

# BAGGERS

## Vertical Bagger

### TS Series



## Complete Packaging Systems

The TS series of vertical bagging machines, also known as VFFS (Vertical Form-Fill-Seal), comprises three models of automatic packing machine where, starting from a roll stock of heat-sealable film, using a forming tube, the bag is shaped, filled and hermetically sealed. This machine is specially designed to work in the food industry, being able to do it in other industries as well. Robust equipment, with a simple design but with high technology that offers high performance and seeking to reduce operational costs of the packaging process.

Different type of bags is possible out of our TS Series machines such as pillow bags, flat-bottom bags and small sachets.

The integration to any kind of filler or portioner is possible and very easy. Our expertise is to connect the TS VFFS machine to Multihead Weighers, Auger Fillers, Volumetric Cups Filler, Counting Systems, rotary pump and more.

Machine type	TS-4000	TS-5000	TS-6200
Mode of operation	Intermittent	Intermittent	Intermittent
Mechanical speed	up to 90 cycles/min	up to 90 cycles/min	up to 90 cycles/min
Bag length	50 - 230 mm	60 - 300 mm	70-380 mm
Bag Length with double vertical sealing and higher machine frame	up to 270mm	up to 380 mm	up to 440 mm
Film Width	140 - 400 mm	180 - 500 mm	240 -620 mm
Quick change over	no tools required	no tools required	no tools required
End seal jaw system	Servomotor	Servomotor	Servomotor
Pulling belts system	Servomotor	Servomotor	Servomotor
Program storage	up to 100	up to 100	up to 100
Film roll OD max	20" / 500 mm	20" / 500 mm	20" / 500 mm
Film core	3 " / 75 mm	3 " / 75 mm	3 " / 75 mm



Vertical Bagger with Auger Filler  
(For powder Products)



Vertical Bagger with horizontal conveyor  
(For manual feeding)



Vertical Bagger with Volumetric Cups Filler  
and inline labeler applicator  
(For granulated Products)



Vertical Bagger with Volumetric Cups Filler  
(For granulated Products)

# BAGGERS

## Vertical Bagger

### TSS Series



Stick Pack



4 Side Seal Sachets



3 Side Seal Sachets

**5 in 1: Unique machine able to make 3 side-seal sachets, 4 side-seal sachets, pillow bag, bags chain and stick pack in one**

#### Applicable Product

Kinds of powder ( milk powder, coffee powder), Chocolate, Seed, Salt, Nuts, Sugar, etc.

#### Technical Feature

- ◆ PLC controller with touch screen interface.
- ◆ Servo drive for film pulling system.
- ◆ Pneumatic driven horizontal end sealing.
- ◆ Intelligent temperature control, sealing more perfect.
- ◆ Round corner made by die cutting.
- ◆ Eye mark sensor for film tracking.

#### Optional Device

- Tear notch device
- round-corner device.
- Static eliminator.
- Date printing.
- Nitrogen gas flushing



Description	1 Lane machine		2 Lane machine			4 Lane machine	
Model	TSS100	TSS240	TSS240B	TSS240BS	TSS240BT	TSS240F	TSS240FS
Max. film Width	240mm		240mm			240mm	
Bag Width	20-60mm (round corner bag)	40-120mm(pillow)	20-100mm(pillow) 20-120mm(3/4 side)	20-60mm	40-80mm	20-100mm(pillow) 20-120mm(3/4 side)	20-60mm
Bag Length	50-200 mm	40-150mm	40-200mm	50-200mm	50-110mm	40-200mm	50-200mm
Packing Speed	10-25 bags/min	10-70bags/min	10-70bags/min /lane	10-25bags/min /lane	10-70bags/min /lane	10-70bags/min /lane	10-25bags/min /lane
Power Supply	3KW	3KW	4.5KW			9KW	
Compressed Air requirements	200L/min	200L/min	400L/min			800L/min	
Machine dimension	L1018*W1328*H1709mm	L1200*H910*H1235mm	L1582*W1362*H1626mm			L3084*W1362*1626mm	

*The best solution for  
Co-packer companies*

# BAGGERS

Vertical Bagger

TSS Series (Sachets, Stick Pack, Triangle, Pillow)

**TEPPACK**<sup>®</sup>  
PACKAGING ENGINEERING

## Complete Solutions:



### ONE HEAD MACHINE



With Auger Filler for powder products



With Pistón Filler or Flow Meter for liquid/paste products

### TWO HEADS MACHINE



With Volumetric Cups Filler for granulated products



With Auger Filler for powder products

### FOUR HEADS MACHINE



With Auger Filler for powder products

Each head suitable to pack different product, different size, different type of bags or the same one)

