

# Implementing Innovation

COMPANY PROFILE

# HISTORY

*Starting from 1974, BAUMER consolidates experience and knowledge on secondary packaging machines over the years, developing new systems.*

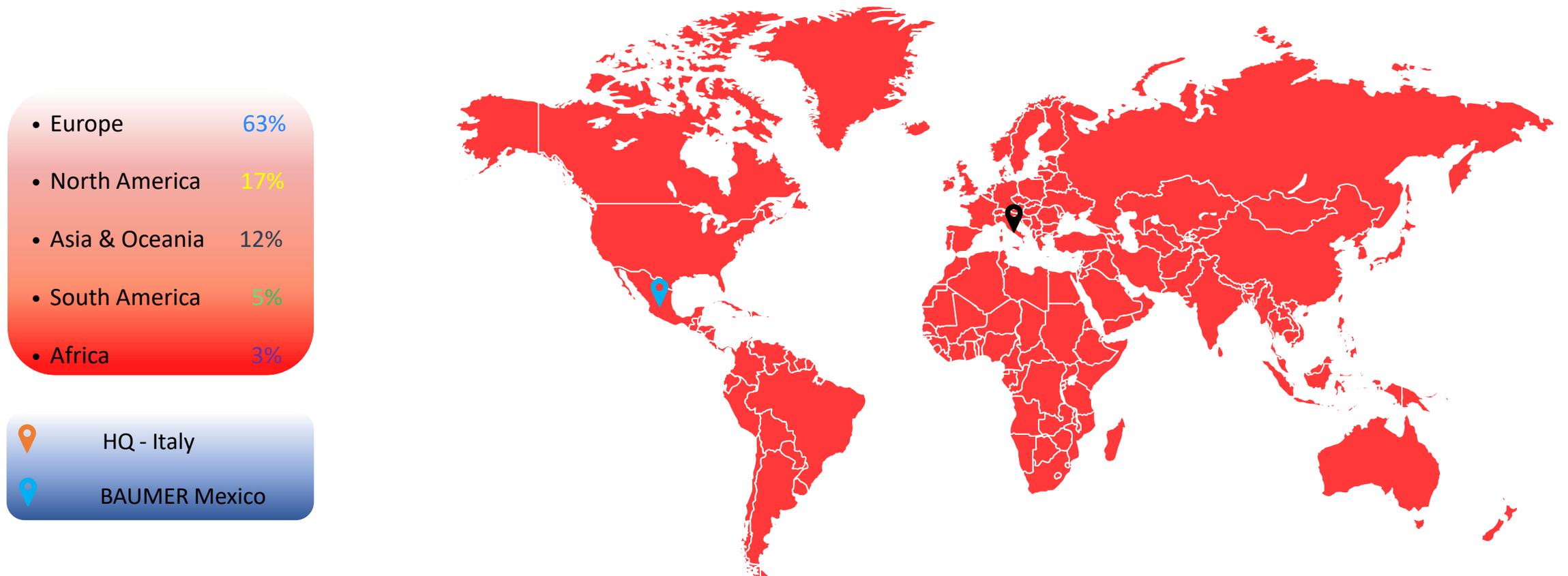
*BAUMER has been always synonymous with integrity and reliability in the production of packaging machines working with Shrink-Wrap and Wrap-Around cartons.*



# COMPANY

*BAUMER has consolidated its international business over the years.  
The internationalization process involved the most important production areas in the world.*

*BAUMER exports to five continents:*



ABOUT US

# BAUMER LINES

- WRAP-AROUND
- SHRINKWRAPPER
- COMBI
- TRAY-PACKER
- MULTIFUNCTION



[HISTORY](#)

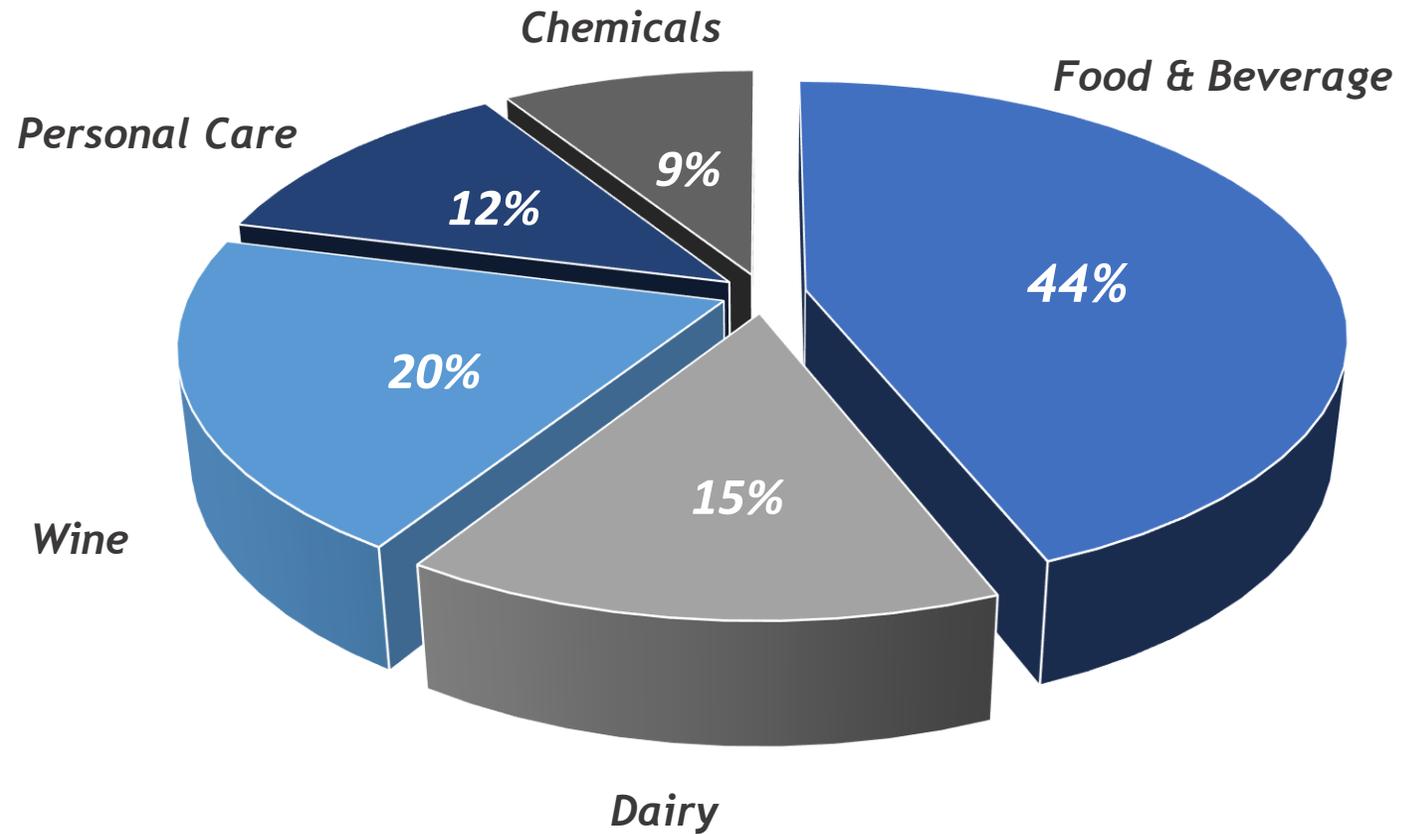
[SPECIAL APPLICATIONS](#)

