EURO 77

FLOW WRAPPING SOLUTIONS FOR CANDIES, JELLIES, GUMS AND LOLLIPOPS

eurosicma™
packaging solutions

- Innovation from experience since 1965
- Compact solution for high-tech and high-performance machines
- Modular arrangement to meet the most various needs
- Flexible wrapping machine suitable to handle different products with dedicated feeding systems
- User-friendly machine fully servo-driven with many different parameter settings through PC controller

The Euro77 wrapping machine is the most advanced Eurosicma's proposal for the candies and gums industries.

This flow wrapper is a **modular and flexible machine**, it is available in a wide range of configurations and it can be connected with several different feeding systems such as:

+ **Centrifugal disk feeders** for hard candies, jellies, lollipops and pellets;
+ **Cut & Wrap feeding systems** for toffees, chewing gums and products coming from rope;
+ **Specific feeding systems** for chewing gum slabs and balls in assorted colours.

The Euro 77 can handle different types of products, so according to the feeding system that is linked, it is available in the following models:

+ **EURO 77/DS 900**
+ **EURO 77/BLS**
+ **EURO 77/TIV and EURO 77/TIR**
+ **EURO 77/AP and EURO 77/DT**

Regardless of the linked feeding system, **the wrapper** can be offered from its **simplest configuration** with a single reel holder to **the full optional configuration** equipped with an additional reel holder, the unwinding unit, the auto-splicer for reels and eventually the coder pre-arrangement, different selecting devices, counting unit and many other options available.

The Euro 77 models are **fully servo driven, using an independent brushless motor to drive and control every single machine axis**. The simplest configuration provides independent motors for the following devices:

+ Cross sealing rollers
+ Longitudinal sealing rollers
+ Feeding chain
+ Feeder (each case has itw own characteristics)

The Euro 77 wrapping machine can pack a wide range of products such as hard and soft candies, jellies, lollipops, pellets, chewing gums (both coated and from slabs), bubble gums, chewy-candies, toffees and balls to be wrapped in assorted colours.

The **"made in Italy" quality** is assured by a completely **"handmade in Eurosicma" production**. Eurosicma uses only selected high quality raw materials, skilled workman and a complete in-house production without virtually any external contractors.
Everything branded Eurosicma is made at Eurosicma.

EURO 77/DS 900

## HIGH-PERFORMANCE WRAPPING MACHINE FOR CANDIES

The **EURO 77** is Eurosicma's proposal to satisfy the needs of the candy market. Top performances, long durability, high level of efficiency, flexibility and friendly use are the basic features.
The machine is fully equipped with servobrushless motors and managed by industrial PC.
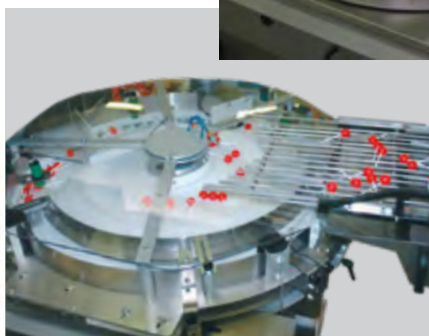The machine is named by the diameter of the feeder, 900 mm.
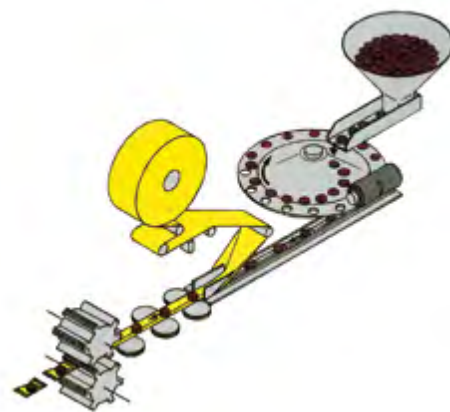
DEDICATED SOLUTIONS AVAILABLE TO GRANT BEST PERFORMANCES

Version for Pellets crosswise
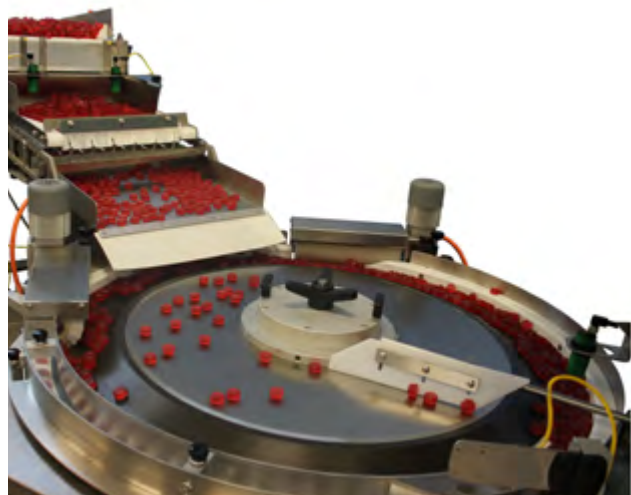
Version for Jellies

