

Automatic loin puller ALP15a



Maximize rib, loin, and belly yield

The Automatic loin puller (ALP) and scribing system produces outstanding results while maximizing ribs, loin and belly.

Using the latest artificial vision technology ensures precision throughout the scribing process. The ALP is a high-capacity machine capable of handling 1,500 middles per hour in an inline process.

Use the ALP with other Frontmatec equipment, such as the Automatic middle band saw, the Automatic rib puller, and the Automatic belly trimmer for complete belly line optimization.

Working process

1. Manual repositioning
2. Automatic pushing system ensures final positioning and proper spacing
3. Vision controlled middle scribing for accurate back ribs width according to specifications
4. Dual knives system provides accurate loin pulling and fat cover
5. Loin and belly are automatically separated

Hygiene

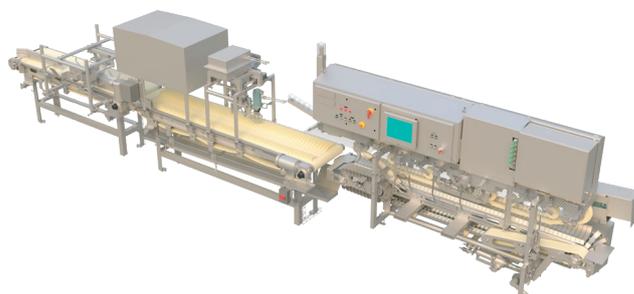
The ALP and scribing system is manufactured from stainless steel and food-grade components to withstand the harsh environment present in the food processing industry.

Why the Autoline loin puller!

- Only loin puller to leave the complete backfat attached on the belly
- Maximized belly width by properly exposing fingers of lean
- Flexibility, consistency and labor savings
- Vision controlled scribing system
- Easy setup of machine parameters with intuitive operator panel
- Servo motors for fast, powerful and accurate knife control
- Linked dual knives system
- Modular shaped block conveyor for easy cleaning and superior loin support



Saddles table holds loins in place



Automatic loin puller, scribe saw and alignment system

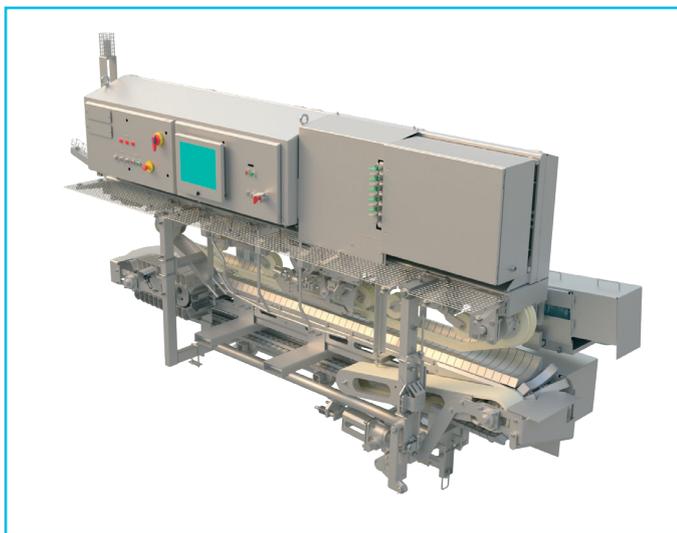
Safety and legal requirements

The Automatic loin puller is CE approved and designed in accordance with the EU and USDA regulations to meet the strictest demand on health and safety.

Technical data

Capacity	1,500 pieces per hour
Dimensions	
Length	4.32 m/14' 2"
Width	1.16 m/3' 8"
Height	3.38 m/11' 1"
Weight	1,360.8 kg/3,000 lbs
Consumption	
ALP	480V/3PH/30 AMPS
Air dryer	120V
Air requirements	
Connections	1/4 NPT
Total consumption	30 SCFM
Communication	Remote troubleshooting, support and upgrade via secured VPN and modem

Technical data may be subject to changes



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