



Mark Vi Trac Systems

MVT Series 1 Media Transport System



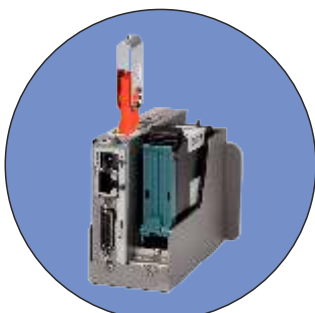
Camera



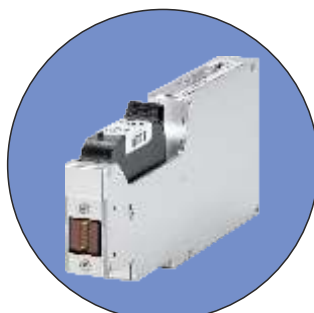
Feeder



Vacuum Conveyor



X1 Jet



X1 Jet Stitch



XB4 Controller



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MVT Series 1 Media Transport System

The MVT Series 1 Media Transport System basically consists of the following assemblies:

- Friction Feeder
- Vacuum Conveyor
- Collection Conveyor – Stacker (Optional)
- Weber TIJ Variable Data and Bar Code Printers (Optional)
- Camera Verification Systems (Optional)

The MVT Series 1 Feeder & Conveyor is a rugged work horse with minimalistic design. The friction feeder is a versatile stand-alone feed system capable of handling a wide variety of media from single sheets, cards and envelopes to magazines and books. The top loading design makes the media replenishing seamless and easy and the durable hold back rollers can be independently adjusted to accommodate varying media thickness. The friction belts can be adjusted by a single knob which is attached to a rack and pinion gear. The feeder is driven by a variable speed motor for adjusting the feed speed to sync with the conveyor speed. Maximum media size which can be fed is 297mm (W) X 450mm (L).

The Main Conveyor is driven by a heavy duty AC motor. The chassis is constructed from aluminium profiles which come in very handy while installing mounting frames to accommodate the optional printer and vision systems. The dimensions of the standard conveyor are 1600 mm (L) X 400 mm (W) X 750 mm (H). Other sizes can be supplied upon requirement.

An optional collection conveyor that can stack 100 sheets of print media can also be attached to the Main Conveyor.

Electrical Specifications:

Phase	Current	Operating Voltage
Single	5 Amperes	220 Volts

Optimum speed: 65m/minute

Media speed: 90 – 120 A4 size sheets/minute

Weber printers:

The X1Jet, XB4Jet and the XB8jet line of TIJ printers and print controllers from Weber, Germany epitomises the high precision and rugged performance which one identifies from high end German technology. The compactly sized X1Jet with a built in controller is a pocket Hercules when it comes to performance. The XB4Jet controller and the XB8Jet controller can control 4 & 8 heads respectively on same as well as different production lines. All the above mentioned printers are capable of printing Text, Barcodes, Serial numbers, Geometric Shapes, Shift codes, Logos & Variable data in alphanumeric form extracted from .xlsx, .txt & .csv format files in addition to alphanumeric data downloaded from external servers.

Camera Verification Systems:

Camera systems for data verification, barcode verification and any other vision system that meets the specific demands of the customer can be installed on the Media Transport System. These Camera Systems can be programmed to accurately scan and verify the printed data at high speeds and stop the media transportation system while simultaneously giving an alarm whenever a print deviation is detected by the mounted camera.