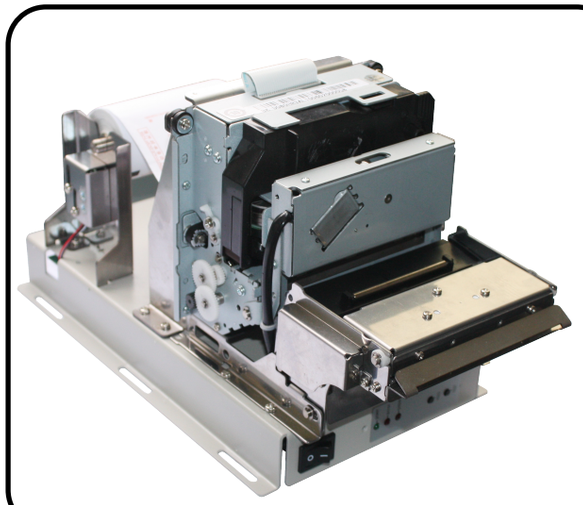
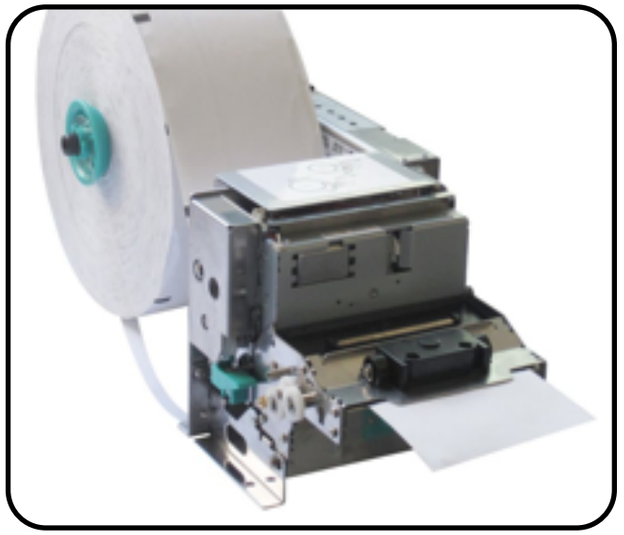
Summer 2016 Technical Catalogue

Züpera® MATSUMOTO





Züpera MATSUMOTO

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Tuesday, August 16, 2016

Index & Overview

Model	Description	Print Method	Print Speed	Ticket Width	Ticket Separation	Media Transport	Interface	Page #
Narrow 56	Thermal Kiosk Printer Anti-Pull/Jam Module LED & Bezel	Thermal	150mm/s	56mm 2.2 inches	Integrated Cutter	Media on Roll	USB + Serial	3
Award 80	**Single/Double Sided** Thermal Kiosk Printer LED & Bezel	Thermal	270mm/s max Single Side 150 mm/s max Double Side	80mm 3.15 inches	Integrated Cutter	Media on Roll	USB + Serial USB + Ethernet	4
Award Max 104	**Single/Double Sided** Thermal Kiosk Printer LED & Bezel	Thermal	200mm/s max Single Side 100 mm/s max Double Side	Adjustable 80 - 104mm 3.15 - 4 inches	Integrated Cutter	Media on Roll	USB + Serial USB + Ethernet	5
Class 80	Thermal Kiosk Printer Anti-Pull/Jam Module LED & Bezel	Thermal	150mm/s	80mm 3.15 inches	Integrated Cutter	Media on Roll	USB USB + Serial	6
Journal Data 80	Thermal Kiosk / ATM Journal Data Printer with Rewinder	Thermal	130 - 150mm/s	80mm 3.15 inches	Journal Data	Media on Roll	USB + Serial	7
Wide A4	Kiosk Printer A4 Document Size Auto Paper Load/Cut/ Presenter	Thermal	125mm/s	A4 Document Size	Integrated Cutter	Media on Roll	USB + Serial Serial + Parallel	8
Ticket Max 62	Kiosk Printer Label / Ticket Auto Peel-Off Module & Rewinder	Thermal	120mm/s	30-62mm 1.18 - 2.44 inches	Manual Tear-Off	Label / Ticket	Serial	9
Impact Max 80	Kiosk Impact Printer Bi Directional Print	Dot Matrix	42 columns 15.6 CPI	57.5 / 69.5 / 80mm 2.26 / 2.73 / 3.15 inches	Integrated Cutter	Media on Roll	Serial USB Parallel	10

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Narrow 56 is the best choice of narrow width thermal printer for self-service applications for receipt / tickets.

