

FLOW WRAPPING SOLUTIONS

FOR CANDIES, GUMS, JELLIES, LOLLIPOPS



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GREAT EXPERIENCE IN PACKAGING

IMA EUROSICMA IS TODAY PART OF THE IMA FLX HUB, A CLUSTER OF SPECIALIZED SUPPLIERS OF FLEXIBLE PACKAGING SOLUTIONS FOR FOOD, PHARMA, WET WIPES AND PET MARKETS.

Inside the FLX HUB, IMA Eurosicma is the key player in designing and manufacturing automated systems and complete horizontal flow packaging lines for a wide range of confectionery and bakery products. Besides the FLX solutions, the portfolio includes also forming and packaging lines for cotton swabs and plasters. Founded in 1965, IMA Eurosicma has played an important role in the packaging field since the seventies, becoming an Italian specialist in supplying horizontal flexible packaging solutions, on both the Italian and international markets.

To the food industry, the company offers HFFS machines and complete packaging lines for sugar confectionery, chocolate and bakery products such as candies and gums, bars, biscuits, cakes, noodles and many more. Thanks to specific and qualified departments, IMA Eurosicma is able to follow up every step of the production process, from the design phase to the entire production, throughout the quality control up to the customer care, managing all the phases with advanced expertise and know how.



- 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, PC CONTROLLED

FLOW WRAPPING SOLUTIONS

THE EURO 77 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 products coming in rope;
- Specific feeding systems for chewing gum slabs.

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 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.

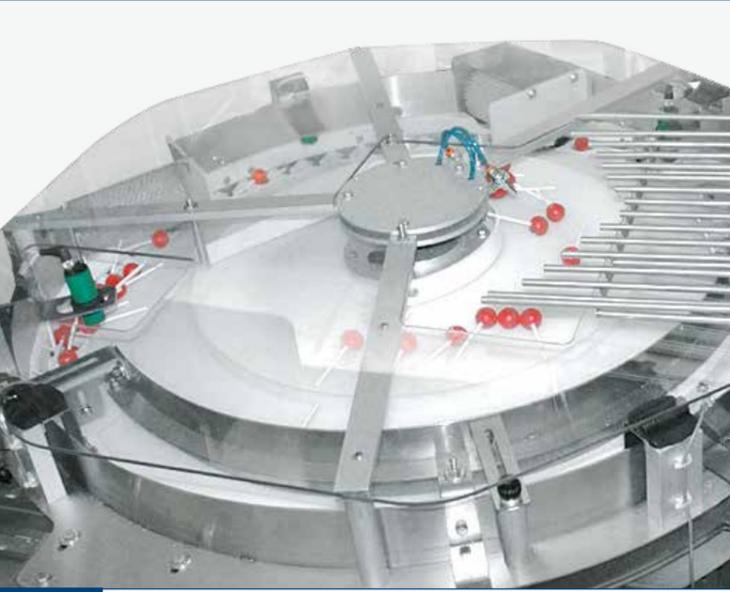
THE EURO 77 MODELS ARE FULLY SERVO DRIVEN, AND THE SIMPLEST CONFIGURATION PROVIDES INDEPENDENT MOTORS FOR THE FOLLOWING DEVICES:

- FEEDER (EACH CASE HAS ITS OWN CHARACTERISTICS)
- FEEDING CHAIN
- LONGITUDINAL SEALING ROLLERS
- CROSS SEALING ROLLERS



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. Assorted colours pack configuration available.

