



**SACHET AND STICK-PACK
SOLUTIONS SINCE 1973**

www.omag-pack.com

**MACHINES BROCHURE
& COMPANY PROFILE**



OMAG

INNOVATIVE SOLUTIONS FOR THE PACKAGING OF THE FUTURE

We conceive, design and build packaging machines. For ambitious customers, for those who are not afraid to dream big.



OUR FAMILY

We have always created innovative solutions for ambitious companies, that need to fully express their potential. We guide our customers in choosing the best solution for their needs, helping them to achieve their goals. "Our values, our mission and our determination have allowed us to reach important results and to keep looking ahead."

OUR HISTORY

Since 1973 we have been designing and manufacturing packaging machines and complete packaging lines for various goods sectors: more than 50 years of flexibility, care for our customers and constant evolution.

From the artisan spirit defining our beginnings, we have inherited the ability to listen to our customers and understand their needs, to provide a tailor-made product capable of optimising productivity and reducing maintenance times to a minimum.

Our packaging machines are made entirely in Italy by our team of experts, taking care of each single detail and collaborating with the customer in all stages of the process to identify the perfect solution according to their specific needs.

Ongoing investments in research and development and our daily communication efforts towards new and existing customers have led us to achieve a leading position in the Italian and international markets.

We are currently present worldwide with 3 branches, over 50 agents and distributors, and billions of sachets and stick packs produced every day by our packaging machines.





FOOD

For over 50 years we have been supporting the food industry, by designing food packaging machinery to address the various packaging requirements of a wide range of products. Maximum flexibility and reliability to meet all needs for food packaging.



CHEMICAL

Whatever your formula, our packaging equipment can guarantee optimal packaging for any type of product, with a high flexibility and an effective control of the production process.



PHARMACEUTICAL

We design and manufacture packaging machines and lines for the pharmaceutical industry that are suited to all needs. Cutting-edge technology, for guaranteed maximum productivity and the highest product standards.



COSMETIC

Thanks to our experience and ongoing research, our customers receive packaging solutions tailored to the different needs of the cosmetic and personal care industry. Our machines are designed and manufactured for any type of skin-care & beauty product.



NUTRACEUTICAL

Maximum flexibility is our keyword: from powders to granules, from liquids to gels, our packaging machines are designed to meet the many needs of the nutraceutical sector, by guaranteeing effective packaging for any type of product such as proteins, food supplements and nutraceuticals.



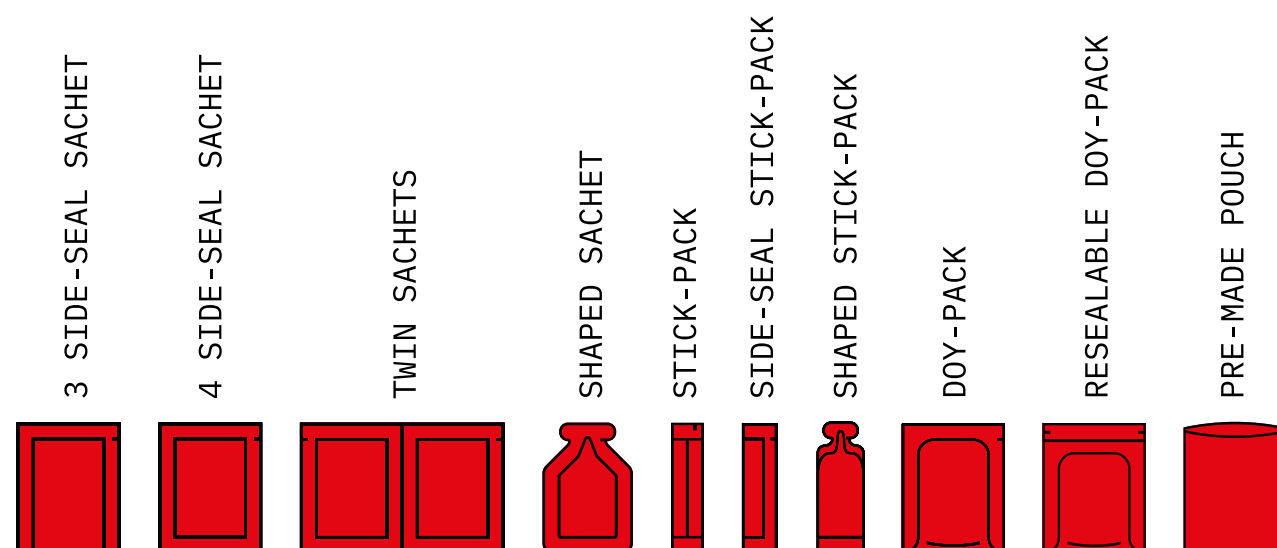
AVAILABLE FORMATS

for your packaging solutions

CHOOSE YOUR PACKAGING

Heat-sealed on all sides, sealed only at the two ends, shaped or stand up on the bottom, these are just some of the options available, from which you can choose the one that suits your business. Through the wide range of accessories, you can customise the packaging following your preferences.