[SERVICE](#)

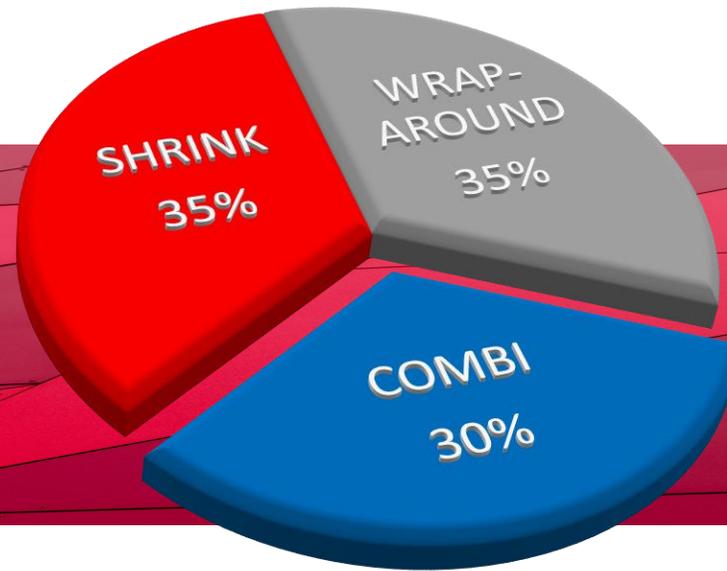
[REFERENCES](#)

# COMPANY

*Baumer started its activity in Modena, in the center of the Packaging Valley, and from the beginning supplied machines in different markets:*



# ***MACHINES BUSINESS:***



***MORE THAN 1500 MACHINES  
INSTALLED ALL OVER THE WORLD***

# BAUMER LINES



## WRAP-AROUND

among **the fastest**  
machines on the market



## SHRINKWRAPPER

satisfy the market range up  
to **200 cycles per minute**



## COMBI

All packaging styles  
**in one machine**



## TRAY-PACKER

designed to produce large  
size and in **QUINCUX**



## MULTIFUNCTION

**All presentations in**  
**one machine**

## ■ WRAP-AROUND

Baumer's Wrap-Around cartonners are the ideal solution to pack products in a simple and safe way into wrap-around carton, high tray and display case.

The advanced technology and the dedicated systems make these machines suitable for every type of product, including rectangular and oval containers. Cartons are erected around the products, resulting solid and robust.

**F**

FLEX

**UP TO 35 CARTONS/MINUTE****E**

EUROPEA

**UP TO 50 CARTONS/MINUTE****C**

COMPATTA

**UP TO 80 CARTONS/MINUTE**

# EXTERNAL CARDBOARD MAGAZINE

- Ergonomical position for the operator loading operation
- This solution gives reduced machine dimensions
- Blanks pick-up with vacuum pump
- Blanks transport with depression conveyor enables the use of cartons with lower thickness.



## WRAP-AROUND

# MAGAZINE WITH ROTARY THREE ARMS PICK-UP:

- An innovative and technologically advanced system that allows to take full advantage of the potential of the machine ensuring high performances and reliability over time.
- Equipped with the new patented three-arms pick-up system, the carton magazines guarantees a high production speed of up to 80 cartons per minute.



# PREFORMED PARTITIONS



- Rotary system that allows to reach production speeds double compared to normal systems equipped with robots.
- Particular attention is given to the partitions pick-up and placing between the bottles. In order to avoid label damages, the carton is formed only after the complete positioning of the partitions.

