

DYE
SUBLIMATION
PAPER
TRANSFER

CALENDAR

Roll to Roll Heat Press



Authorized Distributor:

شركة النجم الرقمي للألات و المعدات
DIGITAL STAR MACHINERY AND EQUIPMENTS

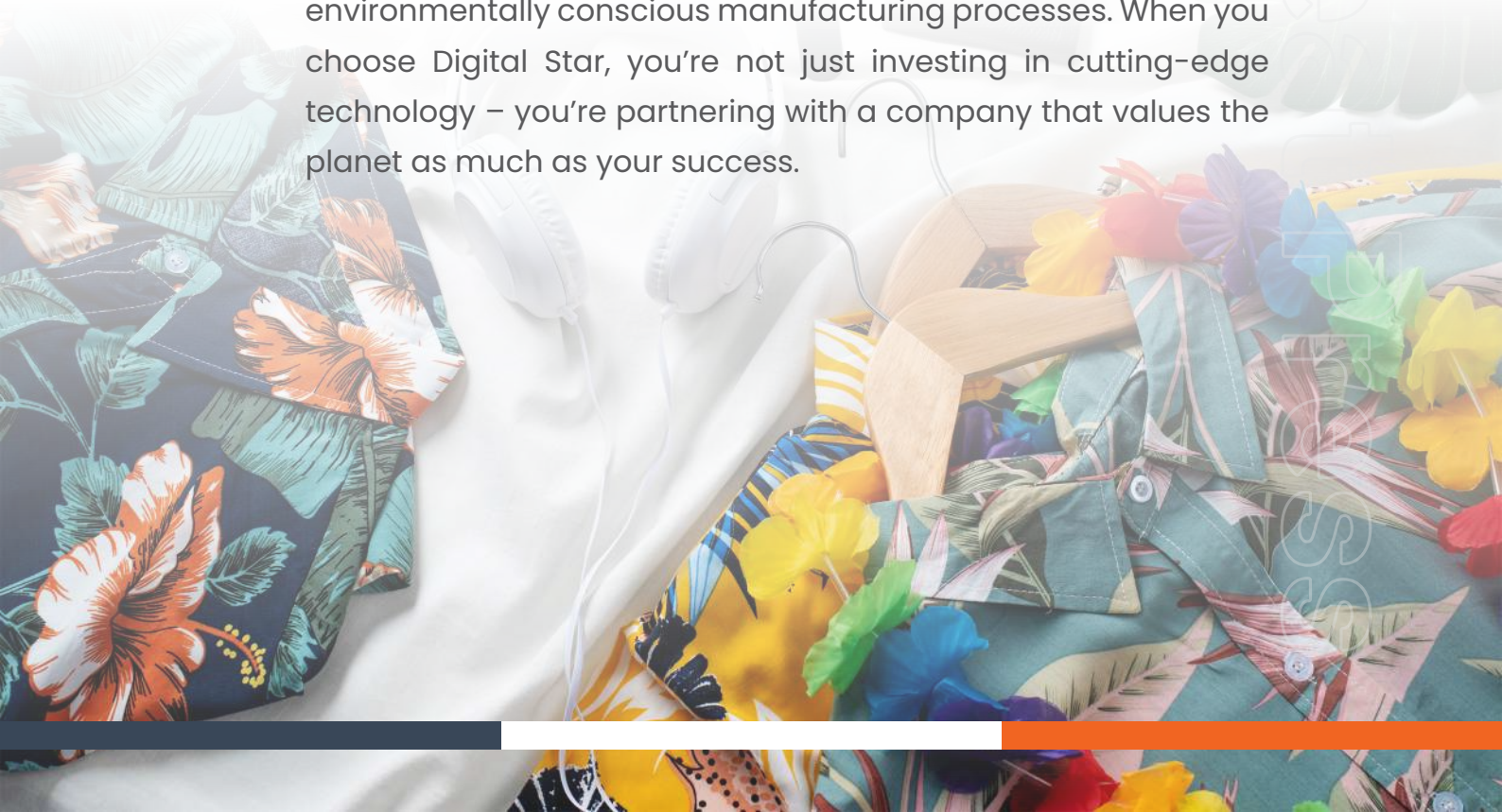
Matrix-Tex
CREATE WITH CONFIDENCE

Source Of Digital Solutions

Welcome to Digital Star, your trusted partner in the world of cutting-edge printing solutions. As a leading printing machines, materials, and ink authorized dealer in Riyadh – Saudi Arabia (KSA), we pride ourselves on delivering state-of-the-art technology that empowers to achieve unparalleled levels of efficiency and quality.

At Digital Star, we understand the pivotal role that printing machinery plays in the success of your operations. With a commitment to innovation and excellence, we curate a diverse range of top-tier printing machines to meet the unique needs of our clients. Our product line-up reflects the latest advancements in the industry.

As a responsible printing machines supplier, we prioritize sustainability. Our commitment to eco-friendly practices is reflected in the products we offer, promoting energy efficiency and environmentally conscious manufacturing processes. When you choose Digital Star, you're not just investing in cutting-edge technology – you're partnering with a company that values the planet as much as your success.



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.