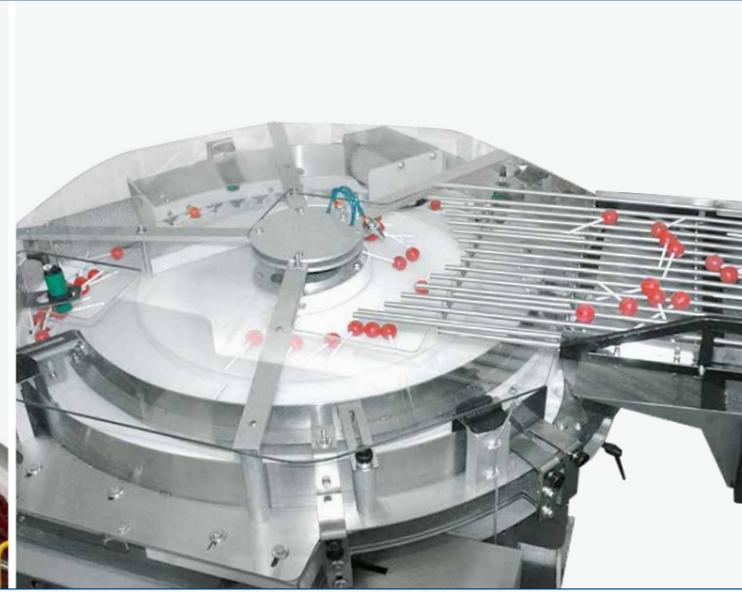
HIGH PERFORMANCE FLOW WRAPPING MACHINES FOR CANDIES



Version for candies



Version for jellies



Version for lollipops



Version for gum pellets

HIGH-PERFORMANCE WRAPPING MACHINE FOR CANDIES

The EURO 77 is Eurosicma's proposal to satisfy the needs of the candy market. High level of efficiency, top performances, long durability, 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.



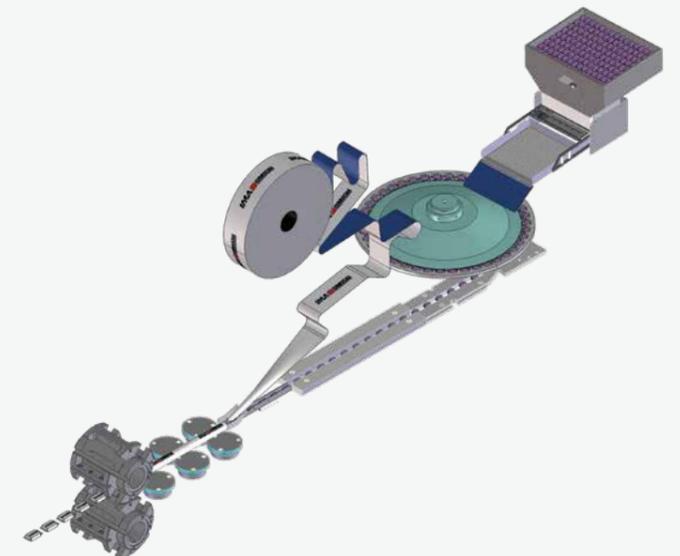
HIGH PERFORMANCE FLOW WRAPPING MACHINES FOR CANDIES



EXTREMELY HIGH CARE IN THE DISC FEEDER EXECUTION AND DEEP EXPERIENCE IN HANDLING MULTIPLE KINDS OF PRODUCT AND FORMATS, ENSURING KNOW HOW AND RELIABILITY.

To achieve the overall best performance from the wrapper is really important to focus on the feeding section.

IMA Eurosicma ensures a large experience and a specific know how thanks to its tradition.



