

UVA-TWINNER™ Series

Twin Continuous Motion Packaging Machine



Packaging Solutions and Technology

LIMA-TWINNER series



Highest Flexibility, Quality and Efficiency

- ▶ Seven bag styles on each machine
- ▶ Two independent operating machines
- ▶ Two film unwinds
- ▶ Multiple film types per machine
- ▶ Designed and manufactured by UVA Packaging standards
- ▶ A-brand components
- ▶ Highest OEE

Benefits

- ▶ Less floor space
- ▶ Lower Capex
- ▶ Reduction in manpower

World Service Program

- ▶ 24/7 technical support
- ▶ Service contract including maintenance

Highest Packaging Speeds

- ▶ Pillow bags up to 400 BPM * (200 per tube)
- ▶ Block Bottom bags up to 280 BPM *
- ▶ Centre line forming tubes at 1080 mm



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Detailed Machine Specifications



LIMA-TWINNER series

Machine Design

- ▶ Robust stainless steel frame
- ▶ A-brand components
- ▶ Single reel per tube
- ▶ Accessible frames
- ▶ Modular and ergonomic design
- ▶ Quick change-over times without tools

Controls

- ▶ Siemens or Allen Bradley
- ▶ Large colour touch screens
- ▶ Servo drives for cross seal, jaw movement and draw off belts
- ▶ Encoder on draw off belts for accurate film transport
- ▶ Film roll unwind motor

Efficiency Management

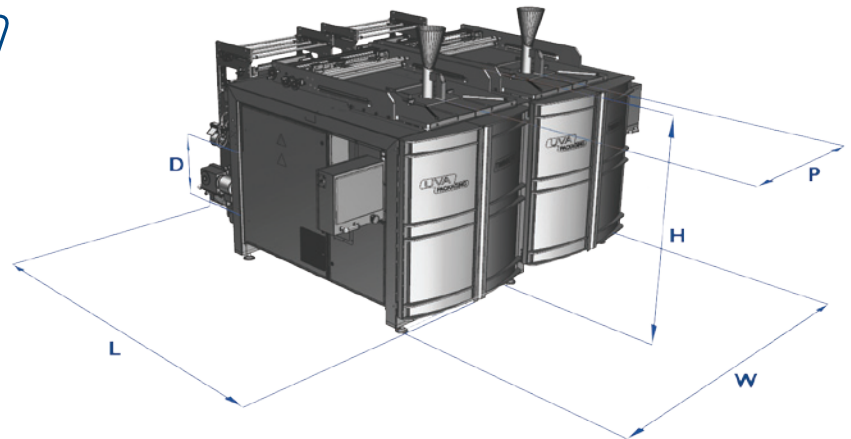
- ▶ Efficiency Statistics monitor with "reason code" interface
- ▶ Drop time adjustment on screen
- ▶ Production counter with reset button at control panel
- ▶ Low air pressure detection with machine stop
- ▶ Easy and quick change of sealing jaws and sealing system
- ▶ Program selectable cross jaw opening for maximum output with different bag sizes
- ▶ Vacuum film draw off system with dry vane vacuum pump
- ▶ Vacuum belts with "gentle" motion film draw off, acceleration / deceleration of belts
- ▶ 6 Extra inputs for synchronisation
- ▶ RTD temperature probes (PT 100)

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

Options

- ▶ Cornerseal unit
- ▶ Gas Flushing
- ▶ Euroloch
- ▶ Stripping on sealing jaws
- ▶ Ceramic sealing jaws
- ▶ Air deflators
- ▶ Automatic film track alignment



Machine Specification	Twin Continuous Motion	
	250	320
Bag width pillow	50-250 mm	50-320 mm
Bag width, block bottom	40-170 mm	40-270 mm
Bag depth, block bottom	30-100 mm	30-130 mm
Bag length	min. 50 mm - max. 600 mm	
Pitch distance filling tubes (P)	1080 mm	
Maximum film roll width	700 mm	
Maximum film roll diameter (D)	550 mm	
Core diameter	76 mm	
Maximum machine output	up to 400 BPM*	
Power consumption	20/22 kVA	
Air requirements	6 bar	
Machine weight approx.	2000 kg	2100 kg
Dimensions (stand.) HxWxL in mm	1600 x 2600 x 2600 mm	

* Speeds depending on product and film.

Bag Styles	max. Speed
Pillow	✓ 400 bpm
Block Bottom	✓ 280 bpm
Gusseted	✓ 280 bpm
Corner Crease	✓ 240 bpm
Corner Seal	✓ 200 bpm
Doy-Style	✓ 200 bpm
Push Pop	✓ 200 bpm

Ease of Use	
Easy opening	✓
Euro log	✓

Note: All specification on this leaflet can be subject to change without prior notification from UVA Packaging BV.

UVA Packaging is a VDL company