

Model		Basic	Basic Plus	Junior	Optimum	Standard	Profi	
Number of memories		–	–	–	2	6 (20)	20	
Turntable height	mm	77 – 79						
Machine height	mm	700	2076	2366	2366	2366	2366	
Machine weight (approximately)	Without top platen	kg	340	400	420	480	480	
	With top platen	kg	–	–	490	550	550	
Loading capacity	kg	1200 (1500 – 2500)						
Maximum wrapping height	mm	–	2000	2430	2430	2430	2430	
Turntable speed	rpm	3 – 10						
El. installation	Power supply	3 × 400V, 50Hz ČSN EN 50160 (EN 50160)						
	Power requirement	kVA	0,7	0,7	3,1	2,7	4,3	4,3
	Protection	A	16					
IP-code		IP54 (switch board), IP55 (motors), IP65 (sensors)						
Transport dimensions (L x W x H)	mm	2350 x 1500 x 645 (basic version WMS 15)						

Manufacturer reserves all rights to any change without notice. For detail informations refer to www.ekobal.cz

Description of optional devices

Foil tearing device

During the last turntable revolution is foil pierced by a tip and torn off by pallet turning.

Regulation of turntable speed

Variable turntable revolution regulation (soft start) Smooth turntable start and stop is preventing displacement of unstable goods on the pallet.

Orientated turntable stop

Feature ensures turntable stopping at the same position for easy pallets loading and unloading.

Top platen device

A device is securing the stability of wrapped goods by pressing it towards pallet. Device is necessary for very high and light goods.

Approach ramp

Designed for easy approach of a pallet truck onto the wrapping machine's turntable.

Pit frame

Used to embedding wrapping machine in level with the floor for easy pallet loading and unloading.

Turntable with scale

Standard turntable equipped with integrated scale used to instantly check wrapped pallets weight.



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WMS Profi

Semi-automatic, high performance wrapper with 20 programmable memories for semi-automatic wrapping meets the highest wrapping quality demands. Machine guarantees perfect fixation of goods on a pallet with minimum stretch foil consumption. Operating by the touch screen ensures a simple orientation in wrapping parameters change such as variable foil prestretching and tension during wrapping, turntable speed, wrapping density, number of turns at the palette's top and bottom, auto top platen or top sheet application, etc.

Semi-automatic wrapping is activated by memory selection and pressing START with function "Push & Go". After wrapping completion needs operator only exchange pallet and attach foil and again press START.

Manual wrapping mode allows the sequential activation and adjustment of all wrapping phases by operator based on visual inspection.

Wrapping machines WMS

All offered models are designed and manufactured in the Czech Republic from high quality EU branded components. Modular system offers large variability of equipment and accessories to improve the quality of wrapping and fixation of goods on pallet while reducing cost.

WMS series is intended for wrapping and fixation of goods on a pallet in stretch foil. Modular solution meets all the requirements for a good fit for a variety of products for packaging in semiautomatic or manual mode. Wrappers are suitable for capacity up to 25 pallets/hour from small to the highest requirements for wrapping quality and cost savings.

Basic functions

- START wrapping with "Push&Go" function
- 20 customizable memories
- Wrapping in semi-automatic and manual mode
- Full or cut-out turntable
- Reducing costs while improving the quality and firmness of wrapping
- Number of optional accessories



