Automatic Systems Catalogue

Table of Contents

LT Automatic

- 17 RPM machine
- 10" color touch screen
- Allen Bradley PLC and drives
- Small footprint makes it perfect for most operations.
- 15 customizable wrap recipes with Cube Technology
- 5 foot infeed and outfeed conveyors
- Conveyor and main frame adjustable 18" – 24" pass heights
- Automatic load height sensing
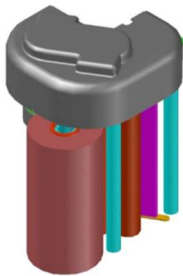- Automatic film tail treatment (Clamp, cut, and wipe do
- Variable turntable speed
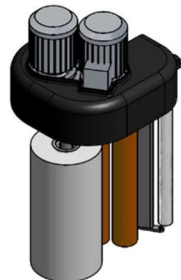- Variable carriage speed
- Safety fencing
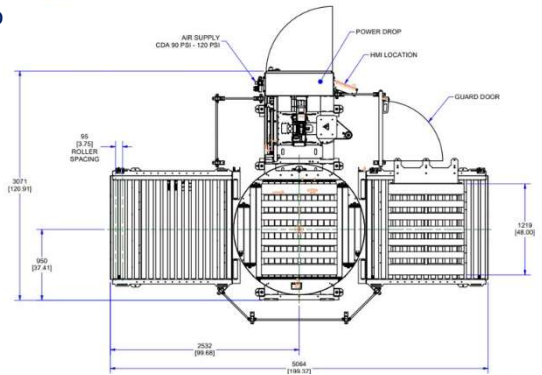
Rotoplat 3000 HD

- 17 RPM machine
- 44 pallet loads per hour
- Pre-stretch: Multi-level variable 0-400%

PGSM CARRIAGE

PGSA CARRIAGE

PINCERS CLAMP

HOT PLATE SEALER

SPRING CLAMP

Helix Series

Helix 1 EVO
20 RPM machine
65 pallet loads per hour

Helix 3 EVO
28 RPM machine
62 pallet loads per hour

Helix 4 EVO
36 RPM machine
80 pallet loads per hour

Helix MAX
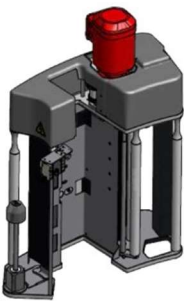24 RPM machine
90 pallet loads per hour

Helix 4/2
36 RPM machine
140 pallet loads per hour

Available options:

30" Film Carriage, Roping, Top Cover Placement, Top Pressure Hold Down, Pallet Lifter, Auto Corner Board Placement and R-Connect®.

PGSM CARRIAGE - EVO
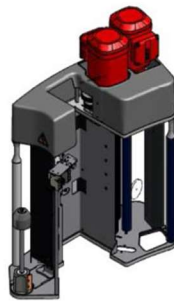
PGSA EVO CARRIAGE
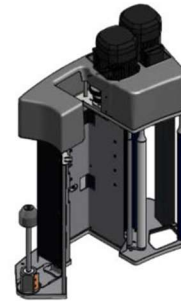
SCSP/2 EVO CARRIAGE

EVO PINCERS CLAMP

HOT PLATE SEALER

EVO SPRING CLAMP

NIP AND TUCK CLAMP

Genesis Series

Genesis Futura HS
50 RPM machine
110 pallet loads per hour

Genesis Futura 40
40 RPM machine
80 pallet loads per hour

Genesis Futura XL
30 RPM machine
60 pallet loads per hour

Genesis Thunder
65 RPM machine
120 pallet loads per hour
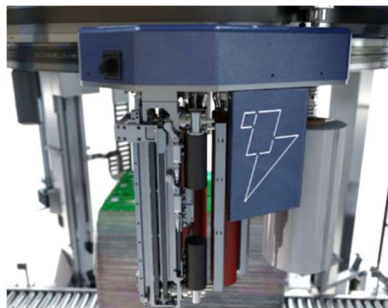
BGS Carriage
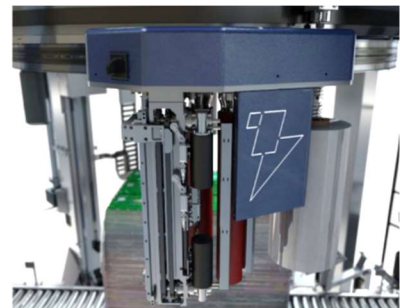
BVS Carriage