HIGH PERFORMANCE FLOW WRAPPING MACHINES FOR CANDIES



2 centrifugal disc feeders



4 centrifugal disc feeders

DETAILS



Vibrating and sorting plates

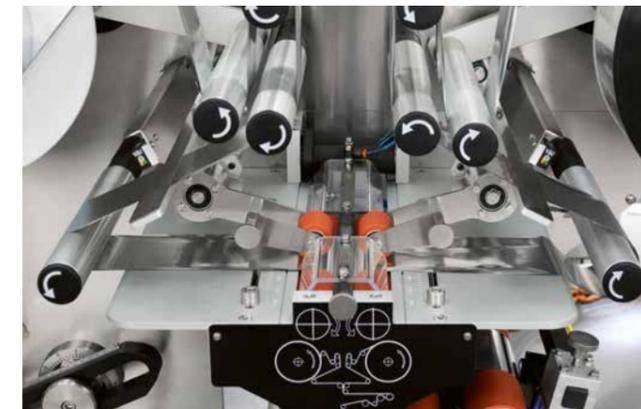


Accurate product insertion



EURO 77 DS 900 MD MULTI DISC APPLICATION FOR MULTI-COLOUR PACK

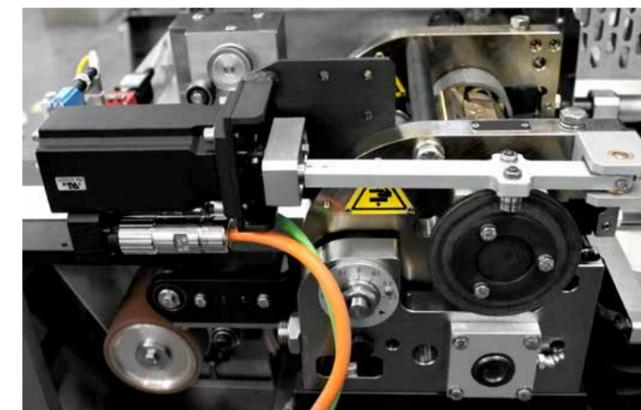
Fully electronic flow wrapper equipped with multiple centrifugal disc feeders to wrap two or more pieces of candies, chewy candies or gums in multi-colour configuration. According to the pack configuration, the infeed section of the flow wrapper can be designed and equipped with multiple number of disc feeders.



Auto-splicing unit



Cross sealing jaws, CNC machined from solid extrusion



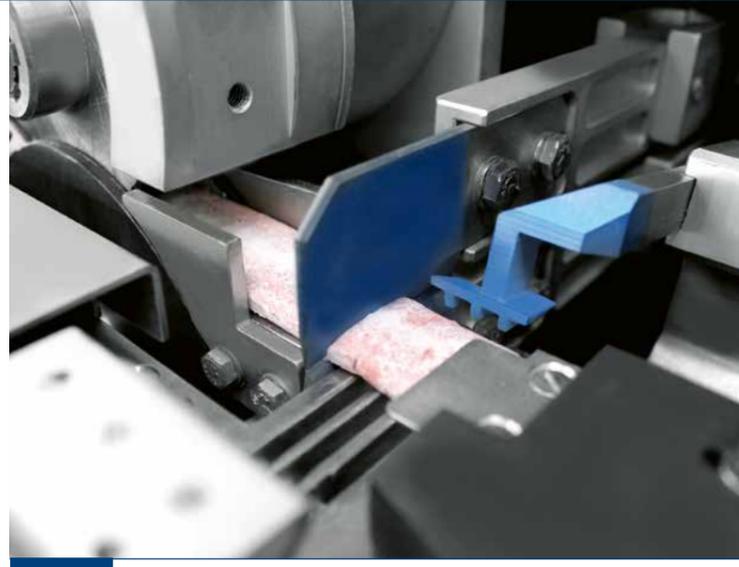
Servo-driven strip pack technology



Outfeed exit belt with packs selection

HIGH PERFORMANCE FLOW WRAPPING MACHINES FOR EXTRUDED PRODUCTS

IMA Eurosicma can supply two different Cut & Wrap units to handle and portion chewing gums, bubble gums, toffees and all other products coming in rope from extruder. According to the shape and the dimensions of the "finished products" to be packed, IMA Eurosicma can offer the dedicated application.