# NON-PREFORMED PARTITIONS

*40% Lower Cost Than Preformed Partitions*



- Saving on raw materials thanks to the use of simple cardboard pads instead of preformed partitions
- The partitions are inserted from below avoiding damaging labels
- Ergonomic positions of the carton magazines, to facilitate the operators
- Possibility to use partitions in all products configurations (ex: 3x2 and 6x4)

# CASE STUDY PARTITIONS

6 x 0,75 lt. into WRAP-AROUND CASE WITH PARTITIONS

Line speed: 7,200 bph

Machine Speed: 20 ppm

Line Efficiency: 90%

Operation: 1 shift/day - 2000 h/year

Production: 2.400.000 cases/year



## PREFORMED PARTITIONS

Cost: 0.09 €/each

Cost per year

(2,400,000 x 0.09): **194,400 €/year**

## NON-PREFORMED PARTITIONS

Cost: 0.06 €/each

Cost per year

(2,400,000 x 0.06): **129,600 €/year**

ANNUAL SAVING WITH NON-PREFORMED PARTITIONS: **64,800 €**



WRAP-AROUND

## SPECIAL CARTONS

Baumer has studied special cartons to satisfy customer and market needs

- Accurate Aesthetic
- Pack Differentiation
- Plastic Free Solution
- Carry Handle



SPECIAL  
CARBOXES



WRAP AROUND

# SPECIAL APPLICATIONS



90° INFEEED



U-SHAPE



AUTOMATIC  
CHANGEOVER

# ■ SHRINKWRAPPER



Baumer' Shrinkwrappers are versatile and easy-to-use. Their flexibility makes them suitable for any production requirement. Thanks to the proposed options, it is actually possible to work any type of product.

The range includes machines for working with film only, pad and film or tray and film at speeds ranging from 15 to 200 packs per minute.



Film Only



Pad + Film



Tray + Film



FLEX

**UP TO 35 CARTONS/MINUTE**



EUROPEA

**UP TO 50 CARTONS/MINUTE**



UNIVERSALE **UP TO 200 CARTONS/MINUTE**

SHRINKWRAPPER

# REELS EXTRACTION

- When the film of one reel is finished, both reels are pulled out from underside the shrinktunnel ensuring a convenient and easy operator reel change
- This system guarantees: Better ergonomics, a fast reel change and a better operator ease of work



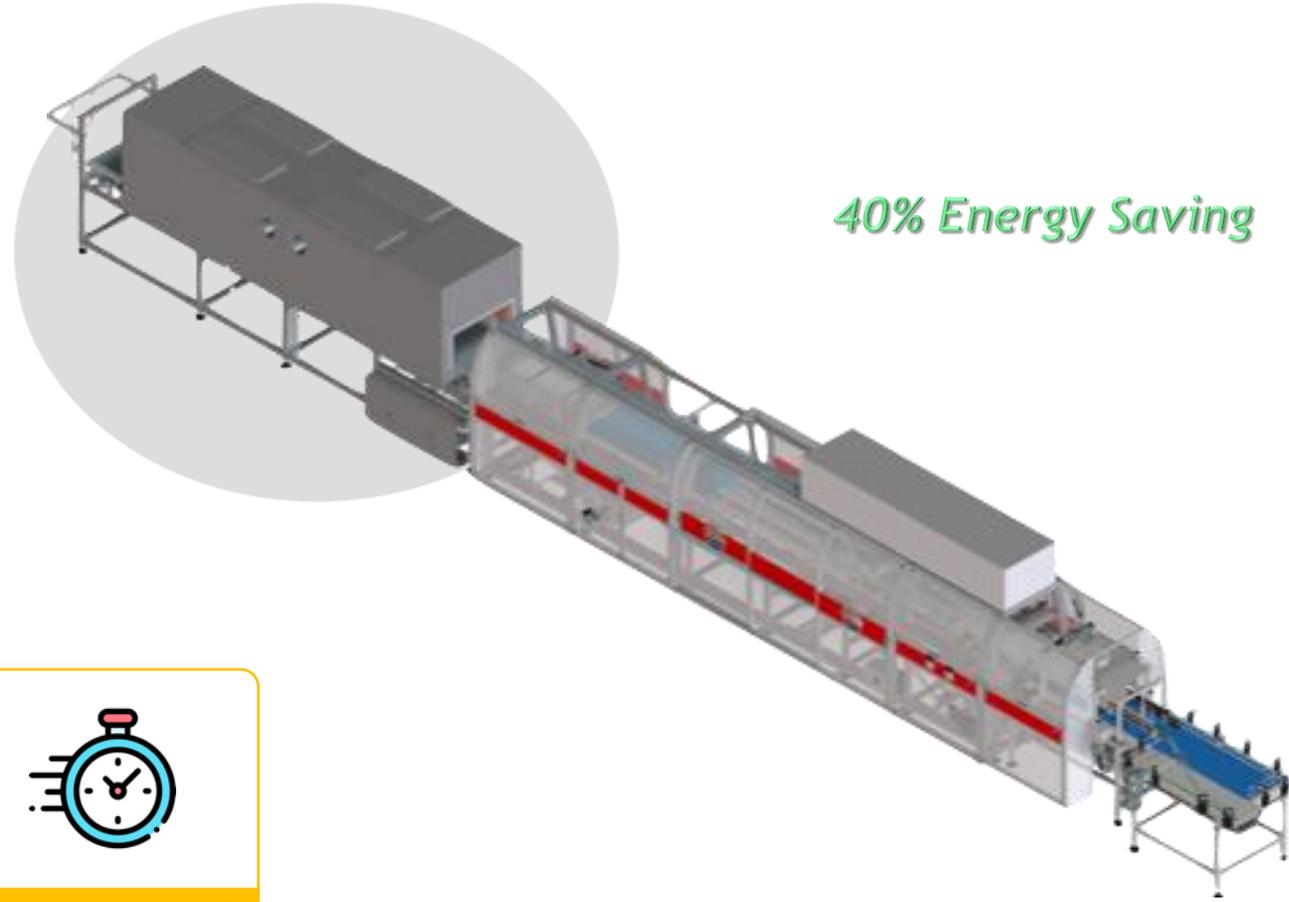
## SHRINKWRAPPER

# AUTOMATIC REEL CHANGE:

- The system automatically switches from the finished reel to the new one also without operator presence and at production speed (no machine stop)
- The machine automatically changes the reel after it has been used until the end, thus eliminating any waste of film usually generated if the end of reel is detected by photocells.
- The unwinding system allows a 7% reduction in film thickness due to the absence of dancing rollers.
- This system works without sealing thus offering absolute reliability, precision in case of printed film and no pack rejection.
- The automatic reel changeover guarantees 100% machine availability



