



# EVM 5004 / EVM 5006

Manual membrane skinning machines

## MEMBRANE SKINNING



### The advantages of the EVM

- **Ideal ergonomic design** allows an always good **skinning quality**.
- Available in two cutting widths – **suitable solution for all applications**, even for very big cuts.
- Machine housing without lateral operating lever, thus **space-saving structure** and **flexible installation** in any deboning line.
- Well-engineered machine structure for **increased throughput** and **reduced setup times**.
- Complete machine housing in Hygienic Design.

**MAJA**  
PART OF **marel**

Since more than 60 years, MAJA has developed, produced and distributed high-quality derinding and membrane skinning machines for the requirements of butcheries and industrial meat processors. The MAJA Membrane Skinning Technology allows the gentle removal of the membranes and the profitable refinement of precious meat cuts.

# The MAJA principle for increased benefit: Anatomic deboning and MAJA Membrane Skinning Machines.

## Versatile applications

For manual (open) membrane skinning of all fresh cuts of pork, beef, veal, lamb and poultry.

EVM 5006: extraordinary cutting width of 554 mm for comfortable skinning even of large cuts, e.g. beef, boneless pork loins etc.

## Equipment & features

### Operator-friendly machine structure:

- The machine design is made for ergonomic work allowing highly efficient, accurate and power-saving operation for a perfect skinning result.
- No adjustment handles on the machine's exterior allow the operator to stand closer to the processing line for shorter working distances.
- **EVM 5004:** With membrane chute for collecting membranes in the skin box.
- **EVM 5006:** With intermediate plate for higher position of the skin box.
- The machine design allows to put standard EII / EIII skin boxes into the machine in different height positions.
- Operation by ergonomic foot pedal design (flat material), thus more comfort for the operator without marks left at the operator's foot.

### Individual line configuration:

- As the machine has no lateral adjustment handles, it can be integrated in different work places without affecting its handling.
- Thus flexible use within the processing plant.

### Tooth roller cleaning by compressed air:

- Transport and scraper roller with hygiene radius for easy cleaning avoiding sinews and fat deposit.
- For a constantly perfect skinning result, the tooth roller is continuously cleaned from residual membranes by compressed air.
- The air nozzles are mechanically moved by a guide mechanism. Advantage: Reduced maintenance. The compressed air is only used for tooth roller cleaning and not (like other systems) for moving the nozzle bar.



EVM 5004: membrane chute



EVM 5006: Skin box support



Cleaning-friendly design: hygiene radius on the transport / scraper roller



# Machine concept and equipment:

## Simple, safe, user-friendly.

- Easy cleaning, as the nozzle bar can be put into a cleaning position.
- Nozzle bar with efficient cleaning nozzles for reduced air consumption and low noise level.
- The machine is equipped with a filter system with prefilter and microfilter.

### Easy knife changing by quick-locking device:

- Fast and easy, tool-free. Knife changing within seconds!
- Tamper-proof, encoded knife holder guaranteeing consistent skinning result and high yield.

### Easy and safe handling of the knife holder:

- No removal of the knife holder for cleaning and knife changing. It remains in the machine and is only put into cleaning position.
- Advantage: The sensitive knife holder cannot be damaged by accident. Thus always good skinning quality, reduced maintenance costs and increased safety for the operator and the cleaning staff.
- Knife changing by the operator, without maintenance staff.

### High standard of safety:

- In accordance with current EU regulations EN 12355 for derinding and membrane skinning machines.

### Cleaning-friendly hygienic machine design:

- All machine parts are made from food safe material.
- Subframe without straight surfaces; with V-shaped drip edge.
- Machine design without ground plate avoiding dirt accumulation on the machine bottom.
- Newly designed work table for optimum accessibility in cleaning position.

### MAJA quality for durability and long-life cycle:

- Housing made from 2 – 10 mm stainless steel plates, providing solid construction for maintaining machine value.



EVM 5006: Cleaning position

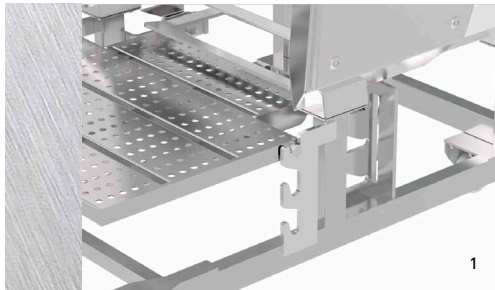


Cleaning-friendly drip edge



Type	Cutting width mm	Width of machine mm	Depth of machine mm	Height of machine mm	Electrical connection kW 400V/50Hz/3AC	Weight kg
EVM 5004	434	826	760	1005	0,55	190
EVM 5006	554	946	760	1005	0,55	200

Compressed air connection 3/8" rapid coupling



Option: Operator platform with three height positions.

## Accessories & options

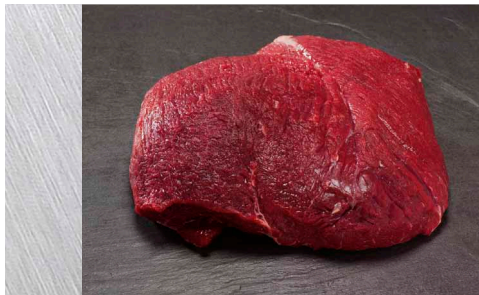
### ■ Machine with operator platform (two executions):

- 1) Adaption of working height to the deboning line. The platform can be pivoted upwards and locked for cleaning.
- 2) For adapting the working height to the operator's body height, an operator platform with three height positions is available so that each operator can adjust his personal ergonomically correct working height.



e.g. beef rump before...

... and after membrane skinning



## More benefit by MAJA Membrane Skinning Technology!

If big quantities of meat must be processed every day, the membrane skinning process should be organized in an optimum way. Otherwise it can cost a pretty penny! Yield-optimized skinning already starts with an economical way of deboning. For this reason, MAJA recommends anatomic deboning by separating the muscles into their membranes for obtaining a perfect skinning yield.

### MAJA Membrane Skinning Machines help to increase your profitability!

They remove only membranes and almost no lean meat. This technology ensures that the surface of the precious meat cut remains intact. Notches due to skinning with hand knives, which lead to drying and thus to distinct quality drops, are prevented.

For a first idea please scan this QR-Code and watch our 20-minutes video about the MAJA membrane skinning technology.



QR-Code: For a first idea about the MAJA membrane skinning technology.

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