Choose your size and the film type, we'll take care of the rest!



POWDERS

Powder packaging is a complex and highly elaborate process. With Omag at your side, you can manage the packaging process effectively for all your products, by dosing them in an extremely precise way to minimise waste. We offer solutions specifically designed for responding to the needs of a rapidly evolving market.



GRANULES

Precise and efficient dosing is essential for packaging granular products. Our packaging machines can handle the complex variability of granules for obtaining perfect packaging quickly and with less waste.



LIQUIDS

For over 50 years we have been designing and producing specialised packaging systems for liquid products. Sticks, sachets, doypacks – whatever your liquid product, Omag offers a wide range of solutions that improve the dosing, packaging, adjustment and cleaning operations.



PASTES

Precise dosing that guarantees an optimal product distribution and minimal waste is a crucial factor for packaging creamy and pasty products. Omag will provide the best solution for packaging your products, while minimising waste and maximising efficiency.



TABLETS

Our packaging machines feature cutting-edge technology for packing tablets, capsules and effervescent products. Our solutions are customised and scalable to fit the product's shape and properties, and allow for optimally managing the product packaging volumes and times, whether it be sachets or strips.



OBJECTS & SPECIALS

"Flexibility" is our keyword: we offer the possibility of packaging objects and single pieces of various shapes and sizes, by using machines equipped with fully customised dosing systems.





VERTICAL PACKAGING MACHINE

for 4 side sealed sachet

C3 continuous-motion
vertical packaging machine

MORE INFO



PRODUCTS:

POWDERS
GRANULES
PASTES
LIQUIDS
TABLETS
OBJECTS
SPECIALS

- C3 IS DURABLE, FAST AND EFFICIENT.**
- C3 CAN BE FITTED WITH ONE OR MORE DOSING SYSTEMS TO BE USED ALTERNATELY.**
- C3 PRECISION AND RELIABILITY ARE ALWAYS GUARANTEED.**

Available formats



The **C3 machine** is ideal for customers who need to produce sachets sealed on four sides with high performance and quality standards.

Access to C3 equipment is amazingly easy since it is provided with a series of assembly/disassembly-assisted systems such as filler, sealing and reel lifting groups. Consequently accurate and user-friendly design allows operator and MTN technician to get access to any part and component without any difficulty so to implement easily and cleaning, parts replacement and control procedures.



YOUR PROCESSES CAN BE FULLY OPTIMIZED BY USING THE NATURAL PROPERTIES OF THIS MACHINE, WHICH IS EXTREMELY ACCESSIBLE, EASY TO CLEAN AND FEATURES A HIGHLY COMPACT DESIGN.



FOOD



CHEM



SUPP



COSM



PHAR



VERTICAL PACKAGING MACHINE WITH SEALING PLATES for 4 side sealed sachet

CP intermittent-motion
vertical packaging machine

MORE INFO



PRODUCTS:

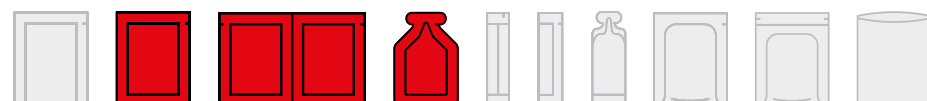
POWDERS
GRANULES
PASTES
LIQUIDS
TABLETS
OBJECTS
SPECIALS

CP HAS SEALING PLATES TECHNOLOGY; PRESSURE AND TEMPERATURE OF THE PLATES CAN BE ADJUSTED INDEPENDENTLY ON EACH ROW.

CP GUARANTEE EASY FORMAT CHANGEOVER.

CP IS THE IDEAL SOLUTION FOR AESTHETIC SACHETS.

Available formats



The **CP machine** is the solution that best reflects your aesthetic needs for the production of sachets sealed on 4 sides. Despite being compact and easy to use, the machine will produce sachets with a high design standard. The machine can keep the sealing plates perfectly aligned thanks to its independent support system, on each row, ensuring maximum stability at all times and a long-lasting tightness. The pressure and temperature of the plates can be adjusted independently on each row.



THANKS TO ITS EXTREME ACCESSIBILITY AND ERGONOMICS, THE CP PACKAGING MACHINE CAN BE FITTED WITH ONE OR MORE DOSING SYSTEMS TO BE USED ALTERNATELY. PRECISION AND RELIABILITY ARE ALWAYS GUARANTEED.