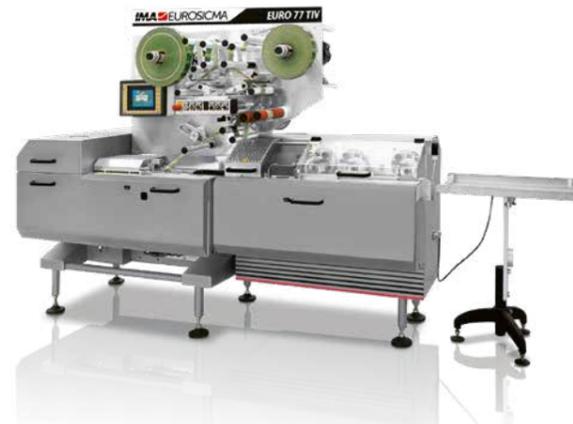
Scissor knife



Rotary knife



Rope sizing rollers



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.

The machine is equipped with a scissor cutting system controlled by independent motor, able to ensure minimum vibration level for high speed operation.

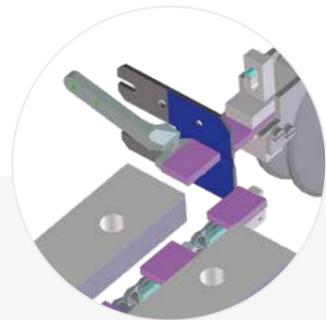
All machine sections (rope cutting feeder, feeding chain, longitudinal sealing rollers, cross sealing rollers) are electronically synchronised by 4 independent brushless motors and PC controlled.

Double lane feeding section for two flavours packs available.



EURO 77 TIR ROTARY CUT & WRAP FLOW PACK MACHINE

The EURO 77 TIR is specially designed for medium/long size products coming in rope from extruder. The machine is equipped with a new continuous rotating cutting system. The EURO 77 TIR can 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 and PC controlled.



HIGH PERFORMANCE FLOW WRAPPING MACHINES FOR CHEWING GUM - SLABS

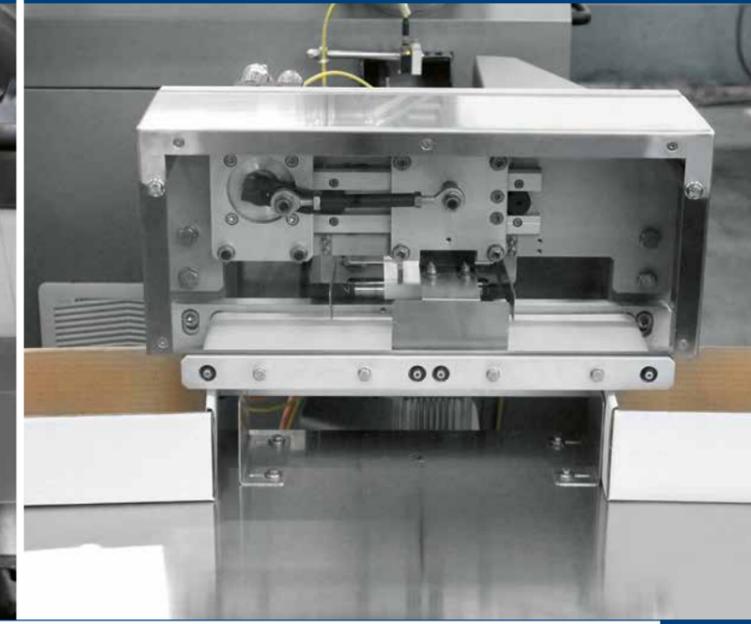
Thanks to the two models available, IMA EUROSICMA can offer the best solution for wrapping slabs of chewing gum. According to the shape and the dimensions of the 'finished products', IMA EUROSICMA designs the dedicated application. Handling, pre-scoring and trimming units are in-house designed and integrated into the wrapping system.



