

F33 – the speedy one



**The high-speed thermoformer,
for all your packaging product
needs**



Flexible and easy to operate

The OMV F33 is the new fully electric, in-mould trimming, thermoforming machine, perfect for multi-row tools. Flexibility is the keyword for this machine, designed to process all types of thermoplastic mono and multi-layer, co-extruded materials or shapes of products. Noteworthy features include its outstanding forming speed and easy operation.

Unique on-board RIM-rolling device available on request.



Materials	PET - PP - PS - PLA	
Forming area	mm	850 x 250
Sheet thickness	mm	0,2 min - 2,2 max
Forming depth	mm	130 (155)
Positive forming	mm	15
Compressed air	BAR	6
Speed (dry cycles)	CPM	50
Oven size	daN	1280 x 1000
Cutting force	kg	28.000



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Index drive

- Electronic servo drive with profiled acceleration/deceleration torque.
- The chain rails can be retracted away from the form station, during mould change, for easy access.

Oven (Heating elements)

- C-shape oven with top and bottom ceramic heater elements arranged in longitudinal and transversal zones.
- Special features are built into the oven to avoid sheet sag issues typically experienced in traditional ovens.
- Sheet edge pre-heaters, located at the entrance of the oven.

Forming station

- Platen movement is driven by a toggle/cam assembly where the trim is operated by an independent servomotor.
- The lower platen is driven by a brushless servo motor. During the forming/trimming phase, the motor stops, reverts, and after the end of the forming cycle it begins a new cycle. The stroke of the lower platen is adjustable depending on product height (Depth of draw)

Plug assist

- Third motion servo-driven plug assist is independent from platen movement assuring the optimum processing window

Stacking system

- Designed for easy handling of both shallow and deep parts