









The Long Dwell HS (High Speed) sealing system: 2 or 4 jaws for a maximum speed of 400 cycles/min.



### Speed:

Up to 150 mechanical cycles a minute thanks to the Long Dwell sealing system (PFM patent), excellent overall machine dimensions, perfect temperature control, precise film feed system and precise, electronic unwind that operates with maximum efficiency.

#### Servo version:

General machine operations driven by brushless motors with a direct electronic axis. User-friendly man-machine interface with intuitive programming system. Touch-screen colour control panel. On-line connection available for remote control.

#### Structure:

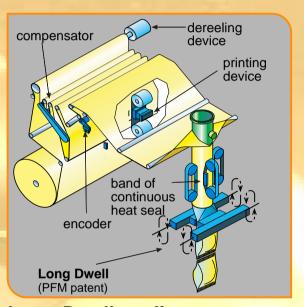
Cantilevered construction to make cleaning and sanitizing operations easier. The mechanical and electronic parts are housed in separate and protected areas. The front of the machine is free from obstruction and the sealing units are easy to access.

#### **Feeding action:**

The material is pulled continuously by side belts with automatic centering, a central presser and electronic position

The management software constantly checks the position of the material with respect to the sealing unit, thus ensuring maximum precision of the pack length and print position.









Up: sistema di caricamento automatico ad alveoli.

**Long Dwell sealing system:** Temperature, Pressure and Time are the three principle factors that when optimized, using appropriate wrapping material, enables high Integrity/Hermetic sealing to be achieved. The PFM Long Dwell sealing systems with equal temperature and pressure allow for a longer sealing time than the traditional rotary system. By taking advantage of the Time / Pressure element, Hermetic Sealing and high speed wrapping is, therefore, possible.

#### Flow pack



## Forming tubes:

The perfect styling of the packs is the end result of detailed studies of the shape of the forming tube using dedicated software to meet specific requirements.

Flow-pack or square bottom packs with handle or off-centre sealing.

#### Square bottom



Examples of the "Square Bottom" packaging.



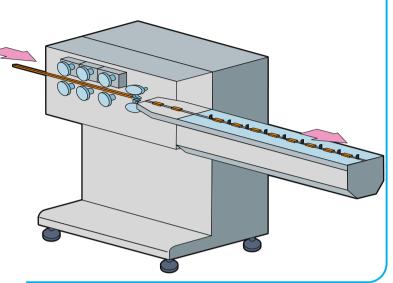
# **Loading and Cutting Systems**



To cut bubble gum or toffee cord from the extrusion and pre-rolling line into uniform pieces.

- Speed: up to 1,600 cuts a minute.
- Three rollers with second and third variable speed roller: perfect product cord pulling and excellent elongation compensation.
- Cantilevered construction: very easy to clean in every visible or hidden point.
- Cutting unit with balanced titanium levers with only two (upper and lower) cutting blades that perform an elliptical movement (PFM patent): clean and attractive absolutely perpendicular cut, perfect weight, no production waste, easy to clean.
- Double side swivel to synchronise the product with the pitch of the loading belt.
- Internal lubrication circuit for moving parts.
- Brushless motor electronic operation: maximum operating control and perfect synchronism with the flow pack.

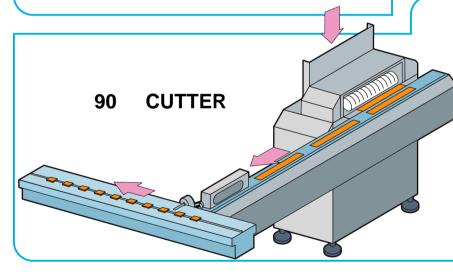






To pre-cut and load pieces of pre-dried chewing gum in homogeneous strips at 90 on the flow pack.

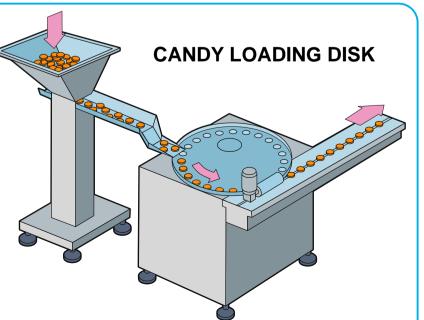
- Up to 80 movements a minute: from 1,000 to 1,500 portions a minute.
- Micrometric adjustment of the distance between the cutting rollers.
- · Pushers with variable timing.
- Mechanical breaker with adjustable advance system.
- · Adjustable storage unit for product loading.
- Constructed for perfect machine cleansing.



