

## M-500 Taping Machine

MANUAL EQUIPMENT

AUTOMATIC EQUIPMENT

VISION

MARKING

AUTOMATED SOLUTIONS

COMPONENT PROCESSING



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



WI201.36 REV.3 05/13/2014 PAGE 1 OF 2

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# TM - 500

## Taping Machine







## 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

## 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

INTERNATIONAL
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