MEF 27543 Embedder for Filterelements

MartinSystems
STANDARDMASCHINEN&SERVICE

The cost-effective, mobile embedding machine for plastic filters offers a small footprint and integrated monitoring of the embedding process for maximum precision and quality.

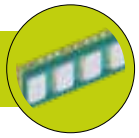
Cell

Solid stell welded frame mobile on castors ideal for confined spaces.
Individual customer colors can be accommodated.
Less than 1.5m² footprint.

Joining Table

Up to 4 individually controlled joining sections ensure maximum output. Completion of the filter in just one cycle.
Shortest set-up times thanks to quick-change system.

IR-Heater



Contactless heating of the components ensures that no particles are injected.

Significant energy savings through the use of modular IR ermitters.

Quality

Each end cap is embedded individually and precisely force-guided.
Filter tolerances can be compensated by up to ±5 mm in length.

HMI

Large 7” HMI for controlling all functions. A wizard makes creating new variants child's play. Various operating modes are standard.

Options

The standard is already prepared for upgrades such as barcode scanners, OPC-UA interfaces or parts tracking.

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Our innovative embedding machine is specially designed for the efficient embedding of plastic filters in end caps. It is characterized by its cost-effective investment and small footprint, making it ideal for workshops with limited space.The machine is loaded manually. A particular highlight is the integrated monitoring of the embedding process, which ensures consistently high quality and precision.

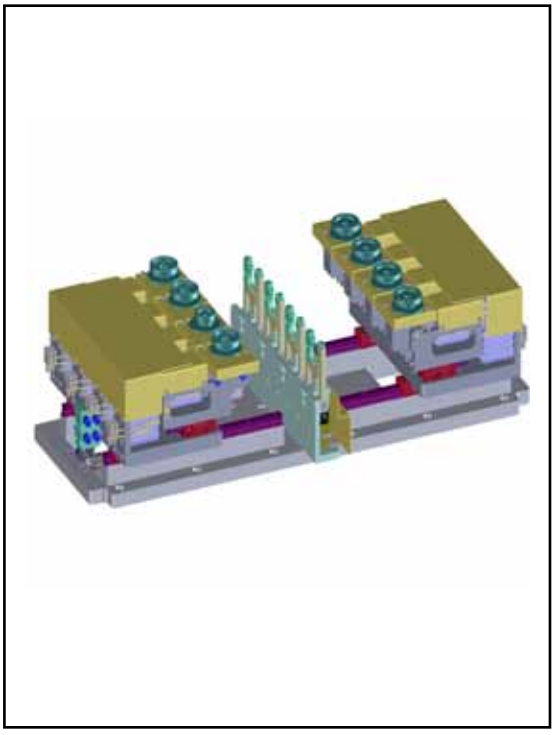
Technical Data

Control.
Siemens S7-1500F

Operating.
Siemens 7" Comfort Touch Panel

Set Up Parts.
Workpiece Holder Endcaps Gripperfingers Filter

Options.
- Barcode Scanner
- Connection to MES
- WA temperatur control unit
- Vacuum pump
- Force / Way Monitoring



Joining.

	Embedder S	Embedder M
Part Ø	25mm-50mm	51mm-69mm
Part Lenght	20mm-160mm	63,5mm-254mm
Joining Sections	4Pcs.	2Pcs.
Joining force/ Section	400N	1.500N

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