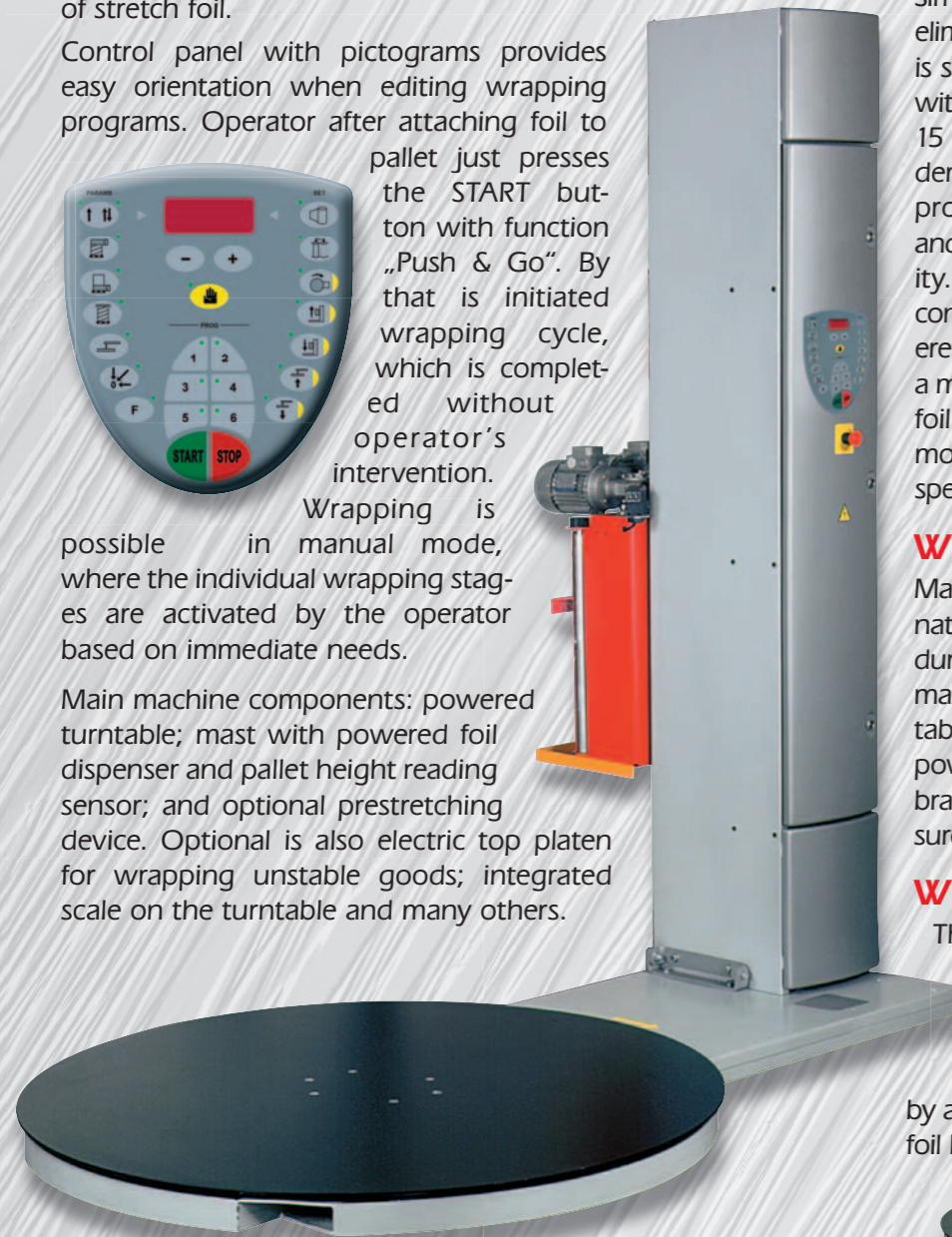
WMS Standard and Optimum

Semi-automatic, powerful and simple wrappers equipped with 20 programmable memories. Model Standard is designed for clients with medium demands on wrapping quality. It ensures perfect fixation of goods on a pallet with minimum consumption of stretch foil.

Control panel with pictograms provides easy orientation when editing wrapping programs. Operator after attaching foil to pallet just presses the START button with function „Push & Go“. By that is initiated wrapping cycle, which is completed without operator's intervention.

Wrapping is possible in manual mode, where the individual wrapping stages are activated by the operator based on immediate needs.

Main machine components: powered turntable; mast with powered foil dispenser and pallet height reading sensor; and optional prestretching device. Optional is also electric top platen for wrapping unstable goods; integrated scale on the turntable and many others.



Model **Optimum** is more economical version of the model Standard, which does not offer the reference position function; individual choice of wraps at the pallet's top and bottom; reduced accessories options.

WMS Junior

Simple by buttons manually operated wrapper eliminates operator's physical exertion. Wrapper is suitable for clients with capacity up to 15 pallets/hour with demand for good products fixation and wrapping quality. The machine consists of a powered turntable and a mast with a driven foil dispenser. This model can be fitted with top platen, turntable speed regulation and foil prestretching device.

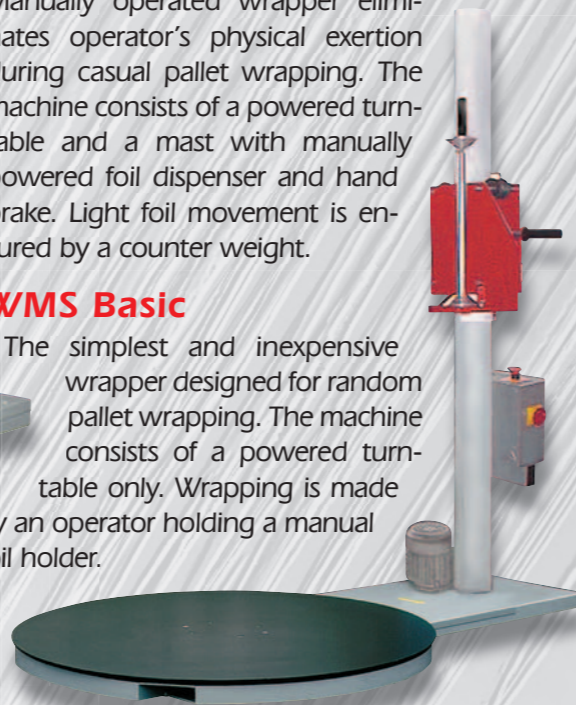


WMS Basic Plus

Manually operated wrapper eliminates operator's physical exertion during casual pallet wrapping. The machine consists of a powered turntable and a mast with manually powered foil dispenser and hand brake. Light foil movement is ensured by a counter weight.