ASCSP Carriage

USCSP/2 Carriage
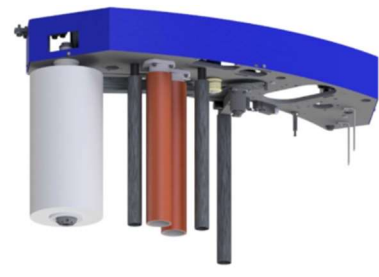
BSCSP Carriage
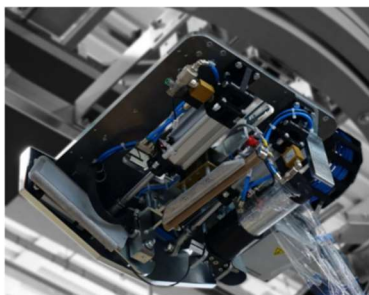
Spring Clamp

Nip & Tuck Clamp

Futura Clamp

Sotemapack Spiror BW Series

Spiror BW 1400

Spiror BW 1800

Spiror BW 2200

Spiror BW 2600

Spiror BW 3500

The Sotemapack Spiror BW Series automatic horizontal stretch wrappers are the ideal ring size to wrap insulated metal panels, plaster boards and other building materials.

DIMAC

Laser

Sealing bar style shrink bundling machines with the ability to run neutral film in the following formats at a max rate of 20 PPM

- 20 PPM

	F	FILM ONLY
	P	PAD + FILM / FILM ONLY
	T	TRAY + FILM / PAD + FILM
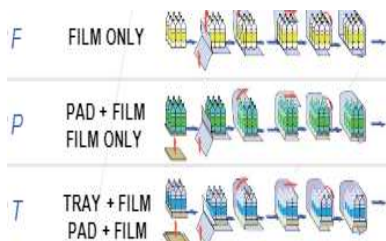
CARATTERISTICHE TECNICHE *TECHNICAL FEATURES*

| MACCHINA / *MACHINES*		LASER F 20 PPM	LASER P 20 PPM	LASER T 20 PPM
lunghezza totale A	mm	6700	6700	8460
overall lenght A	inches	266.3	266.3	332.4
larghezza macchina (+ quadro elttrico) B	mm	1260 (+300)/	1260 (+300)/	1260 (+300)/
machine width (+ main electrical cabinet) B	inches	49.6 (+11.8)	49.6 (+11.8)	49.6 (+11.8)
altezza piano di lavoro	min/max (mm)	1050-1150/	1050-1150/	1050-1150/
working height	min/max (inches)	41.3-45.2	41.3-45.2	41.3-45.2
potenza totale	kW	42	42	42
total power (kW.)				
consumo aria	Nl/min	20	20	20
air consumption				
pressione aria	bar	6	6	6
air pressure				

NOVA

The Dimac Nova is a shrink-wrapping and tray forming machine designed with maximum flexibility. The automatic servo changeover is controlled from the control panel. The new human centered design was created for ease of use and maintenance. The machine includes enhanced options compared to previous models including an option for automatic film splicing

- 30/40 or 50/60 PPM

| packs with film only | packs with flat pad and film | packs with tray and film | packs with tray only |

Prasmatic

TCS Series

Medium-speed automatic shrink wrapping machines and wrap around case packer machines for end line packaging.

