APS ML 3300^{plus}

Thermoforming Machine with many "plus" factors

plus: more loading area
plus: more repeat length
plus: more space for coding and printing systems
plus: more clearance for a top labeling device
plus: more operating comfort with ergonomic swivel screen

Our APS ML 3300^{plus} combines all advantages of our proven APS ML 3300 model with many "plus" features: Due to the expanded loading area, two people can now work on each side of the machine which allows for more space during the loading and positioning of the products, even when a sandwich preheating system is used. As an option, the exit area of the "plus" version can also be extended to provide more space for additional systems.

The extended format zone with repeat lengths up to 360 mm (max. 280 mm with sandwich preheating) enables the packaging of longer products without the need of using a larger machine type.
The machine's new electrical cabinet offers more space for the parallel use of a photocell control (for pre-printed top film) and stamp coder and/or labeling system. Even a top labeling system or a movable inkjet printer can be installed on the extended discharge area of the machine offering further design options for individual packaging.

In order to comply with increased machine capacities (up to 15 cycles/min.) more powerful vacuum pumps can be installed inside of the enlarged interior of the machine.

quick change of forming plate (option)

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WEBOMATIC®
Advanced Vacuum Packaging Systems

APS ML 3300^{plus}
Thermoforming Machine

Technical data:

Machinery:

drive:	Mitsubishi Servo-drive, high-dynamic, electronically controlled
control:	Mitsubishi PLC with optional remote diagnosis
touch screen:	Mitsubishi full-color touch screen, high resolution, swivel mounted
dimensions:	external dimensions (depending on scale of extension)
	max. 5,550 x 1,010 x 1,830 mm (w x d x h)
	working height: 900 ± 50 mm
	repeat length: 120–360 mm
	max. draw depth 130 mm
net weight:	depending on equipment, approx. 1,500 kg (3,307-lbs.)
electrical:	400 V, 50 Hz, 3 phase, N, PE, capacity 9.5 kW (depending on capacity)
compressed air:	approx. 60 l/cycle, max. humidity 7 g/m^3, performance pressure min. 7 bar
cooling water:	approx. 60 l/h, pressure 3 bar, entry temperature max. 15° C
vacuum pump:	100, 150, 220/80 m^3/h installed; 160, 250, 300 m^3/h external
film transport:	5/8" chain

Packaging material and capacity:

bottom film:	thermoformable and sealable flexible and rigid film (e.g. PA/PE, A-PET, PS, PVC and PP, special configuration) film width: 320, 360 or 420 mm roll diameter: 400 mm roll core diameter: 76 mm/3"
top film:	sealable flexible film, e.g. OPA/PE, Tyvek roll diameter: 300 mm roll core diameter: 76 mm/3"
packaging capacity:	up to 15 cycles/min., depending on equipment and product

Options:

extended discharge area

forming station with pre-heating or sandwich pre-heating

MAP including gas storage tank

exit conveyor belt, height adjustable

trim removal system or rewinding system

printed top web registration system for proper placement of the printed film

closed water circuit system

synchronisation for automatic filling systems

cutting punches for client-specific requirements

limit for lifting device

gas mixing device

product support

coder and/or labeling systems

top film labeling device or XY-displacement unit with inkjet printer

Height adjustable exit conveyor belt closed water circuit system and trim rewinding system

plus

Enlarged loading area and swivel color touch screen – more space during loading

Pneumatically movable punch – for high performance and flexibility

Forming die with sandwich-preheating and plug assist forming

Technical modifications reserved.
All WEBOMATIC machines fulfill the valid
European regulations according to CE, EMV
and DIN GOST.

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