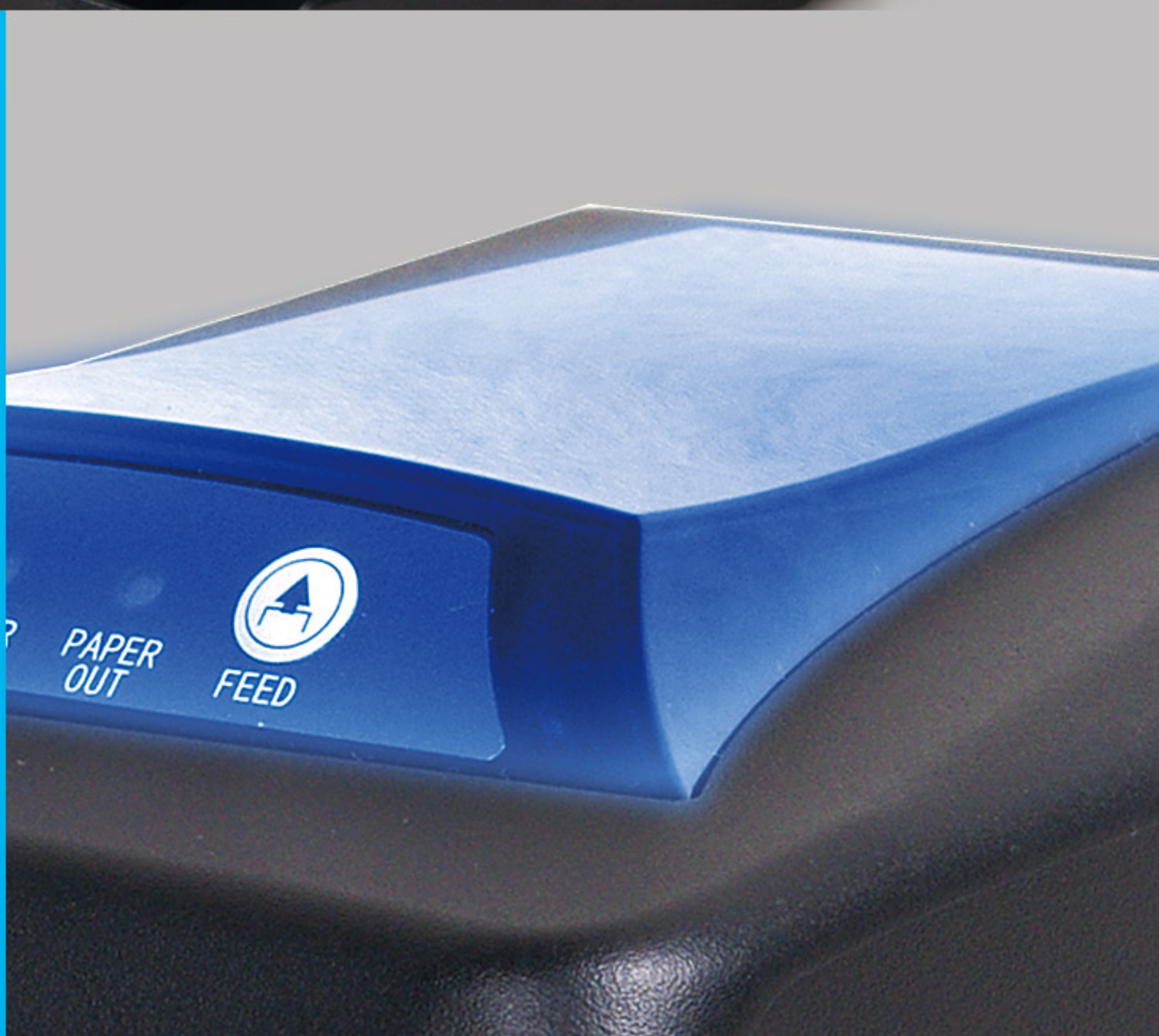


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