- Up to 30 PPM

IN-LINE PRODUCT FEED

ORTHOGONAL PRODUCT FEED
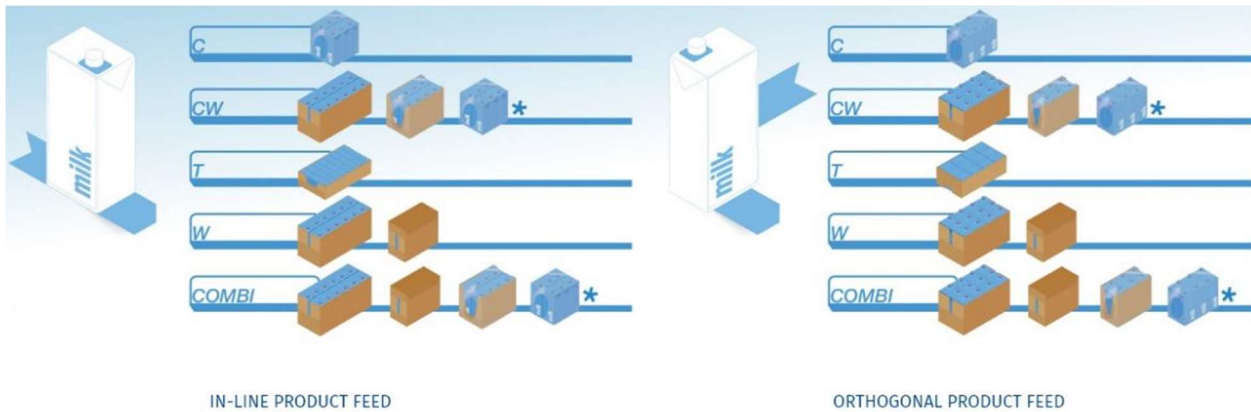
TCS SERIES TECHNICAL DATA AND FEATURES

Blanks magazine capacity	450 depending to thickness
Max blank length	1100 mm
Max blank width	600 mm
Max reel diameter	500 mm
Max reel width	680 mm
Max reel weight	80 Kg
Average size changeover time	10 ÷ 15 min. according to the machine model
Extremely compact dimensions	
Brushless servomotor drives	
Fewer and simplified maintenance operations	
Low noise level	
Modular construction, easy accessibility and complete visibility of the production cycle	
Large and easily accessible in line or lateral blanks magazine	
Touch screen control panel	

THE MACHINE CAN BE EQUIPPED/INTEGRATED WITH:

Automatic Multilane Distributor for non-cylindrical products
Automatic size changeover
Stacker unit
Entirely made of AISI 304 stainless steel and anti-corrosive materials
Device for managing printed film
Extractable film unit
Fully accessible film reels
Automatic reel change
Allen-Bradley control system
Wash down execution

Prasmatic

TC Series
Combination shrink wrapping and case packaging for medium and high speed production.

- 35 to 85 PPM
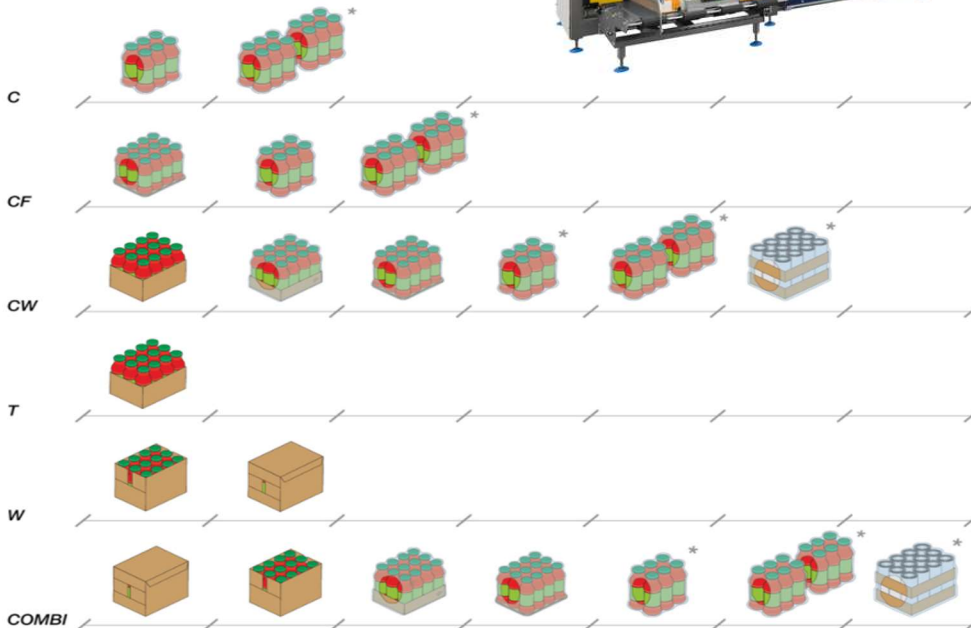
* OPZIGNALE / OPCIONAL / OPTIONS

TC SERIES TECHNICAL DATA AND FEATURES

Blanks magazine capacity	400-1600 according to thickness and magazine type
Max blank length	1250 mm according to the speed and the machine model
Max blank width	650 mm
Max reel diameter	500 mm
Max reel width	720 mm
Max reel weight	80 Kg
Average size changeover time	10 ÷ 25 min. according to the machine model
Extremely compact dimensions	
Brushless servomotor drives	
Fewer and simplified maintenance operations	
Low noise level	
Modular construction, easy accessibility and complete visibility of the production cycle	
Large and easily accessible lateral blanks magazine	
Touch screen control panel	

THE MACHINE CAN BE EQUIPPED/INTEGRATED WITH:

Automatic Multilane Distributor for non-cylindrical products
Automatic size changeover
Stacker unit
Entirely made of AISI 304 stainless steel and anti-corrosive materials
Device for managing printed film
Extractable film unit
Fully accessible film reels
Automatic reel change
Allen-Bradley control system

Sotemapack

Compacta

Entry-level machines built with solid monobloc technology and high-quality components that provide durability and strength. Operate by manually positioning products on the collation table and pressing a button. The machine is designed for small quantity shrink wrapping of products such as bottles, cans, jars, and tins.

