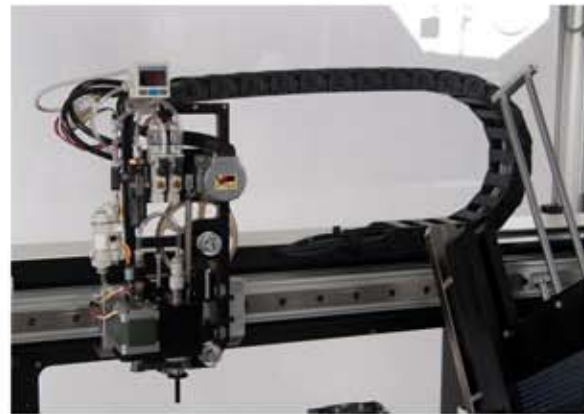




The **TM 500** is a multiple input pick and place test, inspection and taping machine designed for high mix/low volume production environments for electronic devices. The flexibility of multiple inputs reduces the need for additional machines, simplifies and speeds set up and operations, thus delivering a fast ROI. Options for testing, inspection, as well as 2D and 3D vision systems provide maximum flexibility, reporting and traceability functions, while a touch screen interface minimizes set up and operator intervention for fast and easy functioning.



Features :

- Inputs: Tray Tape
 Tube Bowl
- Outputs: Tape
- Reject: Tray Bulk
- Processes (with optional equipment):
 - 3D Lead coplanarity inspection
 - 3D BGA inspection
 - 2D Vision inspection
 - Programming
 - Electrical testing
 - Mark inspection
 - Orientation

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V-TEK , Incorporated
751 Summit Avenue
Mankato, MN 56001
(P) 507 387 2039
(F) 507 387 2257

www.vtekusa.com

Specifications:

Controls:

Touch Screen Operator Interface includes:

- Job configuration
- Manual / Automatic leader / trailer
- Lot reporting
- Vision results reporting
- Vision inspection results displayed
- Password protection
- Single window interface combines vision and job programming
- Industrial PC

Placement Speed:

- UPH 2000-4500 (device dependent)

Dimensions:

- Height: 66"
- Width: 44" (65" with monitor arm fully extended)
- Depth: 36" (64" with input and take up reels)

Weight:

- Approximately 1200 lb. (545 kg)

Power required:

- Electrical: 240 VAC, 50-60Hz AC
- Air: 5 SCFM at 85 PSI

Optional Input Modules:

- Dual Tray Handler
 - JEDEC Standard trays
 - Other trays by request
 - Tube
 - Bowl fed

Taping Module:

- Universal adjustable heat and PSA sealer
- 8 to 56 mm tape width
- Empty pocket detection
- Jam in track detection
- Low cover/carrier tape detection
- Carrier motion



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