


APS ML 7100

Powerful for the biggest tasks



 **High Quality**
aus Deutschland
made in Germany

APS ML 7100

Reliable in the packaging process



This thermoforming machine is our solution for your heaviest packaging jobs.



Our thermoforming machine APS ML 7100 was built for heavy-duty, industrial-sized demands. With its solid stainless steel frame construction, this high-performance system will stand up even in the harshest operating conditions.

The dimensions of this flexible model were made for large formats and high productivity.

An intelligent monitor control offers differentiated calibrations for the demands of a variety of products.

Our best practice APS ML 7100 is capable of mastering a 3-shift operation throughout the whole year. It ensures process stability and offers the optimum for maximum production capacities.

In addition, this machine is adaptable for added flexibility for nearly any application. This is a result of the outer dimensions as well as the variable loading zone, special equipment and means of automation.



From automatic filling on a very grand scale – as shown in the title page – to meticulous manual loading: This machine comes without any restrictions.



Large industry packs and piece goods are typical products to be packed by the APS ML 7100.



Depending on the application, our industrial-friendly power packer processes all commercial film materials (flexible films, rigid films, top and bottom printed film)

- up to 622 mm of width,
- with a repeat index of up to 800 mm in length,
- with a draw depth up to 190 mm.

Our APS ML 7100 will perform up to 20 cycles per minute (depending on equipment and product). Using a top film forming technique, it is also capable of producing stable reclosable packs with snap-in lids.

Equipped with an individual loading zone for manual or fully automatic filling, this heavy-duty machine not only offers absolute reliability, but also features a variable discharge area that allows for a variety of optional modules. Accessories such as coding and/or labeling systems, as well as various cutting systems, can be easily integrated into this machine for a complete packaging process. The machine's control ensures total synchronization.

Sound and solid basis for intelligent details



Jumbo roll: Should the floor space not allow for loading of the roll in a straight line, operators may simply load from the side with a roll support at a 90° angle.



The WEBOMATIC thermoformer APS ML 7100 provides a stable basis for a variety of special equipment and accessories. For instance, the jumbo roll: The machine processes rolls with a diameter of up to 1,200 mm. With the roll trolley (included in the scope of delivery) which, of course, smoothly docks to the machine, operators can move the heavy rolls safely and easily.



Top film forming: Useful for the creation of lids for reclosable packs.

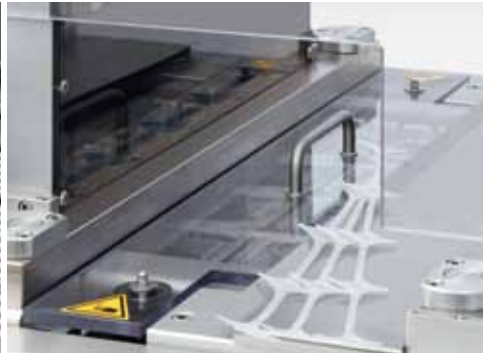


Synchronize the APS ML 7100 with automatic filling systems or scales to achieve the highest grade of automation.

Employing a roller belt that is adjustable in height prevents heavy products from sagging.



Use a strip punch to create special contours. This advanced cross cutting technique makes precise cuts and combines a high cutting performance with longevity. It also prevents undesired cold sealing at peel flaps.



In order to prevent "cat nails", i.e. sharp-edged corners of the rigid film, apply the roll shear strip cutting in addition to the cross strip punch.



To avoid machine downtime, simply place an almost used up roll to a second support and pre-load a new roll. It is also possible to unlock the left carrier and fold it to the side, so that you can change the film roll even in limited spaces.

Further accommodations include:

- a slotting device for peel corners,
- travelling punches,
- complete cut punches.

See imagery on next page.

Technical data
Thermoforming Machine APS ML 7100



General	Drive		servo drive, highly dynamic, electronically controlled
	Vacuum pump		100, 160, 250, 400, 600 m ³ /h; roots pump according to required performance
	Packing performance		up to 20 cycles/min. (depending on machine equipment and product)
	Control		Mitsubishi FX with optional remote diagnosis/communication module
	Monitor		Mitsubishi 12.1" hi-res colour touch screen, rotatable and swivelling, USB port
Measurements	Length		up to 22,000 mm
	Width		1,050–1,250 mm (depending on film width)
	Height		1,995 mm (± 35 mm)
	Repeat length/Index		200–800 mm
	Draw depth		70, 130 oder 190 mm
Packing materials	Film width		322–622 mm
	Bottom film	Thermoformable and sealable flexible film Thermoformable and sealable rigid film	PA/PE, Tyvec max 1,200 µ
	Roll diameter		450 mm
	Roll core diameter		76 mm/3", optional 152 mm/6"
	Top film	Sealable flexible film	e. g. PA/PE, Tyvec, PP, rigid film optionally
	Roll diameter		400 mm
	Roll core diameter		76 mm/3", 152 mm/6" optionally
Forming procedures	Compressed air		●
	Compressed air and vacuum		○
	Plug assist forming		○
	Top film forming		○
Pre-heating	Standard heating in forming station from top		●
	Simple preheating from below		○
	Sandwich preheating		○
Cutting	Standard guillotine cut		●
	Zigzag cut		○
	Punching of rounded corners		○
	Perforation cut		○
	Squeezing knife longitudinal cut		○
	Strip punch/Roller shearing striping cut		○
	Contour or complete cut		○
Pack coding/Printing	Print mark control for bottom and top film		○
	Stamp coding/hot embossing/thermo transfer print/inkjet/laser		○
	Labelling: Top film Bottom film		○ ○



● standard equipment ○ option



Technical changes reserved.
All WEBOMATIC machines comply with
the valid European regulations according to CE, EMC, EAC.

Further options

MAP, optionally also oxygen (O₂)
Gas mixer and/or analysis device
Jumbo roll support (bottom film),
also in an angle of 90°
Knee-free loading zone
Support rolls in the loading zone
Film strip rewinding
Water cooling system
Lifting limit via SPS
Synchronisation with automatic supply
system
Vibrating unit



Packs with peel corners are even easier to open when the underside of the peel corner is pre-cut. The slotting device was constructed as such.



The travelling punch is cost-efficient and saves time with format changes.

Parallel buildups, such as a double complete cutting punch as shown here, enable format changes simply by pressing a button and without any change-over time.



Packaging is our passion



Vacuum Chamber Machines
Tray Packaging Machines
Shrinking and drying
Thermoforming Machines
Components

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We have been developing vacuum packaging machines. For 55 years.

High-quality technology from Germany WEBOMATIC machines have proven best practice in almost all areas of vacuum packaging – be it perishable food, sterile cosmetic and medical products or sensitive industrial products. More than 100,000 sold machines prove our excellence.

Convincing product features

- First class workmanship
- High-grade materials and components
- Easy operation
- Longevity
- Reliability
- Service-friendliness
- Branded components available world wide

Small and big solutions: for the trade and industry, for food and non-food areas

At our facilities in Bochum, Germany, we realize the complete business – from the construction to the sales – under one roof: It is here that our resourceful engineers develop innovative solutions and the intelligent details that go into our high-quality machines. In an area of over 8,500 m², we build the machines with up-to-date manufacturing technologies. Our comprehensive technical and operational know-how, as well as the use of high-grade materials and components from branded suppliers, ensure the first-class WEBOMATIC quality.

WEBOMATIC offers the complete range of modern packaging machines and packaging lines.

Quality is our success