Version for Lollipops

EURO 77/DS 900 DD

DOUBLE DISC APPLICATION FOR BI-COLOUR PACK

Fully electronic flow wrapper equipped with **double centrifugal disc** feeder to wrap two pieces of candies, chewy candies or gums in **bi-colour configuration**.

EURO 77/BLS

HIGH-PERFORMANCE FLOW WRAPPER FOR BALLS TO BE WRAPPED IN EXACT ASSORTED COLOURS

Starting from six independent hoppers and channels, automatically the system is able to feed balls in assortiment colours at the same time.

# HIGH PERFORMANCE CUT & WRAP FLOW PACK MACHINES FOR EXTRUDED PRODUCTS

Eurosicma can supply two different models of Cut & Wrap flow pack machines, suitable for chewing gums, bubble gums, toffees and all other products **coming in rope from extruder**. According to the shape and the dimension of the "finished products" to be packed, Eurosicma can offer the dedicated application.

EURO 77/TIV
SCISSOR CUT & WRAP FLOW PACK MACHINE

The **EURO 77/TIV** is a cut & wrap flow-pack style machine, specially designed for small size products coming in rope from extruder (i.e. bubble gums, chewing gums and toffees).
The machine is equipped with a scissor cutting system controlled by independent motor and does not utilize cams, in order to reduce vibrations. All machine sections (rope cutting feeder, feeding chain, longitudinal sealing rollers, cross sealing rollers) are electronically synchronised by 4 independent brushless motors and PC controlled.
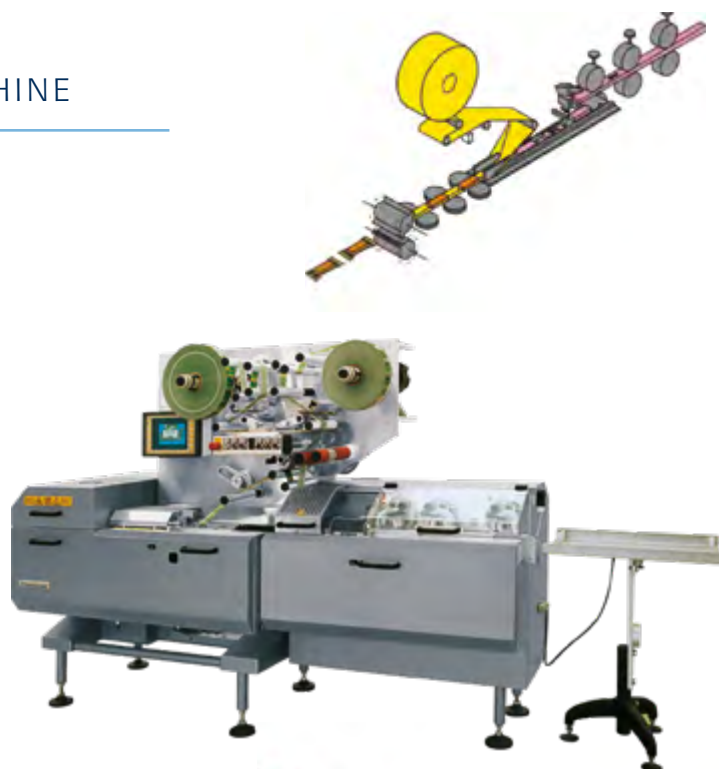
EURO 77/TIR
ROTARY CUT & WRAP FLOW PACK MACHINE

The Euro **Euro 77/TIR** is specially designed for medium/long size products coming in rope from extruder (i. e. bubble gums, chewing gums, chewy toffees). The machine is equipped with a new continuous rotating cutting system. The **Euro 77/TIR** may be supplied with a double sizing rollers Pre-feeding unit as optional. All machine axes (i. e. pre-feeder sizing rollers, rotary cutter, wrapper) are electronically synchronised by 7 brushless motors (+1 for the double sizing rollers Pre-feeding unit) and PC controlled.

HIGH PERFORMANCE FLOW WRAPPING MACHINES FOR CHEWING GUM - SLABS

The two models are the best solution for wrapping **slabs of chewing gum**. In both the applications, the wrapping process starts from **handling, pre-scoring and trimming** the big slab portions. According to the shape and the dimension of the "finished products" Eurosicma designs the dedicated application.

