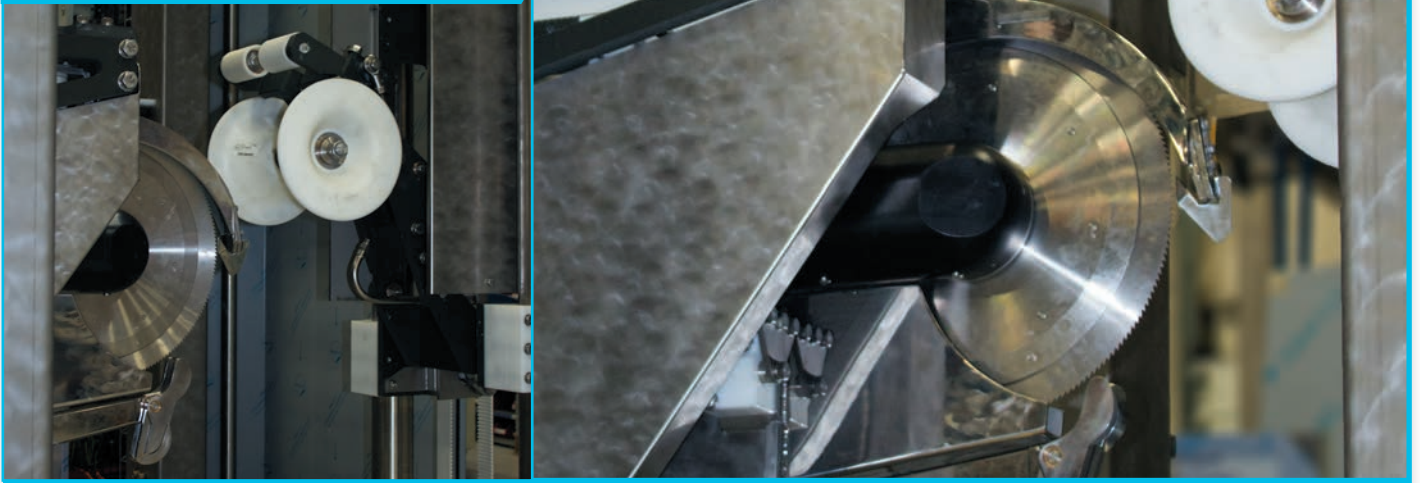


Autoline splitting saw APS7



Fast, reliable and precise

The technology behind the Autoline splitting saw gives the most accurate and consistent result in the industry for loin yield – crucial for successful automatic deboning.

Autoline

The Frontmatec Autoline concept ensures uniform processing, accuracy and high-quality products.

With Autoline, continuous operation on the dressing line conveyor is maintained, as the Autoline machines are synchronized with the main line conveyor; so while carcasses by drop fingers are pulled forward, fixation and processing are performed.

The Autoline concept is a dynamic concept, as multiple Autoline machines can be fitted along the main conveyor of the slaughter line.

The Autoline machines are all “plug and play”, and can operate in any type of new or existing slaughter lines.

Hygiene

To ensure high hygiene levels, as well as easy and efficient cleaning, the machine consists of stainless steel. To eliminate bacteria transfer, the tools, while returning to the starting position, are hot-cold flushed after each operation.

Options

- Version for splitting sow carcasses is available
- The Autoline splitting saw can process carcasses with or without heads, back-finned or not

Why the Autoline splitting saw!

- High capacity: 750 hog carcasses/hour (when putting the machine in series, the capacity can increase up to 1,500 carcasses/hour)
- Creating the possibility of a successful deboning
- Accurate and reliable cuts based on individual measurements of each pig
- Fast operation
- Automatic collection of saw dust and bone splinters - the only machine in the industry with this feature
- Easy cleaning and maintenance



Preconditions

- For carcasses to be processed, the length from gambrel point to snout must remain within 1.5–2.1 m/59-82". (Not required for sows. Upon request, it is possible to change this interval)
- The pigs should not have had diseases such as hernia, abscess, etc.
- Carcasses outside the specified length or carcasses which for some reason should not be processed simply pass through the machine

Safety and legal requirements

The Autoline splitting saw is CE approved and designed to meet the strictest demand on health and safety.

Technical data

Capacity	750 hog carcasses/hour 500 sow carcasses/hour
Length	2,200 mm/86.61"
Width	2,300 mm/90.55"
Height	3,600 mm/141.73"
Weight	1,800 kg/1.98 ton
Motor system	25 kW (33.5 hp) at 3x400V
Voltage	Can be adapted to any international standard
Water (cold), max. 2 bar	10°C/50°F
Water (temp.), 8-10 bar	42°C/108°F
Water (hot), 3 bar	82°C/180°F

Technical data may be subject to changes

Advantages with the Autoline concept

- Homogeneous processing and high quality carcasses with fixation
- High hygiene level with automatic flushing of tools after each operation
- Easy operation and troubleshooting with uniform user-friendly operator panels on the Autoline machines
- Transfer of measured values between the Autoline machines in the slaughter line
- The Frontmatec software interfaces with all types of monitoring systems
- Minimization of overall noise level in the slaughter line by external motor systems

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