Narrow 56 is optimal for printing simplifed receipts in a compact machine terminal or housing structure.

Configurations:

Standard：USB interface

Options: Serial/Parallel, Anti-pull & anti-jam module, LED + Bezel

Certification： CE, CB, UL

Features:

- Open structure and easy maintenance design
- Up to 150mm/s high speed printing with low noise
- Two paper paths, straight and curved
- Large paper roll capacity, up to 254mm diameter
- Easy semi-automatic paper loading
- Three available paper out methods: full cut, partial cut and tear off
- Support marked paper and continuous paper
- Two sensors in paper path so as to detect mark and paper more correctly

Industries : Healthcare , Retail , Gaming Machines , Public Space

Purposeful for : Receipts

Item		Parameters
Print	Print method	Direct thermal line printing
	Resolution	200 DPI
	Print width	Max.56mm
	Print speed	Max.150mm/s
	Memory	SDRAM:2MB, FLASH：2MB(Standard), 4MB(Optional)
	Interface	USB， Serial, Parallel
Barcode & Font	Barcode	1D:UPC-A,UPC-E,EAN8,EAN13,CODE39,CODE93,CODE128, ITF,CODABAR 2D:PDF417,QR,MaxiCode
	Font	Font A(12×24), Font B(9×17), Kanji Font（24×24） Rotate(0°, 90°, 180°, 270°), enlarge(1-6X), emphasize, underline, reverse
Paper	Paper type	Continuous paper, Marked paper
	Paper width	60/58/56/48±0.5mm
	Paper thickness	0.06~0.1mm
	Paper roll OD	Max.254mm
	Paper roll ID	Min.25.4mm
Power supply	Input	100~240V AC,50~60Hz
	Output	24±10%V DC, 2.5A
Reliability	Print head lifetime	≥100Km
	Cutter lifetime	≥1,500,000 cuts
Environment	Operation condition	5～45°C， 20～90%RH（40°C）
	Storage condition	-40～60°C， 20～93% RH（40°C）
Physics Spec.	Dimensions	102(W)×96(D)×54(H)mm, (print mechanism)
	Weight	Approx.0.42Kg(Print mechanism)

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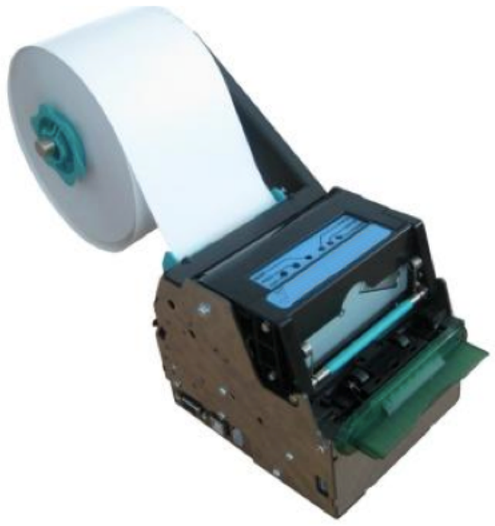

Award 80 is a high-performance single or double sided receipt / ticket thermal service kiosk printer with auto cutter module and presenter. Award is scaleable for easy adjustment from narrow to wide printing, single side or double sided print, for all purposes.

Three Configurations:

Standard：USB + Serial, Presenter, Auto-cutter, Holder (Max 100mm)

Optional：USB + Ethernet, Holder (Max 180mm), Anti-Jam, LED + Bezel

Optional : Single Sided or Double Sided Print

Certification： CE, CB, UL

Features:

- Open structure and easy maintenance design
- Up to 80mm/s high speed printing with low noise
- Two paper paths, straight and curved
- Large paper roll capacity, up to 180mm diameter
- Easy semi-automatic paper loading
- Three available paper out methods: full cut, partial cut and tear off
- Support marked paper and continuous paper
- Two sensors in paper path so as to detect mark and paper

