

Lima-C Ultrasonic Series

Continuous Motion Packaging Machine



Packaging Solutions and Technology

LIMA-C Ultrasonic series

Highest Packaging Speeds

- ▶ All motions by servo technology
- ▶ Pillow bags in continuous motion
- ▶ Integrated seal check technology

Best Sealing Solution

- ▶ Fresh Salads
- ▶ Liquids
- ▶ Confectionary
- ▶ Cheese
- ▶ Powders

Highest Efficiency

- ▶ No leaking bags,
100% gas tight seals guaranteed
- ▶ Integrated Auto Splicer (optional)
- ▶ Sonic seal film savings up to 10%
- ▶ Lowest energy consumption

World Service Program

- ▶ 24/7 technical support
- ▶ Optional service contract including maintenance
- ▶ Film savings through seal area reduction



30µ capability

Contact Details

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Detailed Machine Specifications



LIMA-C Ultrasonic series

Machine Design

- ▶ Anti-corrosive version with solid stainless steel housing
- ▶ Stainless steel frame; height to application
- ▶ Sanitary, stainless steel, closed housing, low profile machine design
- ▶ Easy floor clean up due to unique design and concept
- ▶ Ultrasonic sealing technology

Controls

- ▶ Machine control through Siemens or Allen Bradley (Lima I series with Lenze)
- ▶ Colour touch screen for production information and fault display
- ▶ 200 production program memory for quick changeovers
- ▶ Servo motors for cross seal unit and film draw off belts
- ▶ Slip compensation for film transport through film encoder
- ▶ Continuous motion power film reel unwind motor; controlled by dancer unit

Efficiency Management

- ▶ Efficiency Statistics monitor with "reason code" interface
- ▶ Drop time adjustment on screen
- ▶ Production counter with reset button at control panel
- ▶ Pressure sensor for low air pressure detection with machine stop
- ▶ Easy and quick change of sealing jaws and sealing system
- ▶ Program selectable cross jaw opening for maximum output with different bag sizes
- ▶ Optional Integrated Auto Splicer
- ▶ Vacuum film draw off system with dry vane vacuum pump
- ▶ Vacuum belts with "gentle" motion film draw off, acceleration / deceleration of belts
- ▶ 3 Extra inputs for synchronisation

Ease of Use

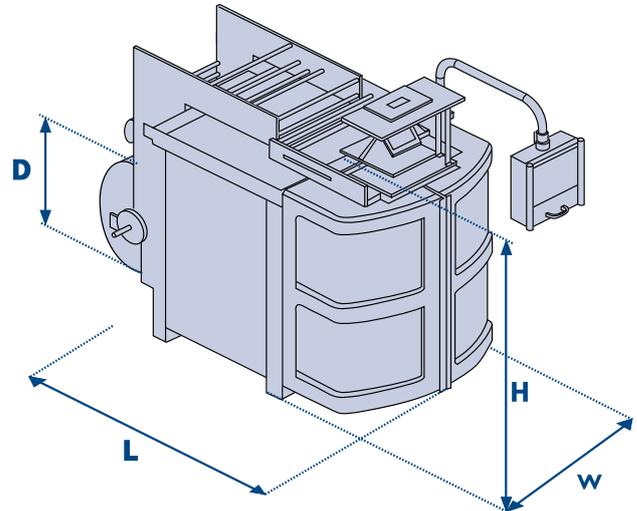
- ▶ Automatic vertical seal bar retraction by machine stop to avoid heat build up at tube
- ▶ Temperature controllers with precise, separate control for front, rear and long seal jaws
- ▶ Film reel for easy roll change (expansion shaft), Self centering and positioning

After Sales Service

- ▶ Low cost on maintenance, uptime guaranteed
- ▶ Global and service network contract possibilities

Application Options

- ▶ Machine Heating-Pack for Deep-frozen environment
- ▶ Machine Wet-Pack for extra machine protection in wet environment
- ▶ Machine Dust-Pack for extra machine protection in dusty environment



Machine Specification

Lima 320 Ultrasonic

Motion Technology	Continuous Motion
Sealing Technology	Ultrasonic
Filmthickness	30µ - 150µ
Bag width	50-300 mm
Bag length	min. 50 mm
Power consumption	10/12,5 kVA
Air requirements	6 bar
Maximum film roll width	630 mm
Maximum film reel diameter (D)	700 mm
Core diameter	76 mm or 150 mm
Maximum machine output	200 bags/min.
Machine weight approximately	950 kg
Dimensions (stand.) HxWxL in mm	1875x1200x2086

