



Pack 201

Horizontal flow wrapper



BOSCH
Invented for life

Application Information

Products

Ideal for mid-speed, multi-product applications, the Pack 201 can wrap individual or grouped products including bakery goods, bars, trays, fresh and frozen products, confectionery, snacks, medical products, prepared foods, household goods, and many other foods and non-foods.

High sanitation level

The infeed, finwheels, and cutting head are cantilevered for sanitation and a high amount of stainless steel parts are incorporated in the standard execution. Sloped surfaces on the infeed enable debris to drop through and the longitudinal sealing finwheels are built in separate hygienic housings.

Superior package quality

Bosch finwheel and crimper seal technology provide superior seal integrity and easily adjustable package tightness.

Automation and speed capabilities

The Pack 201 easily integrates with Bosch's Pack Feeders for automated product feeding. A high speed version is also available, the Pack 201 HS, that increases the maximum film speed 50% up to 60m/min and can produce up to 450ppm. The Pack 201 HS comes standard with a dual film reel holder and manual splice table to minimize down-time for film changes. Auto splice options are also available.

Short changeover times

Fast and easy format changes are accomplished using an adjustable or quick change former. Optional, self-centering film reel holders hasten film changes and pre-programmable controls store machine parameters for software controlled adjustments.

Your Benefits

- ▶ **Flexible**
Fast format changes for packaging various size products
- ▶ **Robust and reliable**
Designed for 24 hour, 7 day per week operation utilizing production proven technology and high quality parts
- ▶ **High sanitation level**
Designed for easy accessibility and cleaning

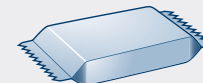
Package Styles



Pillow



Gusset



Easy Opening



Hole Punch

Product Handling

Pick & Place | Distribution | Feeding

Horizontal Flow Wrapping

Primary Packaging | Multipack

Pack 201

Secondary Packaging

Top Loading | Cartoning | Case Packing

- 1: Standard single film spindle with optional AB controls
- 2: Standard key pad HMI
- 3: Optional printer/ coder mounting



Standard Features

- ▶ Basic handfed design infeed conveyor
- ▶ Stainless steel product contact parts
- ▶ 1 film reel holder capable of holding up to a 650 mm film reel
- ▶ Photocell for film registration control
- ▶ One exchangeable fixed former
- ▶ 1 set of rotating crimper jaws
- ▶ WinPack Core PC control using a Windows CE operation system and keypad HMI

Optional Features (**HS** Standard feature on 201 HS)

- ▶ Rockwell Automation (AB) ControlLogix with PV 700+ touchscreen
- ▶ Color Touchscreen with WinPack
- ▶ Second film reel holder with manual splice table **HS**
- ▶ Brackets for printer
- ▶ Almost empty film reel detection
- ▶ Automatic film splicer
- ▶ Servo controlled powered film feed roller **HS**
- ▶ Preheating between the first and second finwheels
- ▶ Air evacuation device for tight packages
- ▶ Flightbar transport through cross seal unit
- ▶ Gusseting device
- ▶ Delta hole punch
- ▶ No product - no bag feature
- ▶ No gap - no seal feature
- ▶ Air reject of incorrect or empty packages
- ▶ Adjustable former
- ▶ Stainless steel execution
- ▶ Gas flushing
- ▶ Powered fin foldover **HS**

Options available only on the 201 HS

- ▶ End of film auto splice with knife mechanism
- ▶ Self-centering film roller
- ▶ Peeling roller - improves the consistency of unwinding cold seal films
- ▶ 3-up jaw configuration

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Specifications

Product Range	Min.	Max.
Product length	40 mm (1.5")	565 mm (22.2")
Product width	12 mm (0.47")	250 mm (9.8")
Product height	6 mm (0.23")	110 mm (4.3")
Film reel		
Reel diameter		max. 400 mm (15.7")
Reel width		max. 650 mm (25.6")
Reel weight		max. 35 kgs (77 lbs)
Inner core diameter		70 or 76 mm (2.8/3")
Film sealing		
Fin seal height	11mm/ 14mm/ 20mm (0.4/ 0.6/ 0.8")	
Cross seal width	20 mm or 25 mm (0.8/ 0.98")	
Capacity		
	Pack 201	Pack 201 HS
Max. Capacity (2-up)	250 ppm	300 ppm
Max. Capacity (3-up)	N/A	450 ppm
Max. Film speed	40m/min (1,575"/min)	60m/min (2,362"/min)
Electrical		
Standard supply	208-240 V, 1 phase	
Power supply	50 Hz or 60 Hz	
Power	15 amps	
Control circuit	24 VDC	
Pneumatics		
	min. 6 bar (80 psi)	
Color		
	RAL 9006, FDA approved	
Working height		
	650/850/930 mm ± 40mm (25.6/33.5/33.6")	

Layouts (mm)