Industries : Healthcare , Retail , Public Space

Purposeful for : Coupon / Voucher , Invoices , Receipts

Item		Parameters
Print	Print method	Direct thermal line printing
	Resolution	203 DPI
	Print width	Max.80mm
	Print speed	Single sided printing: Max.270mm/s Duplex printing: Max.150mm/s
	Memory	SDRAM:8MB/32MB, FLASH:2MB/4MB
	Interface	USB+Serial; USB+Ethernet
Barcode & Font	Barcode	1D:UPC-A,UPC-E,EAN8,EAN13,CODE39,CODE93,CODE128,ITF,CODABAR 2D:PDF417,QR,GS1-DataBar
	Font	Font A(12×24), Font B(9×17), Kanji Font（24×24） Rotate(0°, 90°, 180°, 270°), enlarge(1-6X), emphasize, underline, reverse
Paper	Paper type	Continuous paper, Marked paper, 2ST paper
	Paper width	48~82.5±0.5mm, adjustable continuously
	Paper thickness	0.055~0.1mm
	Paper roll OD	Max.180mm
	Paper roll ID	10~60mm
Power supply	Input	110~240V AC,50~60Hz
	Output	24±5%V DC, 2.5A
Reliability	Print head lifetime	≥100Km
	Cutter lifetime	≥1,000,000 cuts
Environment	Operation condition	0～50°C，20～90%RH（40°C）
	Storage condition	-40～60°C，20～93% RH（40°C）
Physics Spec.	Dimensions	124.6(W)×150(D)×110(H)mm(Without paper holder)
	Weight	Approx.2.0Kg(Without paper holder)

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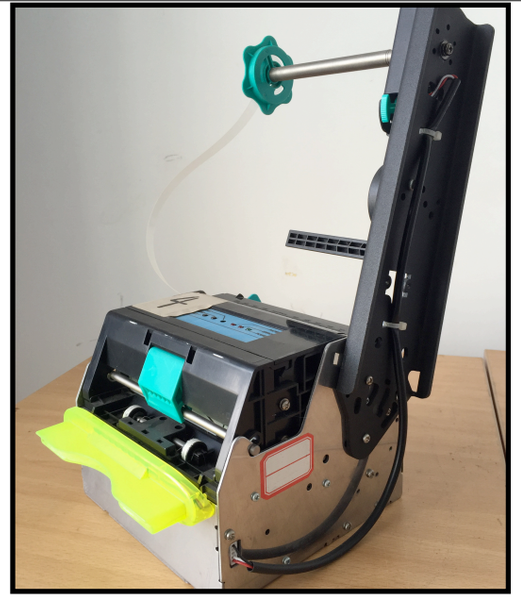

Award Max104 is a high-performance single or double sided receipt / ticket thermal service kiosk printer with auto cutter module and presenter. Award is scaleable for easy adjustment from narrow to wide printing, single side or double sided print, for all purposes.

Three Configurations:

Standard：USB + Serial, Presenter, Auto-cutter, Paper holder

Optional：LED + Bezel

Optional : Single Sided or Double Sided Print

Certification： CE, CB, UL

Features:

- Open structure and easy maintenance design
- Up to 150mm/s high speed printing with low noise
- Two paper paths, straight and curved
- Large paper roll capacity, up to 254mm diameter
- Easy semi-automatic paper loading
- Three available paper out methods: full cut, partial cut and tear off
- Support marked paper and continuous paper
- Two sensors in paper path so as to detect mark and paper

Industries : Healthcare , Retail , Public Space

Purposeful for : Coupon / Voucher , Invoices , Receipts

Item		Parameters
Print	Print method	Direct thermal line printing
	Resolution	203 DPI
	Print width	Max.104mm
	Print speed	200DPI: Single sided printing: Max.200mm/s 200DPI: Duplex printing: Max.100mm/s 300DPI: Single sided printing: Max.150mm/s 300DPI: Duplex printing: Max.75mm/s
	Memory	SDRAM:8MB, FLASH:2MB/4MB
	Interface	USB+Serial; USB+Ethernet
Barcode & Font	Barcode	1D:UPC-A,UPC-E,EAN8,EAN13,CODE39,CODE93,CODE128,ITF,CODABAR 2D:PDF417,QR,GS1-DataBar
	Font	Font A(12×24), Font B(9×17), Kanji Font（24×24） Rotate(0°, 90°, 180°, 270°), enlarge(1-6X), emphasize, underline, reverse
Paper	Paper type	Continuous paper, Marked paper, 2ST paper
	Paper width	79.5~112±0.5mm, adjustable continuously
	Paper thickness	0.055~0.1mm
	Paper roll OD	Max.260mm
	Paper roll ID	18~60mm
Power supply	Input	100~240V AC,50~60Hz
	Output	24±5%V DC, 1.9A
Reliability	Print head lifetime	≥100Km
	Cutter lifetime	≥300,000 cuts
Environment	Operation condition	0～45°C，20～90%RH（40°C）
	Storage condition	-40～60°C，20～93% RH（40°C）
Physics Spec.	Dimensions	179.9(L)×156.4(W)×121(H)mm(Without paper holder)
	Weight	Approx.2.2Kg(Without paper holder)