# GREENTECH TUNNEL: SHRINKWRAPPER



*40% Energy Saving*



Air Flow Control



Temperature Control



Ready in few minutes



# GREENTECH TUNNEL: SHRINKWRAPPER



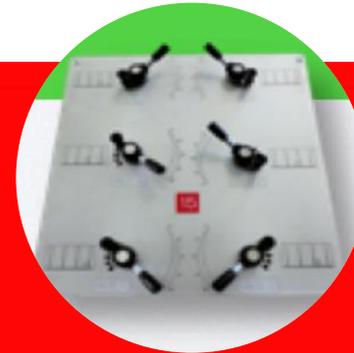
## NICHEL CHROME 80/20

- Work Temperature in 20 Min
- Immediate Power



## TUNNEL MULTILAYER INSULATION

- Heat waste reduction



## AIRFLOW CONTROL

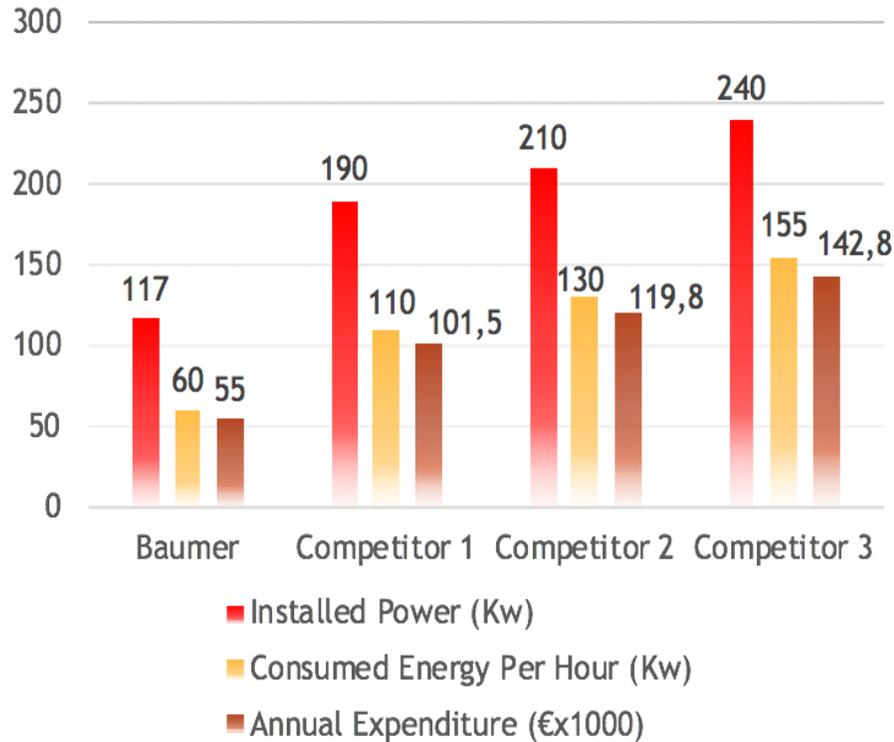
- Independent control of the air flux for each lane
- Air turbulence reduction: no wrinkles



## TEMPERATURE CONTROLS

- Upto 9 temperatures probes
- Film to 30 to 70 Microns

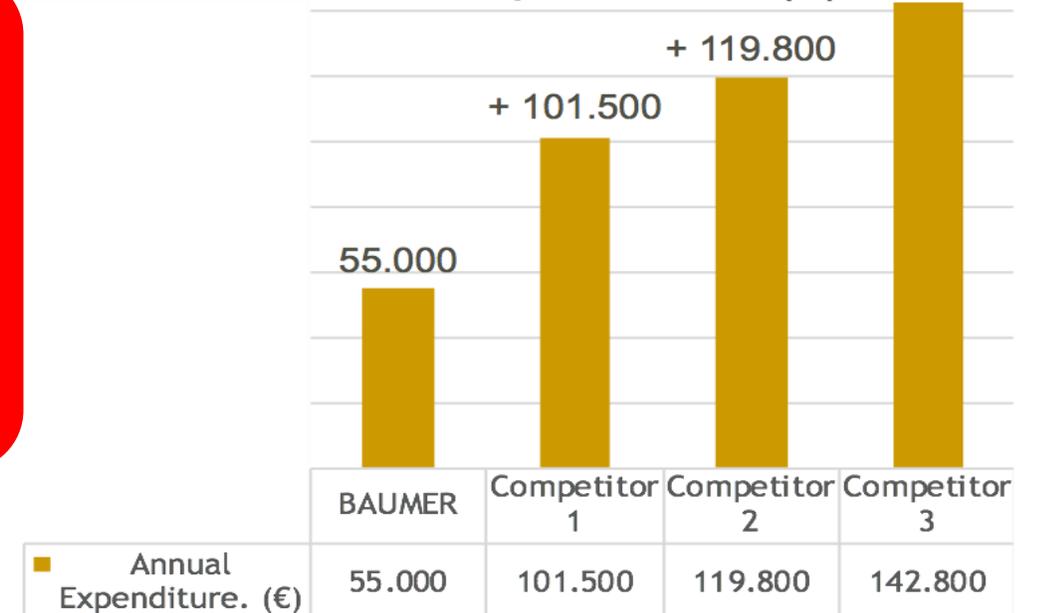
# GREENTECH TUNNEL: SHRINKWRAPPER



## Based on:

- 0,26€/Kwh
- 16 h/day
- 220 day/year

## ■ Annual Expenditure. (€) + 142.800



## SHRINKWRAPPER

# SPECIAL APPLICATION



90° INFEED



U-SHAPE



AUTOMATIC  
CHANGEOVER



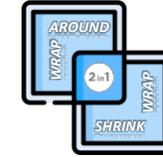
PRODUCT ROTATION



STACKING



# COMBI



One machine only for maximum production flexibility:  
Baumer's solution to pack products quickly and safely in film only, on pad, in tray or in wrap around carton. The various packaging options together with compactness and flexibility make these machines very popular.



