



# 300-series Seal Bar Type

TOPACK 300 Series Seal Bar Type - Fin Sealing Vertical Pouch Forming, Filling and Packaging Machines

## N-360/MN-360

*Introducing our new fin sealing and packaging machines featuring the seal bar system for vertical and horizontal heat sealing.*

### **Servomotor**

The servomotor used for the up/down operation of the horizontal seal bar enables easy alignment of a print registration system and change of the pouch length with simple input of data.

### **Seal bar heat sealing system**

The seal bar system ensures uniform sealing pressure in vertical and horizontal heat sealing. It provides a longer sealing time than a seal roller system, and achieves a stronger sealing result.

### **Low price**

Advanced technologies are used to simplify the mechanisms and reduce the price.

### **Safety measures**

Covers are provided for potentially dangerous sections that can cause burns, entanglement or cuts. When a cover is opened, the machine operation stops to ensure safety.

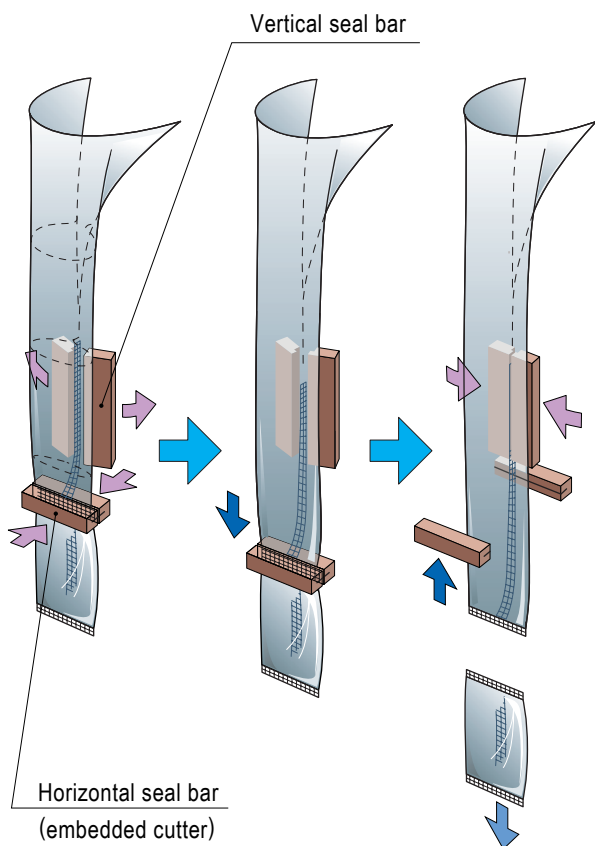


The photo shows the N-360 model.

**The up/down movement of the horizontal seal bar ensures smooth packaging operation.**

## ■ N-360/MN-360

The N-360 and MN-360 fin sealing machines use the up/down movement of the horizontal seal bar to form a pouch from preprinted film on a roll, then fill it with weighed powder or granule material, seal it with the vertical and horizontal seal bars and cut the pouch.



### Application examples

- Foods, medicines and chemicals in powder, granule, and grain form.

### Standard equipment

- Print registration system
- Servo control panel
- Inverter system
- Heater disconnection detector
- Film tensioner
- Film end detector
- Tachometer
- Seal bar embedded cutter
- Total counter
- Safety cover with auto-stop

### Optional equipment

- Adjustable volumetric controller
- Vibration feeding system
- Bucket conveyor system
- Hopper level switch
- Joined tape detector
- Code printer (Hot printer)
- Perforator and multiple cutter
- Serrated cutter
- Belt conveyor

### Film material and dimensions

- Heat-sealable laminated film
- Film roll outer diameter: 350 mm or less, diameter of core paper roll: 76 mm

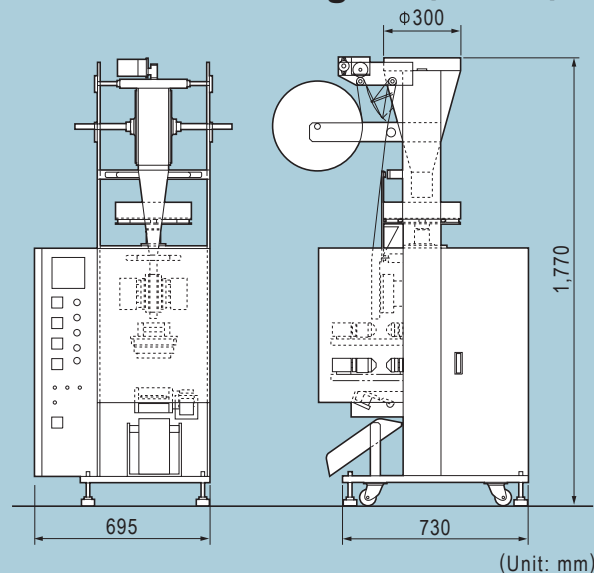
## ■ Main specification

Also available are the N-340 and MN-340 machines which use a roller system for feeding film.

	Small pouch machine		Large pouch machine	
Sealing style	Fin seal			
Model	N-340	N-360	MN-340	MN-360
Film feeding system	Roller system	Moving seal bar system	Roller system	Moving seal bar system
Filling capacity*	0.5 to 30g (standard value for granulated sugar)		30 to 150g (standard value for granulated sugar)	
Packaging speed*	30 to 100 pouches/min		20 to 60 pouches/min	
Pouch size	Width: 15 to 70mm Length: 40 to 130mm		Width: 50 to 110mm Length: 40 to 180mm	
Pouch width adjustment	Change film guide			
Pouch length adjustment	Servomotor system			
Power consumption	Approx. 1.6 kw (3-phase 200V)			
Air consumption	Approx. 0.5MPa · 120 liter/min (ANR)			
Machine dimensions	695(W) 730(D) 1,770(H)mm			
Machine weight	Approx. 300kg			

\*Specifications vary depending on the filling product, packaging material and pouch size.

## ■ Dimensional diagram(N-360)



(Unit: mm)

\*Specifications are subject to change without notice.



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