



EVMsplit 5006

Manual combined desinewing
and membrane skinning machine

MEMBRANE SKINNING



The advantages of the EVMsplit 5006

- **Special divided transport roller** with two types of tooth shapes allows versatile application.
- **Process optimization** by machine-based removal of medium fat layers, sinews and membranes, in one and the same step with one and the same machine.
- **Increased yield** by optimized, machine-based removal of fat and sinews without damages to the product.
- 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. MAJA's aim is to supply practice-oriented solutions which help the meat processing company to optimize the production processes in a profitable way.

The combined machine *EVM_{split} 5006*: Versatile application for increased benefit.

Versatile applications

For machine-based removing of medium fat layers, sinews and membranes especially from bigger cuts of beef and veal, but also of pork and lamb.

Equipment & features

Process optimization by divided transport roller:

- Thanks to the divided transport roller with two different tooth shapes, the work steps defatting / desinewing and membrane skinning can be performed with one and the same machine, which allows process optimization.
- Tooth shapes of transport roller:
 - 1/3 coarse tooth shape for removal of fat and sinews
 - 2/3 fine tooth shape for removal of membranes
- The preparation of the meat cut by the usual manual removal of fat and sinews can be combined with the skinning process. For time savings and improved product hygiene.
- Increased yield, as the fact of having a special tooth shape for defatting avoids that the operator tries to use the usual fine skinning roller to tear off strong fat and sinews, thus risking to remove precious meat together with the fat/sinews.
- Staff savings as all steps are done by only one operator.
- Economic solution: 1 machine – 3 applications.

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.
- 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.



Machine concept & features:

Powerful and user-oriented.

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.

Transport roller cleaning:

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

Easy knife changing by quick-locking device:

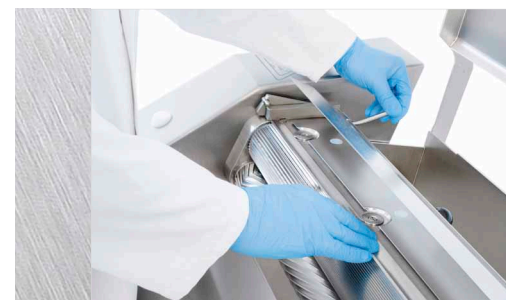
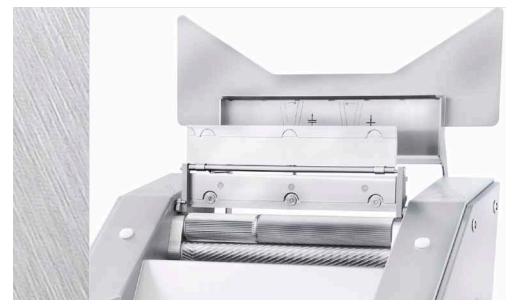
- Fast and easy, tool-free. Knife changing within seconds!
- Tamper-proof, encoded knife holder guaranteeing consistent skinning result and high yield.

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.



Cleaning-friendly design:
Transport and scraper roller with hygiene radius for easy cleaning



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Technical details

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

Compressed air supply 3/8"

Equipment & features



High standard of safety:

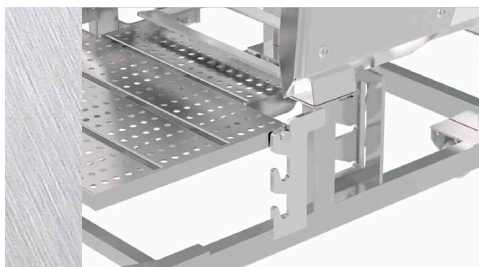
- In accordance with current EU regulations EN 12355 for derinding and membrane skinning machines.

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.



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.

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