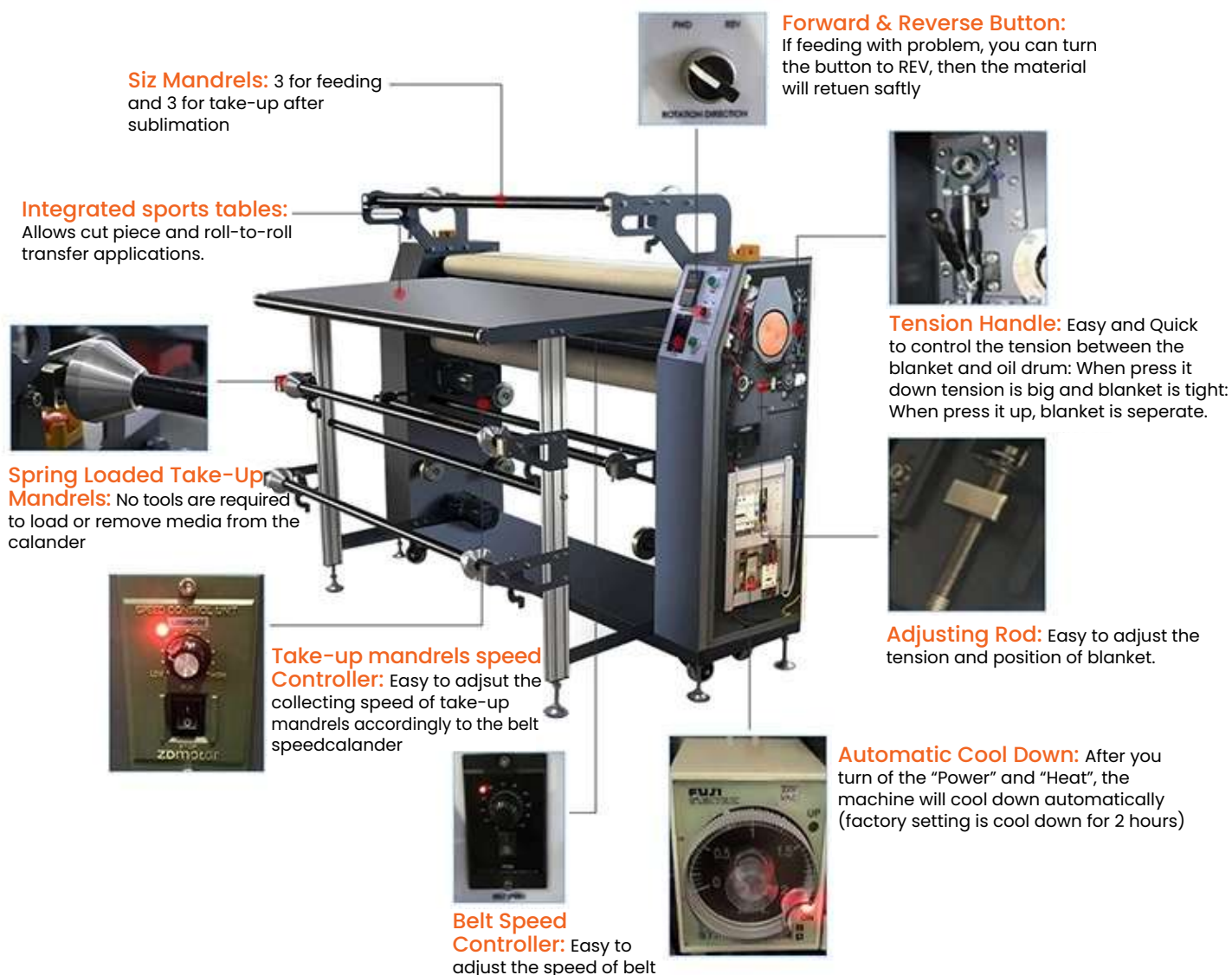
44" & 68" CALAENDER ROLL TO ROLL HEAT PRESS

- 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



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

44"/68" CALENDAR ROLL TO ROLL HEAT PRESS



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 | 380VAC 50HZ Three Phase |
| Current | 27A | 30A |
| Power | 6KW | 21KW |
| Noise Level | 30DB | 30DB |
| Net/Gross Weight | 450kg/ | / |
| Machine Size | 1630*976*1315mm | 2300*1272*1505mm |
| Packing Size | 1830*1190*1630mm | 2480*1440*1830mm |

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TERMS AND CONDITIONS

01. Payment to be made in SAR currency.
02. Payment Terms : As mentioned in Quotation.
03. Bank Charges: Any bank charges relevant to the above transactions will be to your account.
04. Any charges, duties, taxes or levies at the ports of entry will be to our account.
05. The charges of loading, boarding and local conveyance of the technician will be to our account.
06. Any required electrical, mechanical and civil site preparation should be done by the customer according to our engineer's requirements.
07. Digital Star Machinery and Equipments will not be held responsible for delays caused by any damage in the equipment due to shipment, unloading accidents & any related reasons, which is beyond our control.
08. Warranty will be applicable as per our Warranty Policies. The Warranty will be valid after signing of Warranty Policies.
09. Service will be free of cost within 12 months from the date of installation.
10. 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.
11. Delivery: As mentioned in quotation

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