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CLASS 80

Configurations:

Standard: USB + Serial

Optional: USB, Anti-pull & anti-jam module, LED + Bezel

Certification: CE,CB

Features:

- Specially designed for unattended printing applications
- High-speed printing(150mm/s)
- Paper roll up to 180mm
- Auto paper loading/auto cutter
- Modular design, easy to use and maintain

Ideal for a number of self-service applications, the affordable Class 80 Series kiosk printers fit anywhere and require less maintenance than other more expensive kiosk printers.

Industries : Healthcare , Retail , Public Space

Purposeful for : Coupon / Voucher , Invoices , Receipts

Item		Parameters
Print	Print method	Direct thermal line printing
	Resolution	203 DPI
	Print width	Max.80mm
	Print speed	Max.150mm/s
	Memory	SDRAM:2MB, FLASH：1MB(Standard), 2MB/4MB(Optional)
	Interface	USB, USB + Serial
Barcode & Font	Barcode	1D:UPC-A,UPC-E,EAN8,EAN13,CODE39,CODE93,CODE128, ITF,CODABAR 2D:PDF417,QR,MaxiCode
	Font	Font A(12×24), Font B(9×17), Kanji Font（24×24） Rotate(0°, 90°, 180°, 270°), enlarge(1-6X), emphasize, underline, reverse
Paper	Paper type	Continuous paper, Marked paper
	Paper width	48~82.5mm, adjustable continuously
	Paper thickness	0.06~0.1mm
	Paper roll OD	80~180mm
	Paper roll ID	18~60mm
Power supply	Input	100~240V AC,50~60Hz
	Output	24±10%V DC, 2.37A
Reliability	Print head lifetime	≥150Km
	Cutter lifetime	≥1,500,000 cuts
Environment	Operation condition	0～50°C, 20～90%RH（40°C）
	Storage condition	-40～60°C, 20～93% RH（40°C）
Physics Spec.	Dimensions	100(W)×157(D)×123(H)mm, (print mechanism)
	Weight	Approx.1.7Kg

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Journal Data 80 is an embedded journal logger thermal printer with rewinder.

Purposeful for : Suitable for data recording applications, such as self-service and kiosks reports, general reports, alarm reports, and electronic journals.

Features:

- Specially designed for unattended printing applications
- High-speed printing, Paper width: 80mm
- Modular design, easy to use and maintain
- Rewinder module adopt to gear driving method

Item		Parameters
Print	Print method	Direct thermal line printing
	Resolution	203 DPI
	Print width	Max.80mm
	Print speed	130～150mm/s （Default configuration: 130mm/s）
	Memory	FLASH：2MB(Standard)
	Interface	USB， Serial， USB+Serial
Barcode & Font	1D Barcode	UPC-A,UPC-E,EAN8,EAN13,CODE39,CODE93,CODE128,ITF, CODABAR
	Font	Font A(12×24), Font B(9×17), Kanji Font（24×24） Rotate(0°, 90°, 180°, 270°), enlarge(1-6X), emphasize, underline, reverse
Paper	Paper type	Continuous paper
	Paper width	79.5±0.5mm
	Paper thickness	0.06~0.1mm
	Giving out paper roll OD	Max.130mm
	Giving out paper roll ID	12mm～25.4mm
	Retrieving paper roll OD	Max.136mm
Power supply	Input	100~240V AC,50~60Hz
	Output	24±10%V DC, 2.5A
Reliability	Print head lifetime	≥100Km
Environment	Operation condition	5～45°C， 20～90%RH（40°C）
	Storage condition	-40～60°C， 20～93% RH（40°C）
Physics Spec.	Dimensions	137(W)×300(D)×200(H)mm
	Weight	Approx.2.12Kg

Wide A4 is an A4 high-end embedded thermal printer with auto-cutter and presenter.