Rotary pre-scoring unit



Separating wheel



Servo-driven packs counting device



EURO 77 AP FLOW WRAPPER FOR CHEWING GUM-SLABS 90° INFEEED CONVEYOR

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



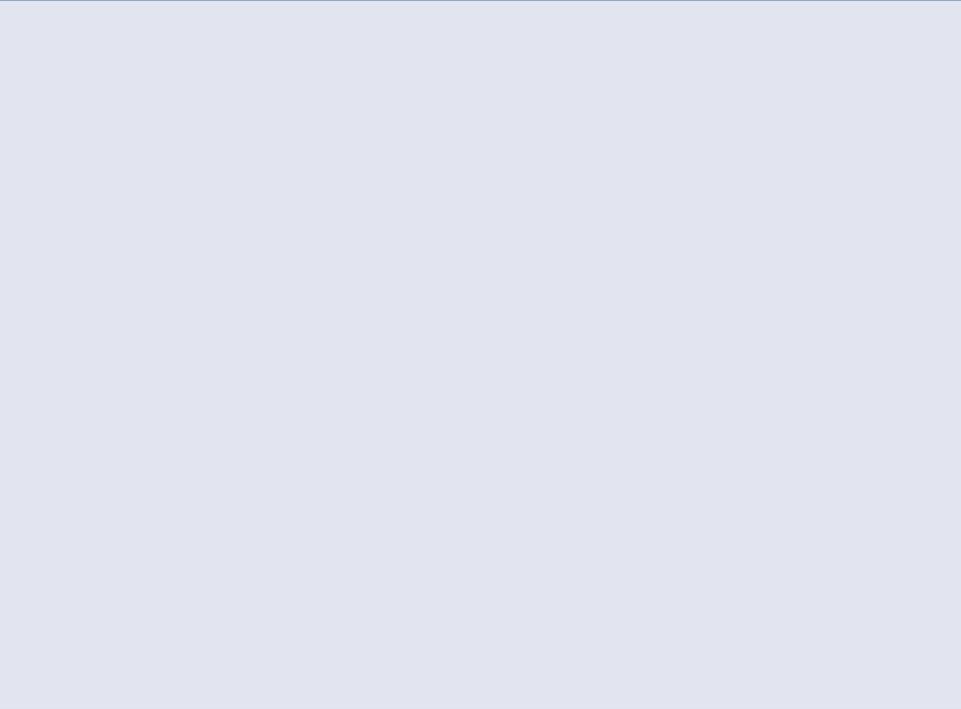
EURO 77 DT FLOW WRAPPER FOR CHEWING GUM-SLABS «IN-LINE» INFEEED CONVEYOR

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 for slabs, rotary pre-scoring unit, timing conveyor, cutting and separating wheel.



TECHNICAL DATA

THE EURO 77 COMBINES THE VALUES OF PERFORMANCE AND RELIABILITY COMING FROM MORE THAN HALF A CENTURY EXPERIENCE AND THE ABILITY TO CREATE CUSTOM-MADE EXECUTIONS.



OPTIONS

- DOUBLE REEL HOLDER
- UNWINDING FILM UNIT
- AUTOMATIC SPLICING UNIT
- OUT FEED BELT
- SELECTING DEVICES FOR MULTIPLE KINDS OF REJECTION
- SPECIAL EXECUTION FOR AIR-TIGHT SEALS
- PACKS COUNTING DEVICE
- STRIP CUTTING UNIT
- PROPORTIONAL VALVES KIT FOR CROSS AND LONGITUDINAL SEALING UNITS
- CODER'S PRE-ARRANGEMENT
- WATER COOLING FOR LONGITUDINAL ROLLERS
- REMOTE ACCESS:
 - SINGLE MACHINE ETHERNET CONNECTION
 - MACHINE STATUS DESCRIPTION PAGE IN HTML
 - SUBNET CONNECTION OF MORE MACHINES UP TO 8
 - PC TO CONNECT THE SUBNET
- MORE...

Product size range with changing size parts						
	Lenght (mm)		Width (mm)		Thickness (mm)	
	Min.	Max	Min.	Max	Min.	Max
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	4
EURO77/AP single product	43	72	11,5	19	1,7	4
EURO77/DT big slab	-	480	30	37	1,7	4
EURO77/DT single product	30	40	31	37	1,7	4

Film reel dimensions		
	Lenght (mm)	
	Min.	Max
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 materias: heat or cold sealable materials.

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