# BAGGER

## Horizontal Flow Wrapper

**TEPPACK**<sup>®</sup>  
PACKAGING ENGINEERING



Main features:

1. The control power supply is single-phase 220V, 50HZ, and the total power of the equipment is less than 6KW.
2. The machine adopts functions of production counting, counting pausing, counting accumulation, automatic tracking, alarm warning, trouble shooting and error content.
3. The machine adopts servo power distribution control to automatically find the best cutting point, measure the bag length, restart after failure, recipe memory, etc.
4. The design of the horizontal seal heating circuit adopts easy disassembly and assembly with no exposure.
5. The equipment is composed of a input conveyor and a host packaging machine, which can realize stepless speed regulation within a required range.
6. The performance of the equipment complies with the relevant national safety and environmental protection standards and regulations. All exposed transmission areas have removable safety protection covers.
7. Instruction light power supply uses 24V safety voltage.

Models	SF-E	SF-E	SF-E	SF-E	SF-E	SF-E
	450/99	450/120	450/150	590/120	590/150	680/180
Film Width (mm)	450	450	450	590	590	660
Package Size						
L: length (mm)	90-400	90-400	120-450	90-400	120-450	140-480
W: width (mm)	10-150	10-150	10-150	30-200	30-200	30-220
H: height with single jaw (mm)	5-25	10-30	30-50	10-30	30-50	40-70
H: height with double jaw (mm)	25-40	30-55	40-75	30-55	40-75	60-100
Production capacity	30-200	30-180	30-150	30-150	30-120	30-100
(bags/min)						
Dimensions (mm)	5000*900*1750			5000*1040*1750		
Packaging Materials	Composite film suitable for heat-sealing packaging, OPP/PP, PT/PE, AL/PE, etc.:					
Total weight (kg)	1000			1200		

# BAGGERS

## Rotary bagger for premade bags



### NP Series Simplex

The NP Series machines use Pre-made Pouches to fill and seal. Through its 8 stations the pouch is gently handled to open the mouth with or without zipper, ensure the bottom is also open to guarantee the product settle to the bottom and then seal with hot and cold sealers.

All parts in contact to the product and the pouche are made of hygienic Stainless Steel, all sensitive parts and components with cover or especial material to protect them against the water.

Wash-Down design is also available for wet process.

Suitable to manage stand-Up pouches with/without zipper, Stand-Up pouches with corner spout or center spout (to fill from the bottom), flat bags.

This machine can be integrated to receive product from a wide range of filling systems such as Multihead Weigher, Auger Filler, Liquid Filling Devices, counter systems, volumetric cups filler and also a combination of 2 of them



Model	Simplex Type			
	NP6S-350	NP8S-250	NP8S-320	NP10S-250
Stations	6	8	8	10
Pouch Width (mm)	160-350	90-250	140-320	90-250
Pouch Length (mm)	150-350 (420)	150-350 (420)	150-350 (420)	150-350 (420)
Speed (PPM)	30-40	30-50	30-50	30-50
	Actual speed may vary depending on product characteristics and feeding conditions			
Machine size (W x L x H)	2150 x 2200 x 2000	2000 x 2200 x 2000	2400 x 2300 x 2000	2400 x 2200 x 2000
Weight (Kg)	2300	2200	2300	2400
power	220-380 V / 3ph , 50/60Hz			
electricity consumption	3.5kw			
pneumatic consumption	650NL/MIN			

### NP Series Simplex



# BAGGERS

## Rotary bagger for premade bags



### NP Series Duplex

The NP Series machines use Pre-made Pouches to fill and seal. Through its 8 stations the pouch is gently handled to open the mouth with or without zipper, ensure the bottom is also open to guarantee the product settle to the bottom and then seal with hot and cold sealers.

All parts in contact to the product and the pouche are made of hygienic Stainless Steel, all sensitive parts and components with cover or especial material to protect them against the water.

