



UNIFIED FLEX PACKAGING TECHNOLOGIES

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Stand Up Pouch Bagging Machine

DOY 4 * (")

Preformed pouch packaging machine designed for to production volumes. It can pack Doy Stand-Up Pouches with zipper, , 4 Side Seal Pouches and 3 Side seal pouches. This machine runs mechanism for smooth flow of pouches in a linear path. A convenient belt driven pouch loading area allows for a rotary arm pickup of pouches.

pouches are flexed and opened to receive product from a dosing machine. pouches are then sealed and transitioned out of the machine. Bag size change over are easy and quick. Wide range of optional features are available for this machine to work with snack food, produce, liquids, coffee and more.



Doy Sigma Features

- Motorized bag feeding system
- Mechanical arm for bag pickup
- Servo motor for linear bag movement
- Vacuum generator and suction cups
- Bag detection before filling
- 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
- Vacuum sensors to ensure bag opening
- Strong gripper fingers to hold bag firmly
- Thompson shaft & linear bearings
- Adjustable suction cup mounting elements
- Position sensors on all cylinders
- Off the shelf spare parts
- Easy replacement of wear & tear parts
- #304 Stainless construction
- Safety control sensors

Doy Sigma Technical Specifications

Standard technical data	Doy Sigma	Electronic control	PLC
Bag width	4.75" - 10.50"	Human machine interface	Touch Panel
Bag Length	6" - 13.75"	Electrical power supply	AC single phase 220V/60 Hz
Machine height	56"	Power consumption	2.0 KW
Machine width	52"	Compressed air volume	40 CFM
Machine length	65"	Air pressure	80 psi
Horizontal jaw activation	Pneumatic		
Suction Source	Vacuum Generator		

Doy Sigma Optional Features

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