WMS Basic

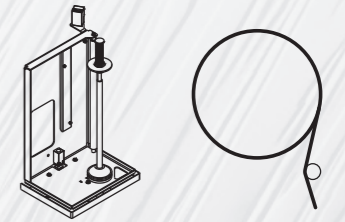
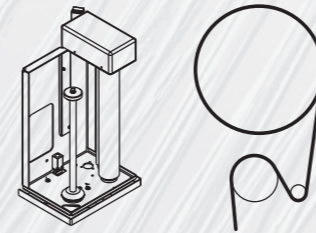
The simplest and inexpensive wrapper designed for random pallet wrapping. The machine consists of a powered turntable only. Wrapping is made by an operator holding a manual foil holder.



Description of optional devices

Hand brake

The simplest device with only the Secondary foil stretching²⁾, where the foil tension is made by hand tightening or loosening the handle (brake). As value is set randomly this device is intended for wrapping without need for high quality and efficiency.

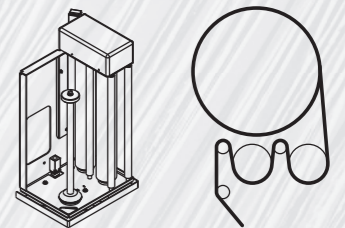


Electromagnetic brake

The foil is led through the working cylinder, which is braked by an electromagnetic brake generating by rotating pallet a consistent foil stretching. The device allows only Secondary foil stretching²⁾ adjustable from the machine's control panel.

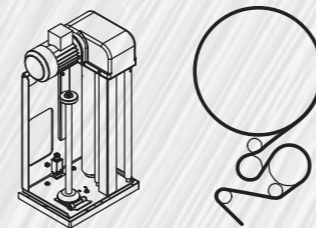
Mechanical prestretching device

Basic device capable of Primary¹⁾ and Secondary foil stretching²⁾. The foil is unrolled by rotating pallet, pulled between the two main cylinders. It leads to Primary stretching¹⁾ (extension) reducing foil consumption. This prestretching can be changed to 80%, 130% and 180%. Secondary stretching²⁾ is induced by pulling a pallet against the master cylinder, which cannot be controlled.



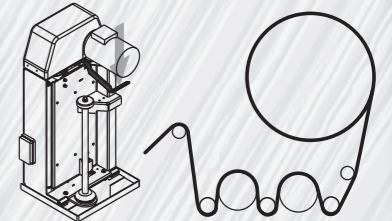
Single-motor prestretching device LIGHT

The motor-driven device capable of Primary¹⁾ and Secondary foil stretching²⁾ with manual insertion between cylinders. Primary stretching¹⁾ is in default 180% changeable to 80% or 130%. Secondary foil stretching²⁾ is achieved by pulling a pallet against by motor regulated master cylinder. This stretching can regulated from the control panel from 70% to 400%, where 100% means that the film is not extended or shortened.



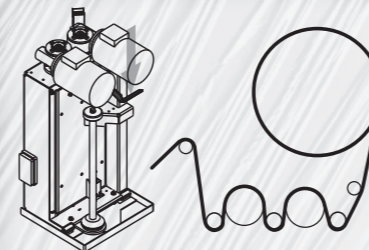
Single-motor prestretching device

The motor-driven device capable of Primary¹⁾ and Secondary foil stretching²⁾ with easy insertion between cylinders. Primary stretching¹⁾ is in default 180% changeable to 80%, 130%, 230% or 280%. Secondary foil stretching²⁾ is achieved by pulling a pallet against by motor regulated master cylinder. This stretching can regulated from the control panel from 70% to 400%, where 100% means that the film is not extended or shortened.



Double-motor prestretching device

It is designed as a single-motor prestretching device when the prestretching rollers are driven by two motors. Range Primary¹⁾ stretching the foil is adjustable from 50% to 500% and Secondary²⁾ in the range 70% to 400%, while the value, where 100% means that the foil extended or shortened.



¹⁾ Foil stretching between the cylinders before exiting the device creating film extension.
²⁾ Foil stretching between the prestretching device and a pallet increasing wrapping tightening.

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