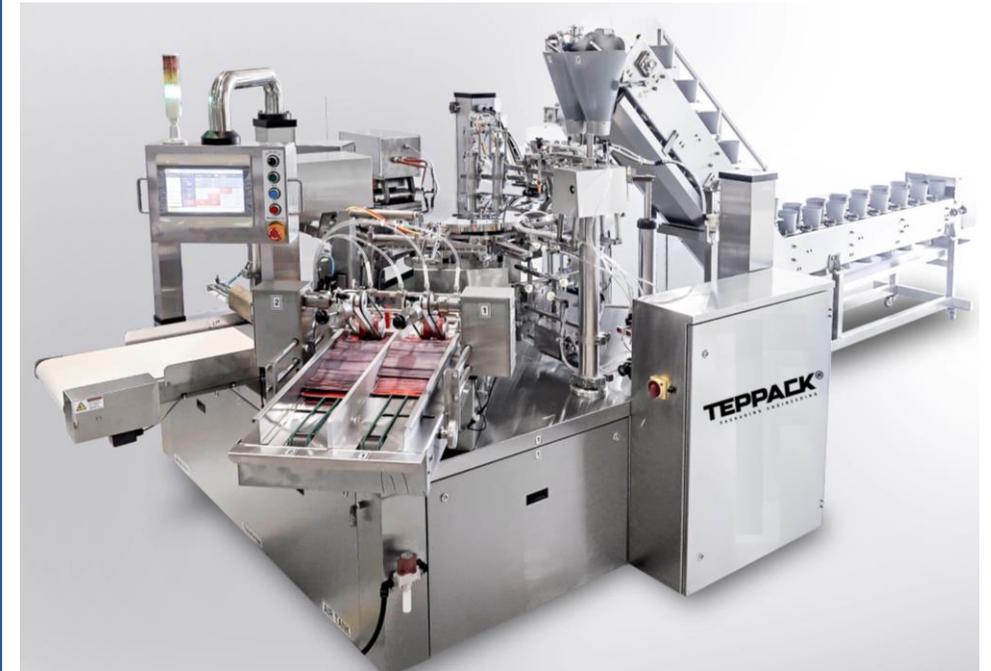
Wash-Down design is also available for wet process.

Suitable to manage stand-Up pouches with/without zipper, Stand-Up pouches with corner spout or center spout (to fill from the bottom), flat bags.

This machine can be integrated to receive product from a wide range of filling systems such as Multihead Weigher, Auger Filler, Liquid Filling Devices, counter systems, volumetric cups filler and also a combination of 2 of them

Model	Duplex		
	NP 8S-120D	NP8S-150D	NP8S-200D
Stations	8	8	8
Pouch Width (mm)	80-120	90-150	140-200
Pouch Length (mm)	150-350	150-350	150-350
Speed (PPM)	80-90	80-90	80-90
	Actual speed may vary depending on product characteristics and charging conditions		
Machine size (W x L x H)	2400 x 2300 x 2000	2400 x 2300 x 2000	2550 x 2450 x 2000
Weight (Kg)	2400		
power	220-380 V / 3ph , 50/60Hz		
electricity consumption	5 kW		
pneumatic consumption	1060NL/MIN		

### NP Series Duplex



# BAGGERS

## Rotary bagger for premade bags

### TRM-Series



The TRM – TRA Series machines use Pre-made Pouches to fill and seal. Through its 8 stations the pouch is gently handled to open the mouth with or without zipper, ensure the bottom is also open to guarantee the product settle to the bottom and then seal with hot and cold sealers.

All parts in contact to the product and the pouch are made of hygienic Stainless Steel, all sensitive parts and components with cover or especial material to protect them against the water.

Wash-Down design is also available for wet process.

Suitable to manage stand-Up pouches with/without zipper, Stand-Up pouches with corner spout or center spout (to fill from the bottom), flat bags.

This machine can be integrated to receive product from a wide range of filling systems such as Multihead Weigher, Auger Filler, Liquid Filling Devices, counter systems, volumetric cups filler and also a combination of 2 of them

Model	TRM-200	TRM-300	TRA-250	TRA-300A
Pouch Type	stand-up pouches with or without spout, zipper bags, three-side seal bags			
Bag Size	W:80-210 mm	W:190-300 mm	W:100-250 mm	W:150-300 mm
	L:100-300mm	L: 100-300mm	L: 150-350mm	L: 200-450mm
Max.Filling	2000g	2500g	2000g	5000g
Max. Mechanical Speed	Up to 60 bags/min	Up to 45 bags/min	Up to 50 bags/min	Up to 35 bags/min
Power	4kw	5kw	4kw	5kw
Dimension	2200*1550*1410	2450*1750*1450	2450*1650*1575	2800*2150*1850
Air consumption	0.6m <sup>3</sup> /min		0.8m <sup>3</sup> /min	

#### TRM Series Simplex



#### TRA Series Simplex

