

MATRIXCUT

# ROLL LABEL CUTTER



**MXC-RL30**

LABEL CUTTER

# Source of Digital Solutions...

MATRIXCUT

**MXC-RL30**  
**Roll Label Cutter**



Digital Star Qatar has been leading the digital scene in Doha for over 10 years, as suppliers and distributors of signage, advertising and LED solutions. Our commitment to providing the best quality machinery and top-notch technology from around the world has enabled us to set new and improved standards in sign and digital printing industries. DSQ has developed into a true trendsetter and a reliable destination for customers seeking exhaustive custom and wholesale solutions. From sign makers, digital print houses, POS/POP makers, retail fit-out companies, to exhibition stand builders, construction companies and glass and aluminum fabricators industries, we promise to take your business to unprecedented levels



# PRODUCT OVERVIEW

## ROLL LABEL CUTTER

The MATRIX MXC-RL30 is the smart economical solution of digital label die cutting for roll materials. Perfect for small batch label finishing, as well as pre-press sampling. The MXC-RL30 allows label producers to die-cut labels with ease. It helps companies who are using pre-cut materials to save money by switching to continuous materials. Easy learning software will allow you to be up and running in minutes.

## HOW IT WORKS...

The dedicated software Label Studio will generate the layout and create the marks automatically on design files, the corresponding print file will be produced by appropriate rotary printing system. Once loaded, the MXC-RL30 will precisely plot all elements from the individual contours. It achieves much higher speed than regular cutting plotters due to special inline technology of the registration mark, thus offers high performance labels. With automatic waste-removal system, finished labels and cutting waste will be re-winded separately. A roll of ready-cut labels available for use in further conversion and application processes.

## CONVENIENT AND FLEXIBLE USE

Cutout stickers and labels on virtually any substrate. Using registration marks, MXC-RL30 is able to digitally die cut any file. Compact size and extremely quiet cutting allow it to be used in any environment. Saving money by switching from pre-cut label material to die cutting after printing.

## EASILY UPGRADE YOUR BUSINESS

MXC- RL30 is compatible with any roll printer. And its incredibly user friendly software makes loading your image & creating a cut-line extremely fast and simple.

## PERFECT FOR SHORT-RUN LABEL PRODUCTION

Featuring inline cutting and matrix removal, MXC-RL30 is the perfect choice for short run label production.

## APPLICABLE FIELD

The device is suitable for processing all kinds of paper labels and film labels such as ink labels, chemical labels, tea labels, coffee labels, beverage labels, bottled water labels, cosmetic labels, home appliance labels, toiletries labels, gum label, wine labels and more.

COMPATIBLE MATERIALS INCLUDE stickers, glossy paper, PET, PP, PVC, wall paper and so on.

## MARKETING POSITION

MXC-RL30 is the perfect roll to roll label die cutter for small batch label production, as well as pre-press sampling. Great choice of small and medium label production shops and many others.

## DETAILS DESCRIPTION



### STEEL THORN AND ROLLER PINCH

The machine is equipped with steel thorn which can fix media effectively to avoid any sliding & ensure the feeding precision. The distance between each roller can be adjusted to fit for different size media.



### RED LIGHT OPTICAL SENSOR

Adopted with advanced registration mark system, the optical sensor will scan the special marks which generated by the label studio software, then feedback to main board. Thus, device will cut accordingly.



### LABEL STUDIO SOFTWARE

The software generates layout and create marks automatically on design works, then printing files & cutting files will be saved correspondingly. The distance from mark points to the edge can be set as only 3mm, to save material a lot.



### TOUCH SCREEN CONTROL PANEL

Through the professional UI design, Matrix has developed & integrated the touch screen control panel system, which makes the operation more convenient and user-friendly.



### WEB TENSION CONTROL SYSTEM

With special designed web tension control system, the media is regulated tightly to ensure precisely and fast cutting.



### WASTE-REMOVAL SYSTEM

With equipped a discharge system, operator can easily control waste-removal function by pressing two buttons ON/OFF. Therefore, providing easier further labeling process.



### FAN INHALING HOLE

It can absorb the material to the machine tightly, ensure the sensor scanning the mark point more convenient to achieve high precision.



### MEDIA FIXTURE

Special for fixing the media on the correct position without shift.



### USB CABLE SLOT

Fix the USB cable, to avoid accidental sliding.



### EMERGENCY BUTTON

When the device encounters any problems during working, press this button at the first time, it will stop working immediately.



### REAR COOLING HOLES

The rear cooling holes not only ensures the heat dissipation of electrical components, but also makes the appearance of the machine more eye-catching.



### DISC FIXING MATERIAL

The paper is fixed in the middle of two disks by using double disc to fix the paper, so as to ensure that the paper is not offset in the process of cutting.



### TOOL STORAGE GROOVE

A tool storage slot is designed on the top of the cover plate of the machine head, which is used to place small objects such as knives, convenient to use.

# PRODUCT SAMPLES



BLANK LABELS



INK LABELS



TOILETRIES LABELS



NAME PLATE



IDENTIFICATION LABELS



RED WINE LABELS



DUMB GOLD PAPER

# TECHNICAL SPECIFICATION

## Model: MXC-RL30 Roll Label Cutter

Working Mode	Roll to Roll
Software	Label Studio
Control Panel	Touch Screen Control Panel
Max.Media Width	340mm
Roll Width/ Diameter	Width: 100-320mm; Diameter: 250mm
Max. Cutting Width	300mm
Max. Blank Cutting Label Size	300x200mm (for non-printed media)
Max.contour Cutting Size	280x200mm (for printed media)
Max. Cutting Speed (Straight-line)	37.8"/s (960mm/s)
Max. Down Force	750g (3g/step)
Mechanical Resolution	0.0125
Repeating Precision	<+-0.08mm
Drives Control	servo
Interface	USB



CPU	64 BIT DSP 32M flash
Noise	35 DB or less
Ambient Temperature	5-35 degrees
Support File Format	HPGL Commands
Machine Power	150w
Machine Dimensions	140*68*65cm
G.W / N.W	110/75kg (154.3lb/121.3lb)
Packing Size	145x80x80cm/0.93cbm



# ROLL LABEL CUTTER

# TERMS AND CONDITIONS

1. Payment to be made in QR currency.
2. Payment Terms: As mentioned in Quotation.
3. Bank Details:

Bank Name	Branch	Beneficiary Name	Acc #	Swift Code
Qatar Islamic Bank	Al Khour Branch	Digital Star Qatar	0111453200015	QISB - QAQA
IBAN: QA16QISB000000000111453200015				

4. Bank Charges: Any bank charges relevant to the above transactions will be to your account.
5. Any charges, duties, taxes or levies at the ports of entry will be to our account.
6. The charges of loading, boarding and local conveyance of the technician will be to our account.
7. Any required electrical, mechanical & civil site preparation should be done by the customer according to our engineer's requirements.
8. Digital Star Qatar will not be held responsible for delays caused by any damage in the equipment due to shipment, unloading accidents and any related reasons, which is beyond our control.
9. The warranty will be 12 months from the date of installation from Digital Star Qatar. Wear and tear, consumables are exempted & warranty can be claimed only if you use the Services from Digital Star Qatar.

10. Service will be free of cost within 12 months from the date of installation.
11. Any claim will be invoice directly to you then we will send for claiming procedure which will take 45-60 days, if the claim got approved credit note will issued directly.
12. Quotation will be valid for 7 days from here on.
13. Delivery: As mentioned in quotation

# DIGITAL STAR QATAR

## ديجيتال ستار قطر

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