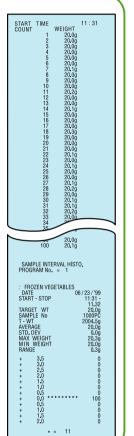


To load round, oval, rectangular and square hard candies automatically on the flow pack.

- Speed: up to 1,800 loading operations a minute.
- Disk braking system for perfect loading of the product on the flow pack belt.
- Electronic operation with brushless motors.
- Double plate with reverse movement.
- Heated plate.
- Easy to replace disk for rapid size change.

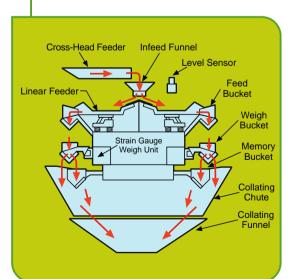


# Multihead Weighers



The RCU-500 printer provides a hard copy of data.

The printout can include statistics as well as individual or total weights for production control.





**Sanitary:** All the models have springless hoppers with large radius corners. The radial linear feeder drives are totally enclosed with no exposed wiring.

Parts that come in contact with the product can be removed quickly and easily, without any tools. All models meet IP65 requirements.

**Simple:** The large, high-resolution electro-luminescent display (640 X 400 dpi) is easy to read, even at an angle.

Easy to understand graphics and help messages can be used by inexperienced operators.

Extensive self-diagnosis functions are provided as messages on the screen, so that faults can be quickly repaired.

The interchangeable, intelligent and modular weighing heads eliminate the need for a main control box.

Just change a unit to get right back on-line.

Fast service and maintenance eliminate production downtime.

**Quiet:** Springless buckets and the counterphase open/closed stepper motor ensure noise-free mechanical operation. And the standard, fully-enclosed linear vibrators eliminate virtually all noise.

For noisy products (such as nuts and hard candies), a special stainless steel "sandwich" construction makes the Dataweigh Series the benchmark for the industry.

**High Performance:** Thanks to the 32-bit super control console weighing is fast and extremely accurate.

It automatically calculates all operating parameters quickly and precisely, and even for the most difficult to weigh products.

Complete operator prompts and dialogs are selected using the touch screen panel.

The sealed stepper motor actuator unit offers absolute repeatability under conditions.

Technical Data:			
	Candy	Blizzard High Speed	PV 260 Long Dwell
Products:	Round, square and oval Hard Sweets, Chewing Gum, Bubble Gum, Toffee.	Round, square and oval Hard Sweets, Chewing Gum, Bubble Gum, Toffee.	Granular Products, Sweets
Speed cycles/min:	Up to 1.100	Hard Sweets: 1.800/2.000 Chewign Gum: 1.000/1.200 Bubble Gum: 1.500/1.600 Toffee: S.T.	Up to 150
Type of Infeed:	Loading Disk, 90 Cutter, In Line Cutter.	-Loading Disk, 90 Cutter, In Line Cutter.	Linear Weighers, Multihead Weighers, Volumetric Dosing Systems, Hived Calculation Systems
Wrapping Material:	Laminated or bonded polypropylene and polyethylene or High Speed cold-sealable materials	Laminated or bonded polypropylene and polyethylene or High Speed cold-sealable materials	Laminated or bonded polypropylene
Structure:	Cantilevered Ral + AISI 304	Cantilevered Ral + AISI 304	Ral + AISI 304
Crimper Width:	mm 250	mm 250	mm 520
Reel Diameter:	mm 350	mm 350	mm 350
Crimpers per Shaft:	2-4-6	2-4-6	1 Long Dwell, 1-2 Rotary)
Weight:	Kg 950	Kg 1.500	Kg 1.110
Power Supply:	380 V 3phase + N + E	380 V 3phase + N + E	380 V 3phase + N + E
Power Consumption:	Kw 6.3	Kw 7	Kw 4

Note: The technical data related to the wrapping speeds and the ones related to the dimensions of the products are calculated considering the variables separately. As a consequence, the maximum speeds are not reachable with the larger products being the specific wrapping speed determined in function of the dimensions of the specific product. Techical data must be confirmed by PFM. PFM reserves the right to modify technical data without previous notice.



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