Certification: CE, CB

Features:

- Specially designed for unattended printing applications
- High-speed printing
- Paper roll up to 203mm
- Auto paper loading/auto cutter/presenter
- Modular design, easy to use and maintain
- Flexible paper roll positions(vertical/horizontal)

The rugged Wide A4 kiosk printer prints A4 or letter-size paper on demand for unmatched reliability and enhanced customer satisfaction.

Industries : Healthcare , Transfportation , Retail , Manufacturing

Purposeful for : Gift Registry , Loyalty Programmes , HR Forms , Health Information Wayfinding / Trip Planner

Item		203DPI	300DPI
Print	Print mode	Line thermal	Line thermal
	Resolution	203DPI	300DPI
	Print width	Max.216mm （8.5 "）	Max.216mm （8.5 "）
		Max.1728 dots	Max.2560 dots
	Print length	Max.305mm Min.82.5mm	
	Print speed	Max.125mm/s	Max.100 mm/s
	Memory	8MB SDRAM 1MB/2MB/4MB Flash	
	Black mark detection	Photo sensor	
	Driver	Windows Driver（WIN98/ NT/2000/XP/2003/VISTA） Windows XP Embedded	
	Communicate interface	Serial +USB/Serial + Parallel	
	BUNDLER speed	≥200mm/s	
	BUNDLER capability	≤10 pages	
Barcode Fonts Graphics	Barcode	1D: UPC-A, UPC-E, EAN 13, EAN 8, CODE 39, CODE 93, ITF, CODABAR, CODE128 2D: PDF417, QR	
	Fonts	English font 0：12×24 English font 1：9×17 Big fonts ：24X24	English font 0：18×34 English font 1：13×24 Big fonts ： 36 X36
		When use big fonts, user can select one of following: Simple Chinese(GB2312), Simple Chinese (GB18030), Traditional Chinese, Korean, Kanji.	
	Character modification	Underline, emphasize, rotate（0^0、90^0、180^0、270^0）, reverse, enlarge（1-6 times）	
	Graphics	BMP bitmap can be downloaded to RAM or FLASH	
Paper	Paper type	Continuous paper/ Marked paper/ Fanfold paper	
	Paper thickness	0.06~0.10mm	
	Paper OD	203mm	
	Paper ID	25.4mm or ≥50mm	
Power supply	Input	AC 220V±5%， 50/60Hz	
	Output	DC 24V， 2.5A	
Environment	Operating	5°C to 45°C, 20% to 90% RH（40°）	
	Storage	-40°C to 60°C, 20 to 93% RH（40°）	
Reliability	Print head lifetime	≥50km	
	Cutter lifetime	500,000 cuts	
Physics spec.	Dimensions （W×H×D）	294mm×213mm×97mm(Without paper holder)	
	Weight	Approx. 6kg(Without paper holder)	

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Ticket Max 62 printer is an 56mm embedded printer equipped with an auto-peel off module and a rewinder.

Configuration: Serial (standard)

Certification: CE,CB

Features:

- High-speed printing
- Automatic peel off / rewinding
- Auto paper calibration
- Supports 30~62mm paper width
- Supports label/continuous/marked paper
- Easy and fast paper loading

Item		Parameters
Print	Print method	Direct thermal line printing
	Print width	Max.56mm
	Print speed	120mm/s
	Interface	Serial
Paper	Paper type	Continuous paper, thermal label paper
	Paper width	30~62mm
	Paper thickness	0.06~0.16mm
Barcode	1D Barcode	UPC-A,UPC-E,EAN8,EAN13,CODE39,CODE93,CODE128,ITF,CODABAR
Characters	Type	Font A(12×24), Font B(9×17), Simple Chinese（24×24）
Power supply	Input	100~240V AC,50~60Hz
	Output	24±5%V DC, 2.5A
Reliability	TPH lifetime	≥50Km
Environment	Operation condition	5～45°C，20～90%RH（40°C）
	Storage condition	-40～60°C，20～93% RH（40°C）
Physics Spec.	Dimensions	272.5(W)×105(D)×140(H)mm
	Weight	Approx.1.5Kg

Ideal for a number of self-service applications, the affordable Label Ticket kiosk printer fit anywhere and require less maintenance than other more expensive kiosk printers.