- F** FLEX UP TO 35 PACKS/MINUTE
- E** EUROPEA UP TO 50 PACKS/MINUTE
- U** UNIVERSALE UP TO 80 PACKS/MINUTE

COMBI

# MULTIPRODUCT

Baumer solution to pack quickly and safely in: **film only**, **pad + film**, **tray + film**, and **wrap-around carton**.

The Combi machine contains the performances of 2 different machines in a single one.

This system allows a considerable space and money saving

Film Only



Pad+Film



Tray+Film



Wrap-Around  
Carton





## SUPER FLEXIBILITY

All different packaging styles with  
one machine only

COMBI

# BM BELT

- The **BM-BELT™** integrated conveyor is placed automatically in the middle of the transport chains to pass in a few minutes from Wrap-Around to Film Only
- Allows to work both loose products and multipacks
- It's **completely managed by the operator panel**: it is positioned automatically and quickly, without the need for adjustments
- Incredible production flexibility!! Allows to work in: **Only Film, Tray+Film, Pad+Film and Wrap-Around** with just one machine



BM - BELT SYSTEM [BAUMER PATENTED]

COMBINED  
**SPECIAL APPLICATION**



90° INFEED



U-SHAPE



AUTOMATIC  
CHANGEOVER



PRODUCT ROTATION



STACKING

# TRAYPACKER

Tray-Packer 1000 allows to produce large size packs, a format particularly appreciated in super-markets because of its large products quantity and ease of sell.

*DESIGNED TO PRODUCE LARGE SIZES*

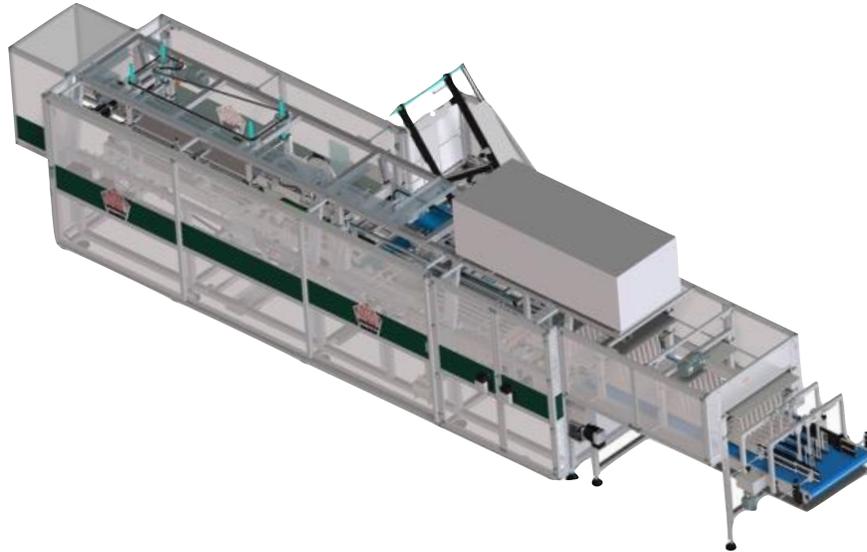
*( $\frac{1}{2}$  industrial pallet,  $\frac{1}{2}$  euro pallet,  $\frac{1}{4}$  euro pallet)*

MODEL:

1000

FLEX

**UP TO 15 TRAYS/MINUTE**



## TRAYPACKER

# BIG SIZE TRAY

*( $\frac{1}{2}$  industrial pallet,  $\frac{1}{2}$  euro pallet,  $\frac{1}{4}$  euro pallet)*

Tray-Packer 1000 allows to produce large size packs, a format particularly appreciated in super-markets because of its large products quantity and ease of sell.



## TRAYPACKER

# QUINCUX

The Quincux formation system allows to optimizing the space for palletizing.

It can also process loose products, bi-packs, four-packs, etc.



## TRAYPACKER

### 1/2 PALLET + W.A. CARTON:

a new version of the Tray-Packer 1000 has been developed to produce both big size packages and wrap-around cartons.

One single machine to satisfy every market need.



# TRAYPACKER

Baumer's Traypacker can be equipped with Double Lane for reach high production speed.

The ideal solution for packaging cans up to 72.000 CPM



# TRAYPACKER

## SPECIAL APPLICATION



90° INFEEED



U-SHAPE



AUTOMATIC  
CHANGEOVER

# ■ MULTIFUNCTION

The most complete machine on the market.

Multifunction can produce all the packagings of the Baumer line:  
Film only, on pad, into tray, tray+lid or in Wrap around carton.

Multifunction is the perfect machine to display products in stores thanks to its: advantageous palletization, great stability with big formats and super flexibility.



Allin 1



MULTIFUNCTION

## BIG SIZE TRAY

- New packaging types to follow the latest trends that marketing imposes
- Greater stability for products in deformable containers
- Greater product protection from hits, dust or light
- Possibility of a more advantageous palletization
- Easy opening for product display in the stores



## MULTIFUNCTION

### TRAY+LID:

Baumer's range includes a special system to pack products in tray & lid closed on two or four sides.

This new type of packaging allows saving cardboards and offers the customer the opportunity to display the products in different ways at the dealer's.



