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# MODEL: MTL-MS

## Sheet to Sheet Material Magnetic Tape Laying Machine



Partnerships in card solutions

## Range of application

The machine automatically lays rolls of magnetic tape strips onto overlay material. Using both heat and pressure, the magnetic strips are bonded to the overlay material, while the backing foil is rewind to a single rewinding stand after the laying process. The machine can be built to accommodate either roll material (a rewinding stand and guillotine will be added) or sheet material (a small feeding table will be added) but not both. The material thickness of roll overlay material can range from 0.04 to 0.2mm, while the range for sheet material is 0.3 to 0.8mm.

## Advantages

- User-friendly touch screen control.
- Operation speed can be adjusted according to the needs of the overlay material – up to a maximum speed of 10 meters a minute, normal operating speed is 5~7 meter per minute.
- The pressure and heat of each laying roller press can be individually control, 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.
- All laying roller presses feed the backing foil to a single rewind stand.
- The bottom laying roller can be manually shifted sideways between operations, so that the laying roller presses do not always press into the same places.
- The operation area is entirely enclosed by clear glass safety doors – increasing operator safety, without decreasing the visibility of operation.
- Error code diagnostic display provides for easy trouble shooting.

## Specifications

MODEL	MTL-700M	MTL-700MS
Overlay width	250-700 mm	250-700 mm
Overlay type	Roll, with/without hot melt	Sheet, with/without hot melt
Overlay thickness	0.04~0.2mm	0.3~0.8mm
Overlay diameter	600 mm	————
Sheet length	250~900mm	250~900mm
Magnetic tape width	12.7 mm or 6.5 mm	12.7 mm or 6.5 mm
Number of tape	8 (option to 11)	5 (option to 11)
Tape diameter	300 mm	300 mm
Tape position accuracy	±0.15 mm	±0.15 mm
Regular operation speed	5~7M/min	5~7M/min
Electric power supply	6kw	3.7kw
Compressed air	6bar	6bar
Servo motor	1HP	1HP
Dimension	2500(L) ×1660(W) ×1855(H)	1870(L) ×1660(W) ×1855(H)
Net weight	2400kg	1900kg
Optional : rewinding stand for roll to roll laying process in MTL-700M		



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