

Delicate handling of Fruits and Vegetables

Pack 201FV



BOSCH

Invented for life



Benefits

- ▶ Delicate product handling
- ▶ Short changeover times
- ▶ Easy Maintenance
- ▶ Full stainless steel execution (optional)
- ▶ Flexible

The “FV” execution of the Pack 201 was developed in close collaboration with major customers in the agriculture industry. The Pack 201FV offers an innovative and versatile solution that complies with the specific demands and challenges of packaging fresh produce.

Delicate product handling

To ensure delicate product handling and prevent product damage, the machine features carriers fixed to the infeed chain to reduce friction and heat during handling. Small support rollers on the deck plates reduce tensile load on the film, which helps prevent film breaks when running heavy products. This enables manufacturers to save material costs by using thinner, more cost effective packaging material.

Short changeover times

The robust machine design accommodates short changeover times in a market where product types vary from season to season. Easy format changes for packaging various sized products are made with the adjustable folding box, allowing maximum machine efficiency and improved package quality. All mechanical settings are stored in the products recipe.

Easy Maintenance

The machine design incorporates minimal parts to increase reliability, streamline maintenance, and allows for greater adaptability. Outstanding accessibility makes the machine easy to clean.

Full stainless steel execution

For applications that require a high level of sanitation, the Pack 201FV can be executed in full stainless steel. This safeguards the machine against damage caused by leakage, spoilage, cleaning and humid environments.

Flexible

Thanks to the Bosch modular machine design your packaging production line can grow with your business. The Pack 201FV can operate as a standalone machine or with additional equipment integrated such as Delta robots for primary or secondary packaging and various infeed modules.

Left: Adjustable folding box
Middle: Flightbar transport
Right: Stainless steel execution



Standard machine

- ▶ Basic handfed design infed table
- ▶ Stainless steel product contact parts
- ▶ 1 film reel holder with a width of 650 mm
- ▶ Two way film eye spot registration for optimal control
- ▶ One exchangeable fixed formers
- ▶ Three sets of finwheels each built in a separate hygienic housing
- ▶ 1 set of rotating crimper jaws
- ▶ Temperature control via separate controls on electrical cabinet
- ▶ WinPack PC control using a Windows CE operation system and graphic HMI
- ▶ All software and recipes on Flash Card
- ▶ Pre-programmable controls for up to 20 products

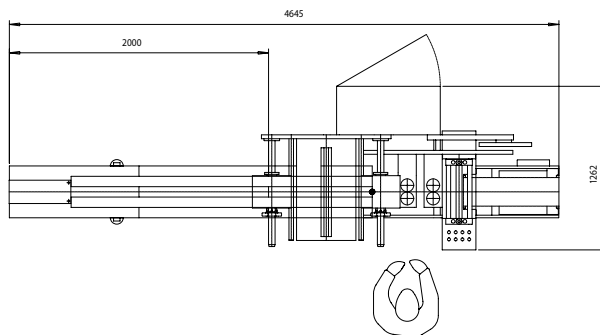
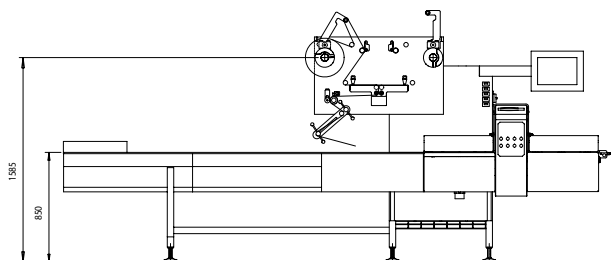
A selection of optional features

- ▶ Available in stainless steel execution
- ▶ Rockwell Automation (AB) ControlLogix machine control with PanelView 700 plus touchscreen
- ▶ Color Touchscreen 12" WinPack
- ▶ Chain with carriers to ensure delicate product handling and prevent product damage
- ▶ Adjustable former for fast changeover times
- ▶ Automatic film splicer
- ▶ Low friction coatings available in deck plates to reduce tensile load on the film and to avoid film rupture even for heavy products
- ▶ Slat conveyor transportation through cross seal unit to optimize product support
- ▶ "No Gap - No Seal" function to avoid product jam between the cross seal jaws resulting in lower downtime
- ▶ Gas flushing available

Technical Specifications

Product Range		
Dimensions	Min.	Max.
Product length	40 mm (1.5")	565 mm (22.2")
Product width	12 mm (.5")	250 mm (9.8")
Product height	6 mm (.23")	110 mm (4.3")
Film reel		
Reel diameter	max. 400 mm (15.7")	
Reel weight	max.35 kgs	
Inner core diameter	70/76 mm (2.8/3")	
Film sealing		
Fin seal height	11 mm/ 14 mm/ 20 mm (.4/ .6/ .8")	
Cross seal width	20 mm/ 25 mm (.8/ .98")	
Max. Cut-off Length/ mm (inches)		
Number of Jaws		
Head Diameter	1-up	2-up
100 mm	314 (12.3")	157 (6.2")
120 mm	377 (14.8")	189 (7.4")
150 mm	471 (18.5")	236 (9.3")
180 mm	565 (22.2")	283 (11.1")
Capacity		
Max. Capacity (2-up)	250 ppm	
Max. Film speed	40 mm(1,575"/min)	
Electrical		
Standard supply	208 - 240V, 3 phase	
Power supply	50 Hz or 60 Hz	
Power	15 amps	
Control circuit	24 VDC	
Pneumatics		
Pneumatics	min. 6 bar, 80 psi	
Color	RAL 9006, FDA approved	
Working height	650/ 850/ 930 mm (25.6/ 33.5/ 36.6")	

Footprint (mm)



How will you feed your wrapper or box your wrapped products?



Add a cost saving and user friendly Bosch Delta Robot. Average payback in 16-24 months!



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