# MULTIFUNCTION SPECIAL APPLICATION



90° INFEED



U-SHAPE



AUTOMATIC  
CHANGEOVER



PRODUCT ROTATION



STACKING

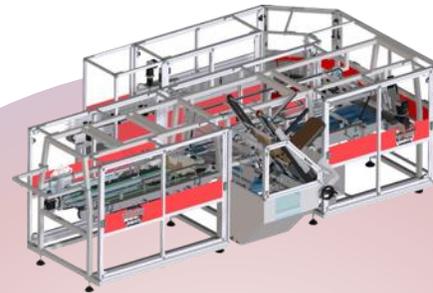
# SPECIAL APPLICATION

*“Coming together is a beginning,  
Staying together is process  
And working together is success”.*

- Henry Ford -



# SPECIAL APPLICATION



U-SHAPE



STACKING



90° INFEEED



AUTOMATIC CHANGEOVER

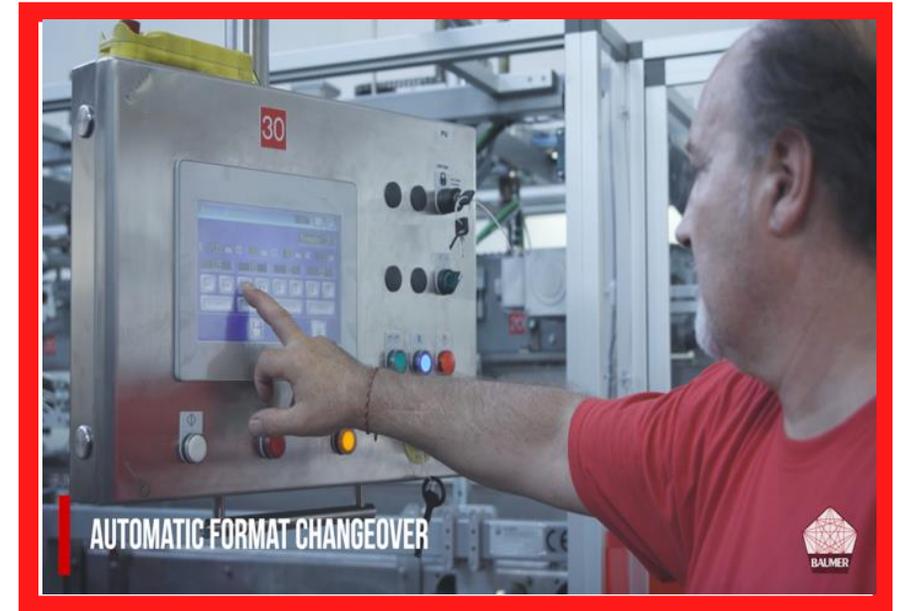


PRODUCT ROTATION

SPECIAL APPLICATION

# AUTOMATIC FORMAT CHANGEOVER

- The desired format is selected using the operator panel and the machine automatically configures itself for new products in few moments.
- The Baumer infeed pegs are self-adjusting according to the format both in height and in width without having to change mechanical parts.



**FORMAT CHANGEOVER TIMES LESS THAN 10 MINUTES**

## SPECIAL APPLICATION

# 90° INFEEED

90° Infeed System is a special application that allows to reduce the machine dimensions and reach the maximum position availability without reduce the work speed:

- This special system allows producing a non-stop movement using a rotation push that, at production speed guides the products without pressure.
- This system is suitable for *bricks* but can also work with *cylindrical, square, rectangular* and *oval* products.
- Allows to have very *compact lines* thanks to the *elimination of classic divider* that is used to channel non cylindrical products



DESIGNED TO WORK AT  
HIGH PRODUCTION SPEED





ULTRA COMPACTNESS



## SPECIAL APPLICATION

# U-SHAPE

U-Shape system is the last Baumer innovation. This special system reduce of at least 50% the machine length allowing an easy installation in any plant:

- This special system allows producing a non-stop movement using a rotation push that, at production speed guides the products without pressure.
- This system is suitable for bricks but can also work with cylindrical, square, rectangular and oval products.
- Allows to have very compact lines thanks to the elimination of classic divider that is used to channel non cylindrical products

SPECIAL APPLICATION

## PRODUCT ROTATION

- The system permits the products rotation allowing to change the composition of the products inside the packages, thus ensuring different packaging possibilities, greater production elasticity and a possible saving of space and raw materials.



SPECIAL APPLICATION

# STACKING

The stacking system always works continuously without stopping the product ensuring greater speed and reliability.

- STACKERS FOR LOOSE PRODUCTS
- STACKER FOR TRAYS
- STACKERS FOR PADS





100%

# SERVICE

WE ARE ALWAYS WITH YOU



# SERVICE

## 24H ASSISTANCE



### TELEASSISTANCE

Baumer machines can be equipped with a teleassistance service that allows the customer to use in remote of specialized technicians

### PERIODIC MAINTENANCE

Guaranteed to keep the machine efficient during their life cycle



### TRAINING

Baumer offers different courses to provide customer operators with necessary knowledge to guarantee the correct operation of the machines

### NEW SIZES

Our technicians are available to perform any study regarding the implementation of new sizes on the line

