

# Newton-TX Series

Intermittent Motion Packaging Machine



Packaging Solutions and Technology

## NEWTON-TX series

### Economic & Efficient

- ▶ 70% less floor space than conventional DOY packaging line
- ▶ 30 - 50% lower CAPEX than conventional DOY packing line
- ▶ ZERO losses after machine stops
- ▶ Up to 75 bpm DOY style with zipper

### Highest Packaging Flexibility

- ▶ Multiple bagstyle per machine
- ▶ Multiple zipper types per machine (P2C and Slider Zipper)

### World Service Program

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

## P2C & Slider Zipper in one Machine



## 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



## NEWTON-TX 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 Allen Bradley in Newton NTX
- ▶ 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
- ▶ RTD temperature probes (PT 100)

### Ease of Use

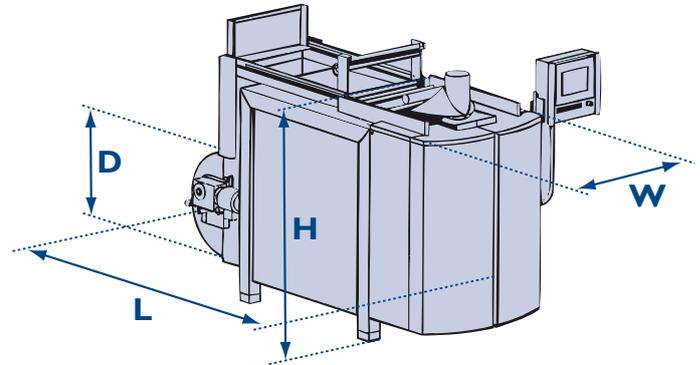
- ▶ Vertical seal bar for long seals
- ▶ Automatic vertical seal bar retraction by machine stop to avoid heat build up at tube
- ▶ Temperature controllers with precise, separate control for front, rear and long seal jaws
- ▶ Film reel for easy roll change (expansion shaft), Self centering and positioning

### 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

	NewtonTX	Newton NTX
Technology	Intermittent Motion	
Bag width	100-400 mm	
Bag width, block bottom	60-270 mm	
Front to back, block bottom	50-140 mm	
Bag length	600 mm	
Power consumption	10/12,5 kVA	
Air requirements	6 bar	
Maximum film roll width	840 mm	
Maximum film reel diameter (D)	450 mm or 700 mm	
Core diameter	76 mm or 156 mm	
Maximum machine output	100 bags/min.	
Machine weight approximately	1350 kg	
Dimensions (stand.) HxWxL in mm	2165x1875x3940	2165x3050x2750

### Bag Styles

	max. Speed	
Pillow	✓ 100 bpm	✓ 100 bpm
Block Bottom	✓ 80 bpm	
Gusseted	✓ 80 bpm	
Doy-Style	✓ 75 bpm	✓ 75 bpm

### Ease of Use

Easy opening	✓
Slider zipper	✓
P2C zipper	✓
Carry handle	✓
Euro log	✓