- 15 PPM

T90

Speeds up to 15 packs per minute to individually wrap various products or to group them in bundles which are then wrapped and shrinked. Built for food, beverage and consumer products in bottles, cans, jars, and cans. Available in various versions.

- 15 PPM

TF

Machine wraps 22 packs per minute. Machines includes side sealer bar that closes packs before shrinking. Available with reel width from 12 inches (300 mm) up to 120 inches (3000 mm).

- 22 PPM

Sotemapack

WA 20

Reduce corrugated costs, required footprint, and costly conveying and integration charges. At 20 PPM, the Sotemapack WA 20 compact wrap around case packer simplifies case packing flexible bags. It's perfect for stand up pouches! This is the all in one solution that does it all!

- Combi (tray and film)
- 20 PPM

WA 25

Packs up to 25 packs per minute. Beginning with a flat cardboard, our machines automatically group the products and form a cardboard case around them by folding and gluing the edges. Our case packers were engineered for food, beverage, and consumer products in bottles, cans, jars, detergent containers, vacuum bags, jars, and more.

- Combi (tray and film)
- 25 PPM

MORBIWRAP

With a 20 pack per minute capacity, the Sotemapack Morbiwrap case packer machine is designed for the stacking and subsequent packaging of punched cardboard of soft products (pillow pack, wet wipes, etc.).

- Combi (tray and film)
- 20 PPM

Sotemapack

TOTALPACK 50/80

- Six sided closure bagging system

TOTALPACK 130

- Six-sided closure bagging system
- Produces up to 6 totally closed packs/min

TOTALPACK 150

- Six-sided closure bagging system
- Produces up to 6 totally closed packs/min

STRETCHPACK 130S

- Automatic horizontal shrink bundler with manual product loading.
- Wraps around four sides with stretched PE foil to provide a stable package without shrink.
- Available in manual or automatic product feeding.

STRETCHPACK 130S IL

- Automatic horizontal shrink bundler with a programmable high speed in line product in-feed pusher system.
- Wraps around four sides of panels, insulation boards, trays, boxes and similar products with stretched PE foil to provide a stable package without shrink.
- Available in manual or automatic product feeding.

STRETCHPACK 130 T90

- Automatic horizontal stretch bundler machine with 90 degree product in-feed.
- Wraps around four sides of panels, insulation boards, trays, boxes and similar products with stretched PE foil to provide a stable package without shrink.
- Available in manual or automatic product feeding.

TOPTIER

Robot Pick 'n Place

- 10 – 12 cases per minute
- Smallest footprint available for automatic palletizing: only 89" wide by 129" long
- Patented Sweep Turn infeed builds precise rows at rates higher than competitive solutions
- All products 100% bottom supported
- Nearly any product can be palletized including open top display cases, telescoping lid cases, and trays
- 6"x6" to 24"x16" products handled automatically
- Allen Bradley controls with servo controlled pick and place motion
- 9" PanelView HMI with intuitive graphics interface to manage patterns and tune machine functions
- Category 3 PLd safety standard with controlled entrance preventing hazard exposure
- Configurable to fit in any space with three load exit or entrance sides
- Automatic pallet handling, pallet dispensing, load exit, and sheet insertion modular options available

Low Infeed

- Rates: 1-3 layers per minute
- Products: case, tray, trayless, open top, lidded, overwrapped or unwrapped, bundles, nested, display packs
- Infeed height: 23" to 60"
- Min. case dimension: 4.5"
- Max. case dimension: 29"
- Max. case height: 36"
- Standard layer weight: 300 lbs.
- Min. layer dimension: 38"
- Max. layer dimension: 50"
- Standard load height: 60" or 72"
- Minimum footprint: 162" x 115"
- Typical footprint: 233" x 155"