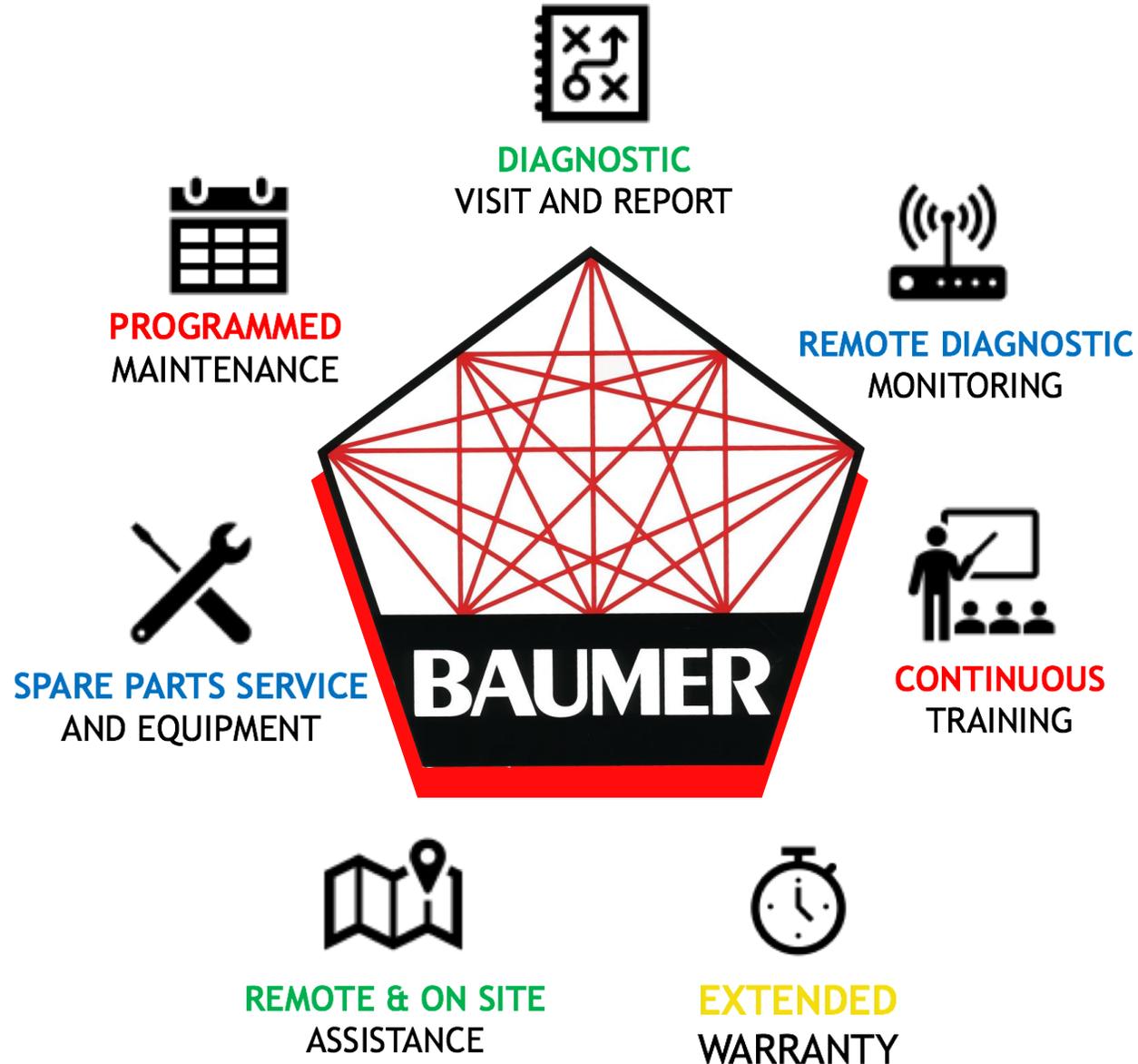


### SPARE PARTS

Baumer has a wide warehouse from which can send spare parts worldwide



# ASSISTANCE



# ASSISTANCE

① Planning a visit date



PLANNING



② Dignostic Visit will include:

- ▽ Review of performances
- ▽ Any required maintenance, spare parts list report
- ▽ Check for future preventive maintenance needs
- ▽ Any other issue



③ Visit report



REPORT



④ Programmed Maintenance Will include:

- ▽ Activity of Baumer engineers are scheduled following the visit
- ▽ Adjustment and machine Optimization during production

# ASSISTANCE

Thanks to Baumer devices we can guarantee a quick connection on the machines directly from our HQ.

This system permit to avoid waste of time and assure a quick assistance to our clients in case of problems or malfunctions.



As a result of the not-resolved remote assistance work a service engineer will be available on site as soon as possible.



A full service/site attendance report will be completed after the Baumer Assistance