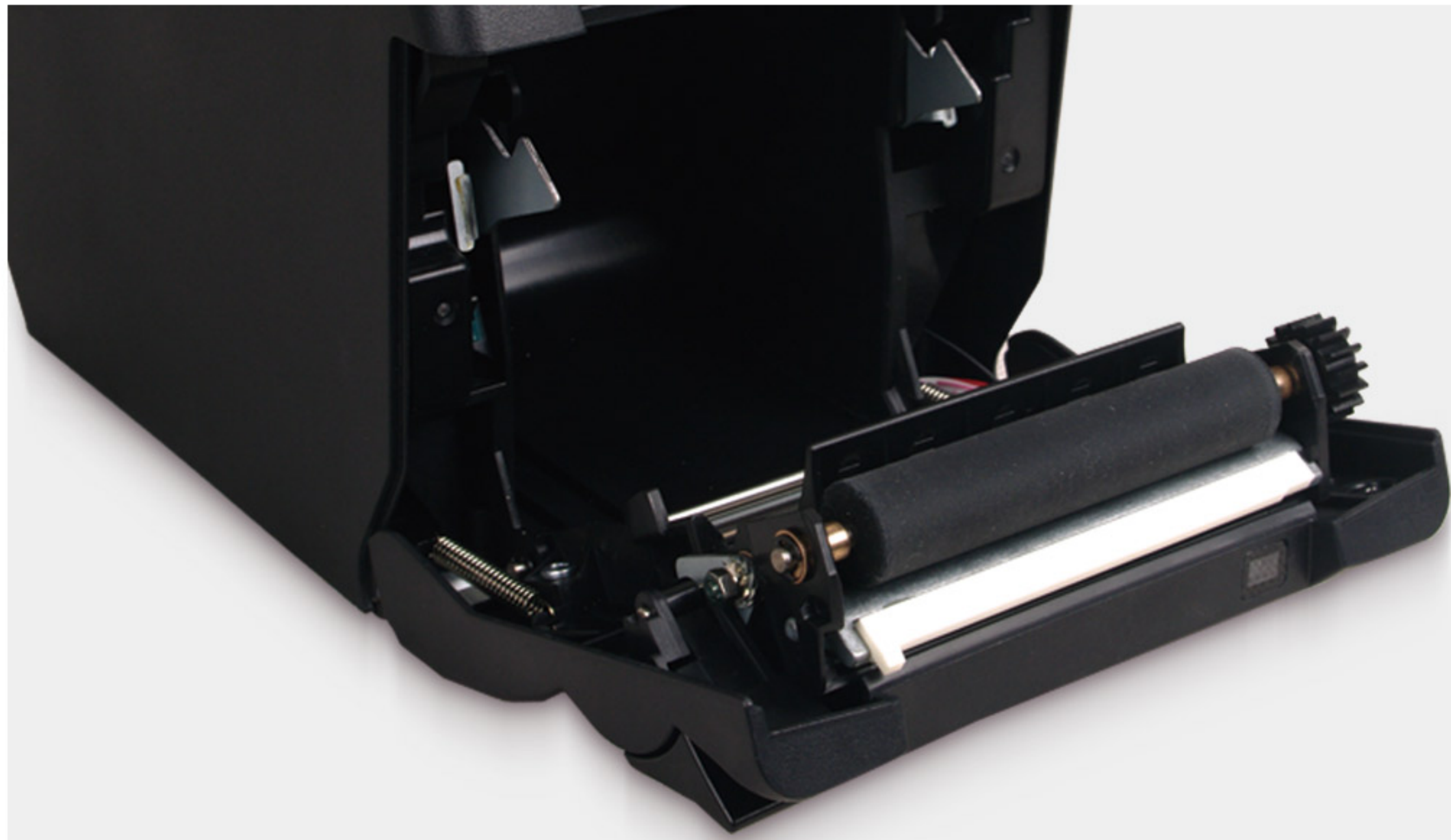
Thermal
Receipt Printer

