



# ESB 4434 SH / ESB 4600 SH

Circular blade cutting machines  
for slices and strips

SLICING



## The advantages of the ESB-SH

- For vertical slicing of boneless meat cuts from beef, veal, pork and poultry.
- **Easy production** of perfectly cut portions of consistent slice thickness.
- **High throughput.**
- **Very easy operation.**
- **Available in two cutting widths.**

**MAJA**<sup>®</sup>

Since more than 60 years, MAJA has developed, produced and distributed high-quality derinding and skinning machines for the requirements of butcheries and industrial meat processors. The know how from six decades helped to create the ESB-SH range, an universal circular blade cutting machine. It allows especially to small and medium-sized companies to produce regular slices and strips in a simple and cost-saving way.

# The MAJA ESB-SH: The easy way of producing regular meat slices and strips.

## Versatile applications

The circular blade cutting machines MAJA ESB 4434 SH and ESB 4600 SH are suitable for a big variety of slicing applications of butcheries but also of industrial processors:

- vertical slicing of fresh boneless meat cuts from beef, veal, pork and poultry.
- production of bacon strips
- production of sausage pieces for "Currywurst" or for soup ingredients etc.



## Equipment & features

### Easy operation:

- The operator puts the meat cuts on the continuously driven infeed conveyor belt. They pass the circular cutting roller and are sliced to regular portions of consistent slice thickness within seconds.

### Maximum yield by easy processing of trimmings:

- Trimming pieces can be used to produce equally sized meat strips, for "Geschnetzeltes" and for gyros meat.

### Large choice of cutting rollers:

- Different cutting rollers are available for different slice thicknesses, starting with 6 mm.
- Total cutting width:
  - ESB 4434 SH: 283 mm
  - ESB 4600 SH: 440 mm (also for slicing of wide products in longitudinal sense)
- Maximum height of meat cuts approx. 95 mm, depending on the meat cut.
- For producing meat portions with additional butterfly slash, a special butterfly cutting roller (approx. 6 - 16 mm) is available.
- Basic machines MAJA ESB-SH without cutting rollers. To be ordered separately.



# Machine concept and equipment:

## Simple, cost-saving, high operator safety.

### Reduced set-up times:

- Tool-free mounting and removal of machine parts, thus quick and easy cleaning.

### Counter roller from stainless steel:

- The counter roller (driven in the running direction) avoids smeary film on the blades and keeps them keen for a long period.
- The counter roller is made from solid, cleaning-friendly stainless steel.

### Individual line configuration:

- The ESB-SH can be individually integrated in different processing lines.

### Short setup times for high operational availability:

- Time savings and operator convenience for routine sanitation and upkeep.
- Infeed and discharge conveyor belt as well as the cutting roller can be easily removed without the use of tools which makes cleaning and maintenance fast and easy.

### Safe handling of the circular blade cutting roller:

- For mounting and removal of the cutting roller, its holding device can be locked in a special setup position.
- Special safety handles for easy and safe removal of the cutting roller are included to allow cleaning and blade changes.
- For safe cutting roller cleaning, it is kept in a special cleaning box.



ESB 4434 SH: Counter roller



ESB 4434 SH: Easy cleaning



ESB 4434 SH: Removal of cutting roller

# ESB-SH

## Technical details

Type	Cutting width mm	Width of machine mm	Depth of machine (with discharge belt) mm	Height of machine mm	Electrical connection kW 400V/50Hz/3Ph	Weight kg
ESB 4434 SH	283	758	2184	1282	1,5	265
ESB 4600 SH	440	923	2184	1282	1,5	280



## Equipment & features



### High standard of safety:

- Special protection covers on infeed and discharge conveyor belt according to current EU-regulations.
- Extended infeed conveyor belt.

### Hygienic machine design:

- Tool-free removal of all cleaning-relevant machine parts.
- Cleaning water can run off easily from chamfered surfaces thus no residues of water, dirt or cleaning agent.
- All machine parts are made from food safe material.

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

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



Pict. 1: Example of cutting roller

## Accessories & options

### Different circular blade cutting rollers:

- Distances of circular blades (slice thickness) / grid dimensions: 6-12-18 mm, 8-16-24 mm, 10-20-30 mm etc.

### Cutting roller „Butterfly“ for butterfly cut:

- For production of slices with additional “butterfly cut”, for example for XXL schnitzels, cordon-bleu products etc.



Pict. 2: “Butterfly Cut”

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