Industries : Retail , Recreational / Amusement Parks / Cinemas , Manufacturing , Transportation / Highway Toll

Purposeful for : Tickets / Labels Coupon / Voucher , Invoices , Receipts

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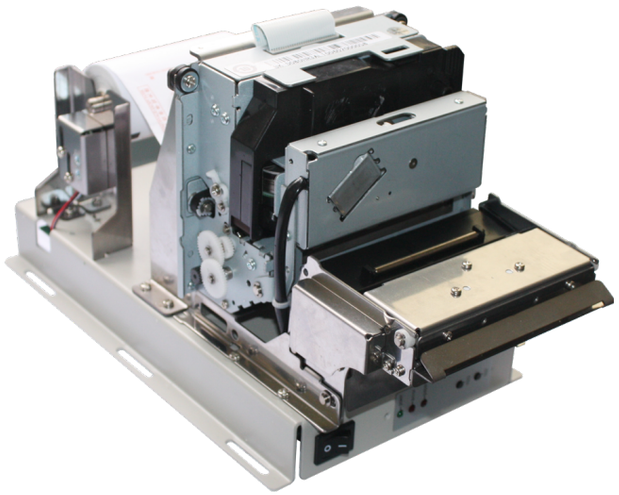
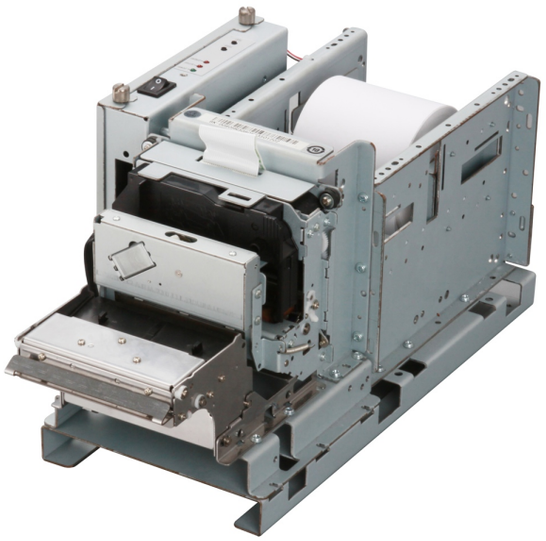
Impact Max 80 is a high-performance kiosk impact printer with auto-cutter and presenter.





Configurations :

Standard: Serial, paper holder (Horizontal or Vertical),cutter

Optional: USB, Parallel

Features:

- Bi-directional print
- Supports continuous and marked paper
- Various paper width range
- Supports multi-layer paper
- Support various interfaces
- Customized paper holder

Item		Parameters
Print	Print method	9-pin serial impact dot matrix
	Print width	420 half dots / 210 full dots (MAX)
	Print speed	4.0LPS(42columns, 15.6CPI)
	Memory	FLASH：1MB(Standard),2MB/4MB(Optional)
	Interface	Serial, Parallel, USB
Font	Font	Font A(9×9), Font B(7×9) Rotate(0°, 180°), enlarges(1-2X)
Paper	Paper type	Continuous paper, Marked paper
	Paper width	57.5/69.5/76/80±0.5mm
	Single layer thickness	0.06~0.085mm
	Multi-layer thickness	0.05~0.08mm, total thickness≤0.14mm
	Paper roll OD	Max.150mm
Power supply	Input	100~240V AC,50~60Hz
	Output	24±10%V DC, 1.5A
Reliability	Print head lifetime	150,000,000 characters
	Cutter lifetime	1,000,000 cuts
Environment	Operation condition	5～45°C，20～90%RH（40°C）
	Storage condition	-40～60°C，20～93% RH（40°C）
Physics Spec.	Dimensions	152(W)×273(D)×160(H)mm(With standard horizontal paper holder)
	Weight	Approx.2.0Kg

This compact, low-maintenance impact kiosk printer save your customers time by quickly printing high volumes of boarding passes, bag tags, tickets, bag passes and more.

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