

Newton-I Series

Intermittent Motion Packaging Machine



Packaging Solutions and Technology

NEWTON-I series



Highest Packaging Speeds

- ▶ All motions by servo technology
- ▶ Pillow bags up to 120 bpm
- ▶ 3 Kg & corner seal & air deflation & zip at 50 bpm
- ▶ Guaranteed output

Highest Packaging Flexibility

- ▶ Ten bag styles on one machine
- ▶ Multiple film types per machine

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



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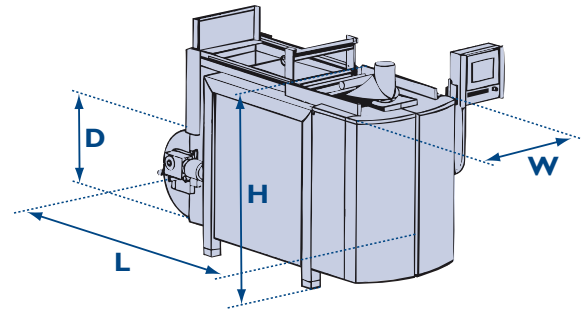
Detailed Machine Specifications



NEWTON-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 or Rockwell
- ▶ 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
- ▶ 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	Newton 250	Newton 400
Technology	Intermittent Motion	
Bag width	50-250 mm	100-400 mm
Bag width, block bottom	40-170 mm	60-270 mm
Front to back, block bottom	30-100 mm	50-140 mm
Bag length	400 mm	600 mm
Power consumption	10/12,5 kVA	
Air requirements	6 bar	
Maximum film roll width	530 mm	840 mm (XL 1040)
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	1745x1000x2390	2165x1000x2530

Bag Styles	max. Speed
Pillow	✓ 120 bpm
Block Bottom	✓ 80 bpm
Gusseted	✓ 80 bpm
Corner Crease	✓ 80 bpm
Corner Seal	✓ 80 bpm
Doy-Style	✓ 80 bpm
Push Pop	✓ 70 bpm
Multi-bag	✓ 70 bpm
Cone bag	✓ 70 bpm

Ease of Use	
Easy opening	✓
Slider zipper	✓
P2C zipper	✓
Carry handle	✓
Euro log	✓