High Speed
&
High Performance



TP860





TP860

High Speed & High Performance
Thermal Receipt Printer

Item	Description	
Printing method	Thermal line printing	
Paper feed mode	Unidirectional with friction feed	
Paper eject direction	Eject from top	
Dot density	640 dots/line (203×203 DPI)	
Printing width	Max:80 mm, 640 dots	
Print speed	Max: 300 mm/s	
Paper feed speed	Max: 300 mm/s	
Line spacing	3.75 mm	
Print head life	150 Km, 1X10 ⁸ pulse	Note: The instructions are all under the laboratorial measurements with specified paper.
Cutter life	1.5 million cut	
Paper thickness	0.065 ~ 0.14 mm	
Paper specification	Thermal roll paper model	TF50KS-E (Japan paper co.ltd) AF50KS-E (JUJO THERMAL)
	Width: 79.5 ±0.5 mm ; 69.5 ±0.5 mm ; 57.5 ±0.5 mm	
	Weight : 53 ~ 80 g/m ²	
	Maximum diameter: Φ83 mm	
	Paper thickness: 0.065 ~ 0.14 mm	
	Note: The inner diameter of paper shaft is Φ12 mm and the outer diameter of paper shaft is Φ18 mm.	
Character set	ASCII: 13 international character sets	
Interface	This printer can be equipped with the following interfaces: Parallel interface: Centronics USB interface: 2.0 Full-Speed USB interface (2.0 Full-Speed)+ Serial interface (RS-232C, DB9) USB interface (2.0 Full-Speed)+ Ethernet interface (10/100Base-T) USB interface (2.0 Full-Speed)+ Serial interface (RS-232C, Db9) + Ethernet interface (10/100Base-T) USB interface (2.0 Full-Speed)+ Bluetooth Wi-Fi (802.11b/g/n) USB interface (micro)+ Wi-Fi (802.11b/g/n) Note: 1. Only one of the data interfaces is supplied when leaving the factory. 2. Please take the specific interface as standard.	
Cash drawer interface	RJ-11, 24V (DC)/1A	
Special function	Automatic cutter, Online parameter settings, Online software upgrade	
Input buffer	4 MB	
Control command	ESC/POS Emulation, compatible with STAR Line Mode printing commands	
	Character printing command: Support ANK characters, user-defined characters and enlarged printing of Chinese characters 1~8 times (1-6 times enlarged printing in STAR Line Mode), can adjust character line spacing	
	Dot image printing command: Support different densities dot images and downloading image printing, can save NV bitmap without electricity (Can save LOGO for long)	
	Bar code	Linear bar code: UPC-A, UPC-E, EAN-13, EAN-8, CODE39, CODE128, ITF-25, CODABAR Two-dimension bar code: PDF417, QR CODE

Item	Description	
Power Supply (AC adapter)	IN	Voltage: 100 ~ 240 V (AC) Frequency: 50Hz/60Hz
	OUT	Voltage: 24 V (DC) Current: 2.5 A
Power input	Parameters	Input voltage: 24 V (DC) Current: 2.5 A Warning: Please use the original AC adapter only. Manufacturers have no responsibilities for the problems which are led by using unauthorized AC adapter.
Environmental conditions	Operating environment	Temperature: 5 ~ 35°C Humidity: 25 ~ 80%RH (No condensation)
	Storage environment	Temperature: -40 ~ 55°C Humidity: ≤93%RH (40°C, no condensation)
Weight	Approx. 1.45 kg	
Noise	< 38 dB (A) (ISO7779 standard)	
Physical dimensions	142 mm (width)×200 mm (depth)×147 mm (height)	
Power consumption	① Operating: 40 W; ② Standby: Approximately 3.5 W Note: Only when the product is unconnected with outer power supply, can it achieve zero energy consumption state.	
Code page	ESC/POS (77 kinds) STAR Line Mode (42 kinds)	
Control panel	1 key and 3 LEDs	
Paper type	Thermal roll paper	

Note: All the technical instructions in this user's manual are the laboratorial measurements which are achieved under national standard store and work environment (normal temperature), the measuring paper accords with the specification in this user's manual.

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