High Infeed

- Rates: 1-4 layers per minute
- Products: case, tray, trayless, open top, lidded, overwrapped or unwrapped, bundles, nested, display packs
- Infeed height: 108" to 148"
- Min. case dimension: 4.5"
- Max. case dimension: 29"
- Max. case height: 36"
- Standard layer weight: 300 lbs.
- Min. layer dimension: 38"
- Max. layer dimension: 50"
- Standard load height: 72"
- Minimum footprint: 80" x 80"
- Typical footprint: 190" x 142"

ROBOPAC

Starline B

Our fixed pallet automatic de-palletizer comes complete with a bottle outlet bench. Layer transfer is carried out by inflatable rods for glass bottles or plastic containers, or by a magnetic head for metal containers. It is suitable for medium-high outputs.

TRANSLATING CARRIAGE

The functioning is practical and reliable by means of a translating carriage. Applied to the frame, the containers are pushed on a platform that will raise to the loading height of the accumulation bench (the latter will be always in line with feeding).

The Starline B fixed pallet automatic depalletizer features an independent, compacting device, which keeps the container layers in position during the drawing phase and the intermediate layer-pad removing phase.

The gripping head may be of different kinds, according to the container to be depalletized. It may be composed of inflatable rods, pneumatic grippers, mechanical grippers, and perimetric pads.

Starline HS

The Starline HS automatic de-palletizer machine removes crates from the pallet, deposits them on a bench, and brings them on a unique row.
Flexibility and reliability are the main features of this machine. Format change over operations are fast and requested maintenance is limited. All the movements are carried out by watertight bearings or self-lubricating bushes.

Available options: empty pallet storage, parking roller for pallets to depalletize

TRANSLATING CARRIAGE

This automatic depalletizer machine's translating carriage removes crates from the pallet, deposits them on a bench, and brings them on a unique row.

OCME

Auriga PS

- Auriga PS is an automatic laser guided vehicle with covering forks. In low position, the forks cover the rear wheels just like an electrical pallet truck.
- Extremely compact and agile machine
- The load capacity of Auriga 15 PS is 3,300 lbs. (1500 kg) with a 23.6 in. (600 mm) load center.
- The machine is 32.3 in. (820 mm) wide and 86.6 in (2200 mm) long.
- Forks are lifted from 40 to 118 in. (1000 to 3000 mm) at maximum speed of 67 in. (1700 mm) per second.

Auriga CT

- Auriga CT are counterbalanced vehicles with forks (like front forklift truck).
- Load capacity of Auriga CT goes from 1750 lbs. (800 kg) for Auriga 8 CT up to 9,900 lbs. (4500 kg) for Auriga 45 CT.
- The smallest version, Auriga 8 CT, has reduced dimensions, whereas the largest version, Auriga 45 CT, 70 in. (1800 mm) large and 171 in. (4350 mm) long.
- Forks are lifted from 39 to 197 in. (1000 to 5000 mm) with maximum speed of 67 in. (1700 mm)/second.

Auriga Z

- The Auriga Z is a laser guided forklift vehicle, equipped with load stabilizers that increase the load capacity without using bulky mechanical structures.
- The load capacity of Auriga Z goes from 5,500 lbs. (2.500 kg) for Auriga 25 Z, up to 1,300 lbs. (6.000 kg) for Auriga 60 Z.
- Forks are lifted from 40 to 80 in. (1000 to 2000 mm), with a maximum speed of 70 in. (1700 mm) per second.

Auriga C

- Auriga C is equipped with chains, rollers, or rubber belt conveyors.
- Load capacity of Auriga C goes from a minimum of 3,300 lbs. (1500 kg) for Auriga C1 to maximum of 11,000 lbs. (5000 kg) for Auriga C4.
- The conveyors used can be customized to transport different pallets. Maximum speed is 67 in. (1700 mm)/second.

Auriga RT-H

- Auriga RT-H is our industrial, fully automated reach truck designed to lift heavy loads to high heights.
- Able to move in-between shelving placed at a distance of 11 ft. (3.300 mm) from one another. This vehicle uses a Triplex lifting mast for elevation up to 28 ft. (8.500 mm).
- In order to increase the number of working hours, the minimum capacity of the batteries is 620 Ah. Maximum speed in automatic mode is 5.5 ft. (1.700 mm)/second.

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For information on our full line of semi-automatic stretch wrappers and case equipment, see our Semi-automatic Catalogue.

ROBOPAC USA   ocme Moving Ideas   TOPTIER Simple by design

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