

Automatic Magnetic Tape Laying Machine (MTL-700M)

Machine For Roll To Sheet, Roll To Sheet and Roll To Roll, or Roll To Roll Applications



Features

Advantages

- The machine can operate at the highest possible speed. Material type and thickness can affect the speed at which you can run the machine.
- The pressure and heat of each laying roller press can be individually controlled, minimizing the surface area subjected to heat, as well as allowing for fine tune adjustments.
- The multiple pinch rollers hold the material securely in place throughout the application process, allowing for perfect parallelism of the magnetic strips.
- The operation area is entirely enclosed by clear glass safety doors, allowing for operator safety, without decreasing the visibility of operation.
- User friendly touch screen control.

Range of application

- The machine automatically lays rolls of magnetic tapes onto overlay material. Using heat and pressure, the magnetic tape is bonded to the overlay material, while the backing foil is rewound to a single rewind stand after the laying process. The machine can be built to operate for roll to roll or roll to sheet application. When operating roll to roll, the overlay is rewound after the tape is laid. When operating roll to sheet, after the tape is laid, the material is cut to the desired length with a guillotine. The material thickness of roll overlay material can range from 1-10 mil. The machine can be built to operate roll to roll or roll to sheet or roll to roll and roll to sheet applications.

Options

Machine Options

- Rewinding stand for roll to roll laying process.

Specifications

Series	MTL-700M
Compressed Air	6 bar
Dimension	98.4"L x 65.4"W x 73"H (2500(L) x1660(W) x1855(H) mm)
Magnetic Tape Width	Any ISO standard or custom sizes
Motor Servo	1HP
Gross Weight	5280 Lbs (2400kg)
Number Of Tapes	8 (Option to 15)
Overlay Diameter	24" (600 mm)
Overlay Thickness	0.04 - 0.2mm
Overlay Type	Roll, with or without hot melt
Overlay Width	9.8"-250-700 mm
Power Supply	6 kw
Regular Operation Speed	5 - 7 meters/min for most plastic materials
Sheet Length	9.8"-35.4" (250 - 900mm)
Tape Diameter	11.8" (300 mm)
Tape Position Accuracy	+/- 0.15 mm

Industries

Designated Industries

- [Computers](#)
- [Miscellaneous](#)
- [Plastic Card](#)

Applications

Designated Applications

- [Cut to registration](#)