



# UNIFIED FLEX

## PACKAGING TECHNOLOGIES

*"Creating Partnerships in Flexible Packaging"*

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## Stand Up Pouch Bagging Machine

# DOY ULTRA

### Unified Flex presents Preformed Pouch Packaging Machine – Doy Ultra

Preformed pouch packaging machine designed for quick bag size change overs. This is a servo-controlled machine which requires minimal mechanical adjustments to change bag size. This machine can achieve speeds of up to 20 bags per minute. Its suitable for It can pack DOY stand up pouches with zipper, Box Pouches, 4 Side Seal Pouches and 3 Side seal pouches. A convenient belt driven pouch loading area allows for a rotary arm pickup of pouches. Doy Ultra has 2 main stations, first station opens and fills the bag and the second station seals the bag. Doy Ultra can handle bags from 8" to 14" wide. Wide range of optional features are available for this machine to work with snack food, produce, liquids, coffee and more.



Up to 10-20 pouches/min.

Bag width: 14" max.

Bag length: 18" max.

### Bag style possibilities with this machine



Doy  
Style  
Pouch



Doy  
Rim Style  
Pouch



Box  
Pouch



3 Side  
Seal  
Bag



4 Side  
Seal  
Bag



Spout  
Seal  
Bag

## Doy Ultra Features

- Rotary arm bag pickup with suction cups
- Belt feed bag loading magazine
- Servo driven bag transfer
- Servo controlled bag size adjustment
- Zipper opening function
- Bag detection before filling
- Independent vacuum pump
- Vacuum sensors to ensure bag opening
- Simple, clean and robust design
- Precise fabrication & assembly
- Meets electrical & safety standards
- Quick return on investment
- 7" Easy to use Touch screen
- PLC controlled functionality
- Digital temperature controllers
- Easy and quick bag change over
- Wide range of suction cups available
- Strong gripper fingers to hold bag firmly
- Thompson shaft & linear bearings
- Adjustable suction cup mounting elements
- Off the shelf spare parts
- Easy replacement of wear & tear parts
- #304 Stainless construction
- Safety control sensors

## Doy Ultra Technical Specifications

Standard technical data	Doy Ultra	Suction source	Vacuum pump
Bag width	8-14 inches	Electronic control	PLC
Bag length	8-18 inches	Human machine interface	Touch Panel
Speed bags/min	Up to 20	Electrical power supply	AC single phase 220V/60 Hz
Machine width	76"	Power consumption	1.5 KW
Machine length	48"	Compressed air volume	40 CFM
Machine height	60"	Air pressure	80 psi
Horizontal jaw activation	Pneumatic		

## Doy Ultra Optional Features

- Nitrogen gas flush
- Vacuum Pack
- Hopper shaking
- Product settling
- Filling tube exhaust
- Inkjet printer
- Take away conveyor
- Indexing conveyor
- Lazy Susan bag collector