EURO 77/AP

FLOW WRAPPER FOR CHEWING GUM-SLABS
90° INFEED CONVEYOR

The **EURO 77 AP** is designed to wrap rectangular shaped products.
The machinery configuration requires infeed conveyor placed at **90°** compared to the wrapper.
The system is complete with **vertical loader**, **rotary pre-scoring unit**, **timing conveyor**, **cutting** and **separating wheel**.

EURO 77/DT

FLOW WRAPPER FOR CHEWING GUM-SLABS
«IN-LINE» INFEED CONVEYOR

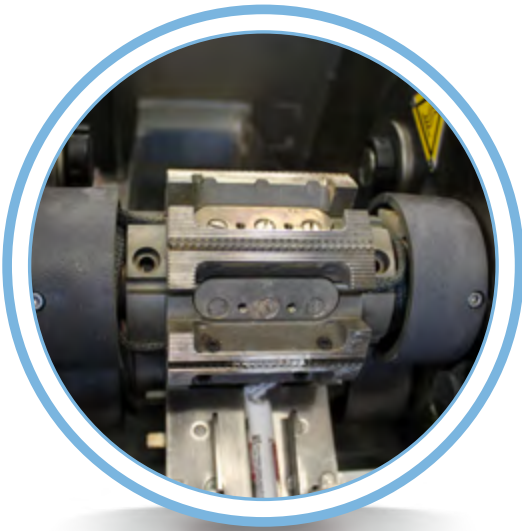The **EURO 77 DT** is designed to wrap square shaped products.
In this case the infeed conveyor and the wrapper are positioned **"in line"**.
The system is complete with **vertical loader**, **rotary pre-scoring unit**, **timing conveyor**, **cutting** and **separating wheel**.

**Cross sealing jaws,
CNC machined from solid
extrusion**

**Cross sealing jaws,
special execution for
chain packs**

**Longitudinal sealing
rollers with auto-lubrification
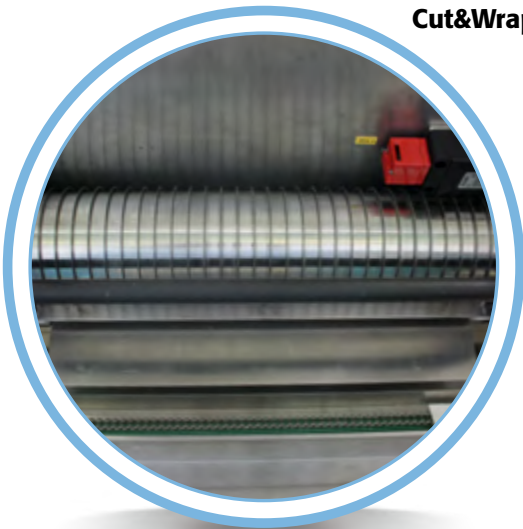gears system**

Outfeed chute

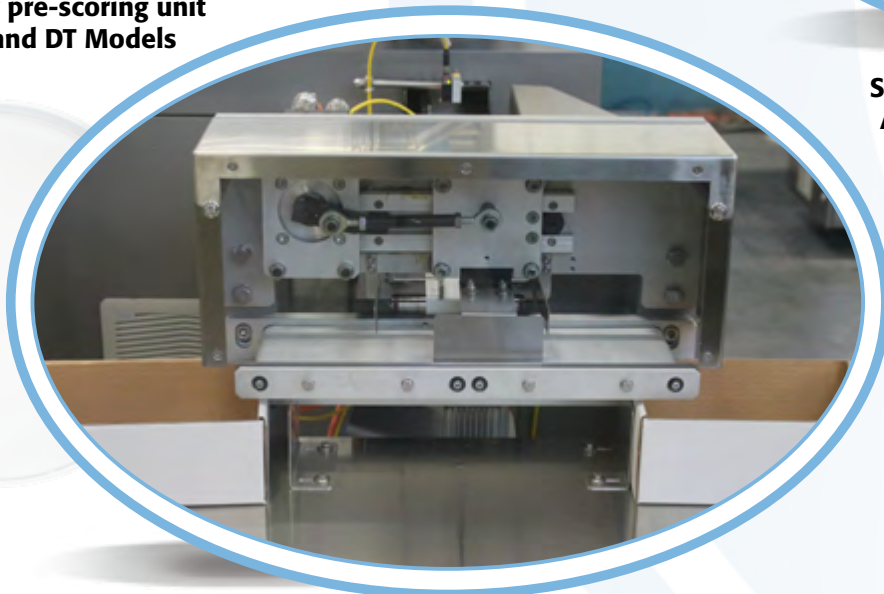

Outfeed exit belt

**Scissor knife
Cut&Wrap TIV**

**Rotary knive
Cut&Wrap TIR**

**Rotary pre-scoring unit
AP and DT Models**

**Separating wheel
AP e DT Models**

Servo-driven counting device

IN THE STANDARD VERSION MACHINES ARE COMPOSED BY:

