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Item # MTE-1200, Master MTE Series Automatic Tray Former

The Master MTE-1200 Series automatic tray erects a "fold and tuck" tray at a rate of 20 per minute. The system works on demand and not only eliminates repetitive hand motions, but also saves space and increases efficiency in almost any production or distribution environment.

This flexible system is easy to adjust between sizes and will erect trays with strong stacking support. Ideal for bakery applications, telescoping trays, credit cards and small hardware trays using fluted corrugated or chipboard.

The MTE-1200 is manufactured in the USA in accordance with ARPAC's Lean Manufacturing Process (AM²) to ensure quality, performance and value.

Mode of Operation

The system has a gravity magazine in which adjustable side guides hold a stack of up to 150 trays at a time. A pneumatically activated vacuum system pulls one tray at a time. As the tray is pulled down, it engages a series of plows erecting it. At the bottom station both side major flaps are folded 90 degrees. A pneumatic actuated pusher moves the tray to the secondary station where the flaps are positively tucked using ARPAC's unique dual motion closing system.



FEATURES

- Vertical blank magazine with 16" product capacity (approximately 150 blanks).
- Quick and easy size adjustment using ratchet clamps and calibrated scales.
- Adjustment time between different sizes is 5 to 10 minutes.
- Venturi vacuum system for reliable pulling of a blank from the magazine.
- Smooth mechanical motion with jam detector.
- Dual stage sequential flap folding.
- Product ejection system activated by rodless linear cylinders
- One E-stop for operator safety.
- Central disconnect valve for changing vacuum plates.
- Allen-Bradley® MicroLogix 1400 control system.
- Allen Bradley PanelView 600 Plus operator interface.
- On-demand product release photo sensor.
- Compact 5' by 5' footprint.

Guarding and Finish

- All working areas are guarded with clear polycarbonate hinged doors with electrical interlocks.

- Gray powder-coated paint is standard.