

# Lima-I Series

Intermittent Motion Packaging Machine



Packaging Solutions and Technology

## LIMA-I series

### Highest Packaging Speeds

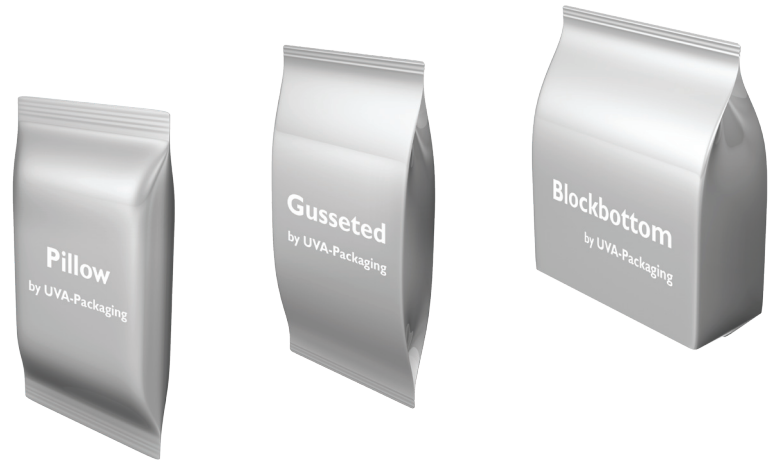
- ▶ All motions by servo technology
- ▶ Block bottom bags up to 100 bpm
- ▶ Guaranteed output

### Highest Quality and Efficiency

- ▶ Design and manufacturing by UVA Packaging
- ▶ All parts and components from A-brands

### World Service Program

- ▶ 24/7 technical support
- ▶ Optional service contract including maintenance



## Contact Details

### Head Office • PMB-UVA International B.V.

T +31 (0)40 282 5000 • F +31 (0)40 282 5001 • Meerenakkerweg 32 • 5652 AV Eindhoven • The Netherlands • sales@uva-packaging.com • www.uva-packaging.com

### Northern American Division • UVA Packaging

T +1-804 275 8067 • F +1-804 271 3096 • 8111 Virginia Pine Ct. • Richmond, Virginia 23237 • United States of America • info@pmb-uvainc.com • www.pmb-uvainc.com

# Detailed Machine Specifications



## LIMA-I 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

### Controls

- ▶ Machine control through Siemens PLC
- ▶ 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
- ▶ 3 Extra inputs for synchronisation
- ▶ RTD temperature probes (PT 100)

### Ease of Use

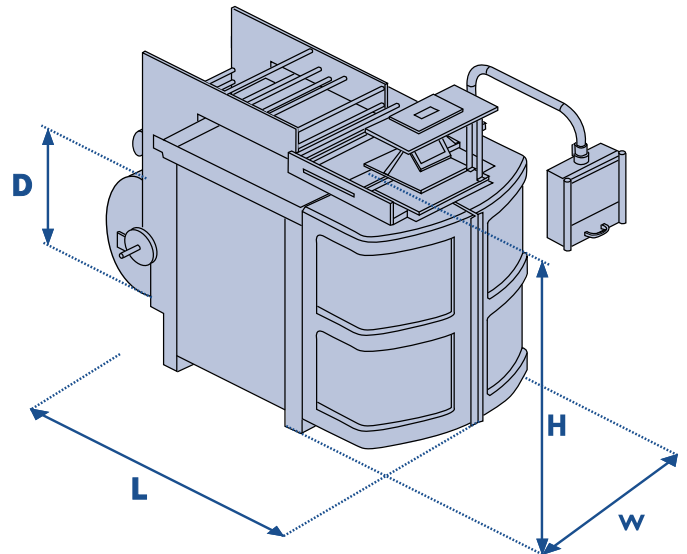
- ▶ Vertical seal bar for long seals
- ▶ Automatic vertical seal bar retraction by machine stop to avoid heat build up at tube
- ▶ Temperature controllers with precise, separate control for front, rear and long seal jaws
- ▶ Film reel for easy roll change (expansion shaft), Self centering and positioning

### 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 250	Lima 320
Technology	Intermittent Motion	
Bag width	50-250 mm	50-320 mm
Bag width, block bottom	40-170 mm	40-270 mm
Front to back, block bottom	30-100 mm	30-130 mm
Bag length	50-400 mm	
Power consumption	10/12,5 kVA	
Air requirements	6 bar	
Maximum film roll width	530 mm	840 mm
Maximum film reel diameter (D)	450 mm or 700 mm	
Core diameter	76 mm or 156 mm	
Maximum machine output	120 bags/min.	
Machine weight approximately	950 kg	
Dimensions (stand.) HxWxL in mm	1725x1200x2086	1875x1200x2086

## Bag Styles

Bag Style	max. Speed
Pillow	✓ 120 bpm
Block Bottom	✓ 100 bpm
Gusseted	✓ 100 bpm

## Ease of Use

Easy opening	✓
Euro log	✓