- Single reel holder with film compensator
- Bidirectional photocell for print registration speed, diameter 900 mm
- One pair of cold longitudinal sealing rollers
- Two pairs of hot rollers for longitudinal sealing

- Cross sealing rollers designed to optimize the speed
- Double concentric disc feeder with independent
- Totally independent feed hopper
- 10" Display

EURO 77/TIV includes:

- Scissor cutting system

EURO 77/TIR includes:

- Out feed belt
- Continous rotating cutting system

PRODUCT SIZE RANGE WITH CHANGING SIZE PARTS

	Length		Width		Thickness	
	min.	max. mm	min.	max. mm	min.	max. mm
EURO77/DS900	10	42	10	30	5 (10 sph)	30
EURO77/DS900 Lollipop	70	150	15	30	15	30
EURO77/TIV	19	120	10	30	3	14
EURO77/TIR	40	270	8	35	3	15
EURO77/AP big slab	-	480	43	72	1,7	2,5
EURO77/AP single product	43	72	16	19	1,7	2,5
EURO77/DT big slab	-	480	30	37	1,7	4
EURO77/DT single product	30	40	31	37	1,7	4
EURO77/BLS	10	26	10	26	10	26

FILM REEL DIMENSIONS

	Length	
	min.	max. mm
Inner diameter	70	76
External diameter	-	380
Real width	-	200
Electrical data	7,5 Kw	
Air pressure	0,6 - 0,9 Mpa	
Air consumption	10 NI - min	

Wrapping Materials: All hot or sealing materials, polypropylene, cellophane, coated paper, aluminium laminates, etc.

OPTIONS

- Double reel holder
- Unwinding film unit
- Spliced packs selection (with asu)
- Automatic splicing unit
- Empty packs selecting device
- Out feed belt
- Counting device
- Pre-jointed film selection
- Incomplete selection on conveyor

- Selecting device for empty-not centered-burned packs espulsion dev.
- Short/long product selection
- Bad-cut packs selection
- Kit microcip-card access
- Locking system of terminal display data
- Special execution for air-tight seals
- Special execution for parallel seals
- Strip cutting unit
- Plc iec 1131 software integration

- Soft-Plc application (OMAC)
- Single machine ethernet connection
- Machine status description page in html
- Subnet connection of more machine (up to 8)
- Pc to connect the subnet
- Proportional valves kit for cst and csl
- Marker's prearrangement
- Water cooling for long. Rollers
- Water refrigerator unit
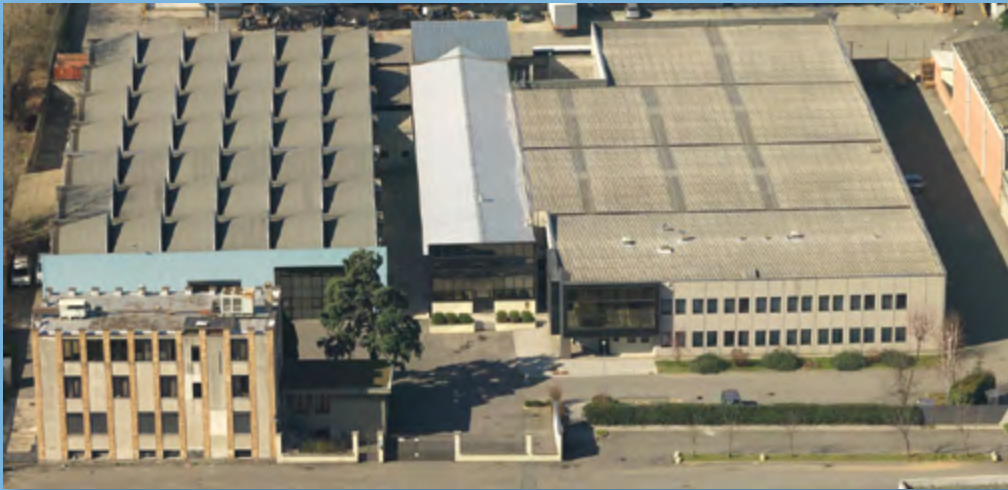
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