



### QMT-1100M



**Low maintenance, high throughput, economical and quality packaging... it's what we do.**

Q Corporation is pleased to announce the introduction of the QMT-1100 "M"odule Taping Machine.

OEM's now have a less expensive alternative to integrate "Tape and Reel" into their automated production systems (i.e. programmers, assembly, ATE, etc.).

The QMT-1100 M is a versatile, full-featured machine with options like through-beam optical component verification or vision system integration.

Precision tape moves are accomplished with a closed loop servo control system that can exceed 12,000 PPH. Dedicated I/O for direct communications between the QMT-1100 "M" and your automation equipment create the ideal interface for optimum performance.

Q continues its long tradition of providing maximum productivity, operator friendly control and a reliable machine at a competitive price.

#### The QMT-1100 M offers...

- Quick easy changeovers without dedicated tooling
- Fully adjustable, accommodates 8-72 mm wide carrier tapes
- Standard equipped for sealing HAA "Heat Activated Adhesive" and PSA "Pressure Sensitive Adhesive " cover tapes
- Micro adjustable sealers provide accurate seal location
- Programmable leader and trailer lengths
- Simple menu setup
- Adjustable motor speed and acceleration for fast and smooth operation
- Empty pocket detection - audible alarm sounds halting operation
- Optics swing away for easy empty pocket fill
- ESD safe

#### The QMT-1100 M platform allows us to offer a custom design to fit your application.

Q Corporation is known for a willingness to design for specialty applications and reliable support.

#### Depend on genuine Q Quality

Q Corporation is a recognized world leader in component handling of leaded and surface mount technology. For over 30 years companies throughout the world have depended on Q quality to meet the most demanding production schedules.





*Sleek design places all controls in easy access.*

<b>SPECIFICATION</b>	
Power	120 VAC, 60 Hz, 10A (Optional 230VAC, 50Hz)
Air Supply	60 psi @ 0.25 CFM minimum of clean dry air
Weight	60 lbs. (approx)
Height	33.5 inches overall, 19.5 inches above table
Length	53.5 inches
Footprint	18.6 inches x 53.5 inches
Tape Width	8mm - 72mm
Tape Pitch	2mm - 72mm
Carrier Tape Type	All embossed plastic (optional paper tapes)
Cover Tape Type	Pressure Sensitive Adhesives (PSA) or Heat Activated Adhesive
Reel Diameter	13" or 22" standard (above 24mm pitch, we recommend optional extended arm)
Leader Length	User Selectable
Trailer Length	User Selectable
Seal Temp	User selectable: 75°F - 450°F (24°C - 232°C)
Seal Pressure	User selectable
Tape Drive Speed	User selectable
Maximum Throughput	Throughput is determined by the amount of time the tape is stopped while the host system loads a part into the pocket. Example: 20,900 pph can be achieved with an 8mm pocket pitch and a load time of 100ms.
Empty Detection	Pocket Optional: Through-beam optic for positive identification.
Component Counter	User selectable
Systems Communication Interface	3 digital I/O channels (2 Outputs, 1 Input). Other configurations are available as an option.
Tape Drive System	Precision sprocket driven by encoded servo motor and matched control system.
Foot Switch	Standard. Designed for industrial environments.