# TRAINING



**Ensure effective and safe operator conduction**  
*Also for occasional and seasonal workers*



**Improve troubleshooting**  
*Skills and increase the know-how of your employees*



**Maximize production and minimize downtime:**  
*Reduce changeover time and speedup the startup phase*



**Generate a positive return**  
*On investments and a reduction of operating costs.*

COMPLEMENTARY

STANDARD



EXPERT

BASIC

ADVANCED

# KEY BENEFITS

## SERVICE



**PERFORMANCE LEVEL**  
GUARANTEED PRODUCTIVITY



**GUARANTEED SLA**  
SERVICE LEVEL AGREEMENT



**PREDEFINED**  
BUDGET



**SPARES STOCK**  
MANAGEMENT OPTIMIZATION



**KNOW-HOW**  
WORK TOGETHER TO TRANSMIT  
OUR KNOW-HOW TO CUSTOMERS



**DOWN-TIME**  
REDUCTION

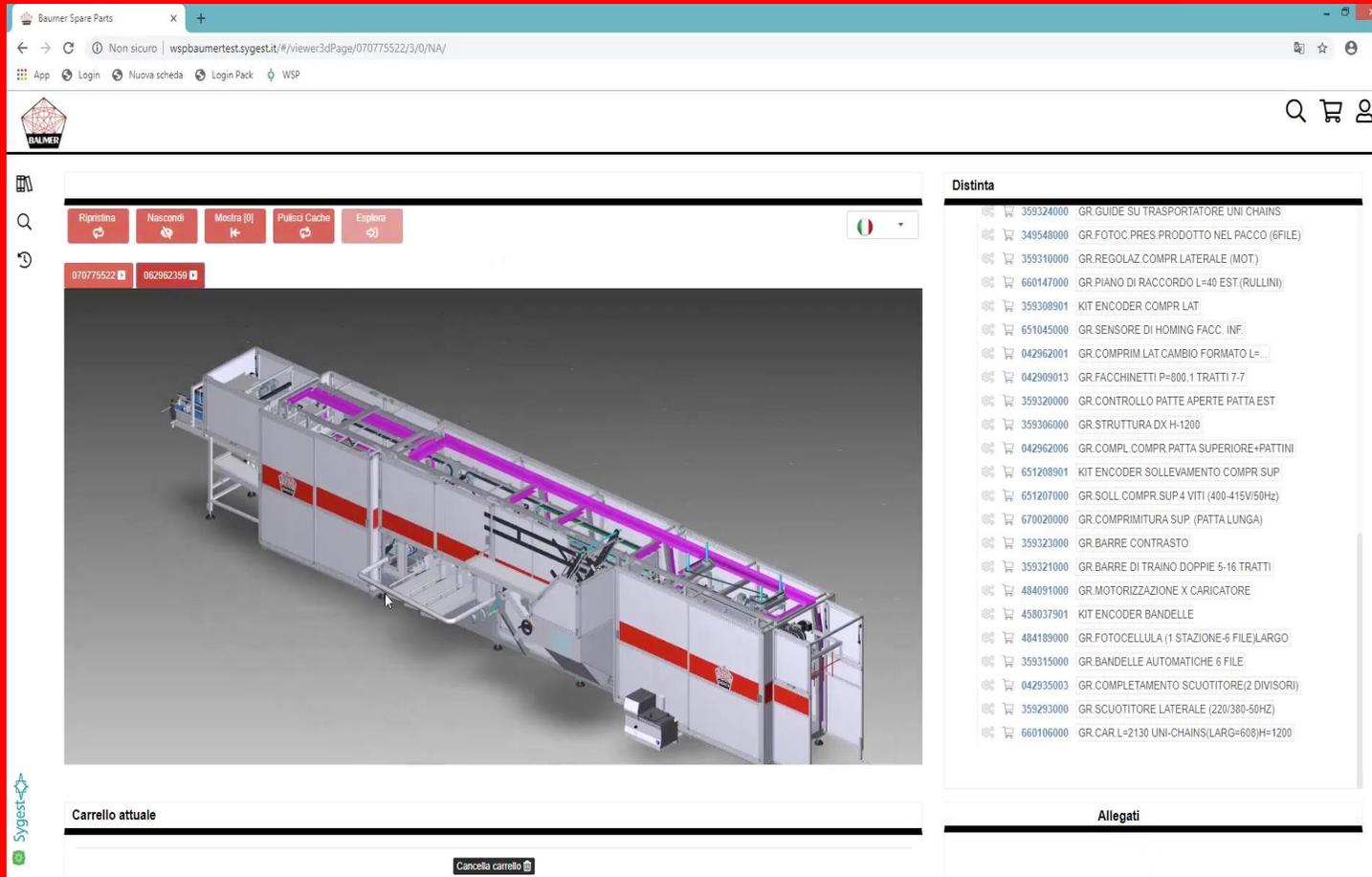
## SERVICE

# SPARE PARTS

The global platform to order Baumer's original spare parts

With BAUMER PRIME is possible to order spare parts and wear parts for your BAUMER machine directly online, just a few clicks and the request will be sent in real time to our warehouse. The order will then be processed, and the requested material will be shipped directly to the factory within few hours.

BAUMER PRIME is the modern e-commerce platform where you can place orders and requests in a simple, fast and intuitive way, thanks to the interactive 3D model of your machine.



The screenshot displays the Baumer Spare Parts website interface. At the top, there is a navigation bar with a search icon, a shopping cart icon, and a user profile icon. Below the navigation bar, there is a header section with a 3D model of a machine on the left and a list of spare parts on the right. The 3D model is a long, white industrial machine with red and purple highlights. The spare parts list is titled 'Distinta' and contains 20 items, each with a shopping cart icon, a part number, and a description. The items include: 359324000 GR. GUIDE SU TRASPORTATORE UNI CHAINS, 349548000 GR. FOTOC. PRES. PRODOTTO NEL PACCO (6FILE), 359310000 GR. REGOLAZ. COMPR. LATERALE (MOT), 660147000 GR. PIANO DI RACCORDO L=40 EST.(RULLINI), 359308901 KIT ENCODER COMPR. LAT, 651045000 GR. SENSORE DI HOMING FAC. INF., 042962001 GR. COMPRIM. LAT. CAMBIO FORMATO L=..., 042909013 GR. FACCHINETTI P=800.1 TRATTI 7-7, 359320000 GR. CONTROLLO PATTE APERTE PATTA EST, 359306000 GR. STRUTTURA DX H-1200, 042962006 GR. COMPL. COMPR. PATTA SUPERIORE+PATTINI, 651208901 KIT ENCODER SOLLEVAMENTO COMPR. SUP, 651207000 GR. SOLL. COMPR. SUP. 4 VITI (400-415V/50Hz), 670020000 GR. COMPRIMITURA SUP. (PATTA LUNGA), 359323000 GR. BARRE CONTRASTO, 359321000 GR. BARRE DI TRAINO DOPPIE 5-16 TRATTI, 484091000 GR. MOTORIZZAZIONE X CARICATORE, 458037901 KIT ENCODER BANDELLE, 484189000 GR. FOTOCCELLULA (1 STAZIONE-6 FILE)(LARGO), 359315000 GR. BANDELLE AUTOMATICHE 6 FILE, 042935003 GR. COMPLETAMENTO SCUOTITORE(2 DIVISORI), 359293000 GR. SCUOTITORE LATERALE (220/380-50HZ), and 660106000 GR. CAR. L=2130 UNI-CHAINS(LARG=608)H=1200. At the bottom of the page, there is a 'Carrello attuale' section with a 'Cancella carrello' button.

