

DYE  
SUBLIMATION  
PAPER  
TRANSFER

# CALENDAR

## Roll to Roll Heat Press



Authorized Distributor:

**DIGITAL STAR QATAR**  
ديجيتال ستار قطر

**Matrix-Tex**  
CREATE WITH CONFIDENCE

# About Digital Star

## Source Of Digital Solutions

Digital Star Qatar has been leading the digital solution in Doha, for more than 10 years as a supplier and distributors for the digital sector. Our commitment to providing the best quality machinery with advanced technology, which can help your business to expand more with successful outcomes.

The world has enabled us the opportunity to set ultra-standards in signages and digital printing industries. DSQ has developed into a true trendsetter and a reliable destination for customers seeking wholesale solutions. We help the sectors like sign makers, digital print houses, POS/POP makers, fit-out companies, event managements, and glass & aluminium fabrication industries. we promise to take your business to stand head.

Roll to Roll



## GENERAL INFORMATION AND HIGHLIGHTS

**Matrix-Tex** New Multifunctional Oil Heating MTX series Rotary Thermal Transfer Machine has been specifically designed to meet the increasing demand for cut piece digital printing. This is one roll to roll heat transfer printing machine that makes transferring any large job quick and easy. It is an inexpensive, easy to manage solution for all your dye sublimation paper transfer applications. This rotary heat transfer machine can be used for transferring on continuous or roll materials.

The new oil heating system guarantees a uniform heat distribution across the width of the drum with a minimum of energy consumption. This system uses 50% less energy than electrically heated presses. Matrix-Tex Calender rotary heat press is ideal for transferring high quality images onto polyester fabrics, image Roll-to-Roll and cut sheet applications such as dye sub banners, soft signages, displays, cut and sew dye sub, sportswear, fitness garments and more.

### 44" & 68" CALAENDER ROLL TO ROLL HEAT PRESS

- All steel component construction
- Temperature accuracy is controlled by thermocouple. ensuring consistency during the entire transfer process.
- Durable driving belt (230C high temperature resistant)
- Easily mechanically adjusted driving belt without the need of air compressor
- Digital controllers and heat couplings for year on year stability



# 44"/68" CALENDAR ROLL TO ROLL HEAT PRESS

**Siz Mandrels:** 3 for feeding and 3 for take-up after sublimation

**Integrated sports tables:** Allows cut piece and roll-to-roll transfer applications.

**Spring Loaded Take-Up Mandrels:** No tools are required to load or remove media from the calander

**Take-up mandrels speed Controller:** Easy to adjsut the collecting speed of take-up mandrels accordingly to the belt speedcalander

**Belt Speed Controller:** Easy to adjust the speed of belt

**Forward & Reverse Button:** If feeding with problem, you can turn the button to REV, then the material will retuen saftly

**Tension Handle:** Easy and Quick to control the tension between the blanket and oil drum: When press it down tension is big and blanket is tight: When press it up, blanket is seperate.

**Adjusting Rod:** Easy to adjust the tension and position of blanket.

**Automatic Cool Down:** After you turn of the "Power" and "Heat", the machine will cool down automatically (factory setting is cool down for 2 hours)

## SUBLIMATION APPLICATION

TEXTILES | FURNISHING | FASHION | SPORTSWEAR | PROMOTIONAL | FILMS

**ROLL to ROLL:** calenders for printing continuous and reel-wound materials

**PIECE to ROLL:** special calenders capable of operation in both modes (material in cut pieces and/or in rolls)



# APPLICATION SAMPLES

01 PRINTED CARPET



02 DECORATIVE CLOTH



03 FASHION APPAREL



04 SPORTWEAR



05 ALL KINDS OF CLOTH



06 FLAGS



## PRODUCT SPECIFICATION

MACHINE MODEL	MTX-44	MTX-68
Max. Working Width	44" (1200mm)	68"(1730mm)
DIA of Drum	Ø7.8"(200mm)	Ø9.8"(250mm)
Max. Temperature	392°F(200°C)	
Heating Elements	1	
Heating Media	Thermal Oil	
Controller	Digital Temperature & Time Control	
Max. Feeding Speed	0-1100mm/min	0-1200mm/min
No. of mandrels included	6 mandrels   3 feed   3 take-up	
Max. material roll dimension	350mm	
Max. roll weight	45kg	
Voltage	220VAC 50HZ Single Phase	220VAC 50HZ Three Phase
Current	27A	30A
Power	6KW	11KW
Noise Level	30DB	30DB
Net/Gross Weight	450kg/	/
Machine Size	1630*976*1315mm	2300*1272*1505mm
Packing Size	1830*1190*1630mm	2480*1440*1830mm

\*Specifications, Machine Color, Machine Structure(or Design) are subject to change without prior notice, all rights reserved.



## 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 and 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 and warranty can be claimed only if you use the Inks and 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. Delivery: As mentioned in quotation

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