FOOD



CHEM



SUPP



COSM



PHAR



HORIZONTAL PACKAGING MACHINE

for 3 or 4 side sealed sachet, doypack and shaped sachets

PRODUCTS:

POWDERS

GRANULES

PASTES

LIQUIDS

TABLETS

OBJECTS

SPECIALS

CO intermittent-motion
horizontal packaging machine

MORE INFO



The **CO machine** is an extremely flexible solution that will allow you to produce sachets sealed on three or four sides also in doypack format. The wide range of accessories give you the possibility to produce single or double sachets joined by vertical perforations with any type of closing system. The completely electronic management, the servo motors, and the operator interface with a broad and bright touch screen make the CO packaging machine highly flexible and accurate.



DOYPACKS: THIS IS THE ONLY PACKAGING MACHINE THAT CAN MAKE SACHETS SEALED ON 3 AND 4 SIDES, BUT ALSO DOYPACKS, WITH OR WITHOUT RECLOSABLE ZIP. THE SACHETS AND DOYPACKS CAN ALSO BE SHAPED.

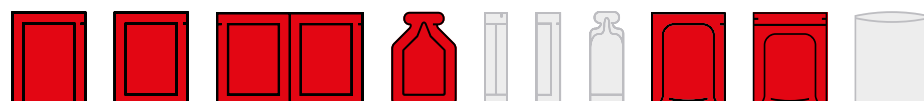


CO IS FLEXIBLE IN DOSING AND SACHETS FORMAT.

CO IS THE ONLY OMAG HORIZONTAL MACHINE FOR DOY-PACK AND STAND UP PRODUCTION.

CO RESPECT THE PRODUCTS BY USING COLD DOSING SYSTEM.

Available formats



FOOD



CHEM



SUPP



COSM



PHAR



CAROUSEL PACKAGING MACHINE

for 3 or 4 side sealed sachet, doypack and pre made pouches



CG Intermittent-motion packaging machine

MORE INFO



The **CG machine** is a carousel machine suitable for packaging various types of products in 3-side-seal and 4-side-seal sachets and pre-made pouches. It will guarantee the utmost reliability also when working with very high doses, without affecting your performance and quality requirements. Thanks to its special design, the machine can be fitted with two different dosing stations for filling two different products and/or delivering the desired dose in two stages, reaching high levels of productivity even when larger doses are required.

PRODUCTS:

POWDERS
GRANULES
PASTES
LIQUIDS
TABLETS
OBJECTS
SPECIALS



HIGH DEGREE OF DOSING FLEXIBILITY FOR THE MOST DIVERSE PRODUCTS, CREATING EVEN LARGE-SIZE SACHETS, WHICH ARE UNCOMMON FOR SINGLE-DOSE PACKAGING MACHINES.

CG IS THE UNIQUE OMAG CAROUSEL MACHINE STARTING FROM MAGAZINE.

CG IS IDEAL TO DOSE TWO DIFFERENT PRODUCTS OR DELIVERING THE DESIRED DOSE IN TWO STAGES.

CG ENABLE LARGE SIZE PRE-MADE SACHETS PRODUCTIONS.

Available formats



FOOD



CHEM



SUPP



COSM



PHAR



VERTICAL PACKAGING MACHINE

for stick-pack and 3 side sealed sachet

CS intermittent-motion
vertical packaging
machine

MORE INFO



PRODUCTS:

POWDERS
GRANULES
PASTES
LIQUIDS
TABLETS
OBJECTS
SPECIALS

CS IS ENERGY EFFICIENT: LARGE OUTPUT WITH SMALL CONSUMPTION.
CS HAS A CONSOLIDATED TECHNOLOGY ENSURING THE HIGHEST PRODUCTIVITY.
CS USER FRIENDLY AND EASILY ACCESSIBLE TO THE OPERATOR.

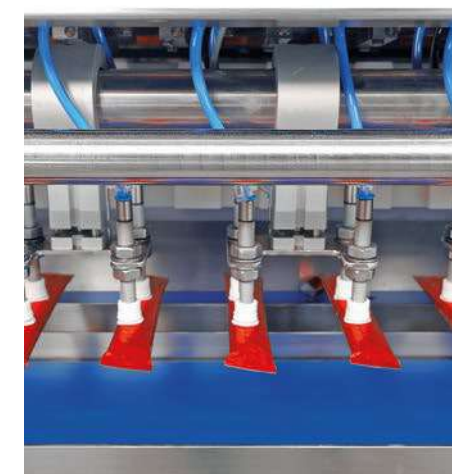
Available formats



The **CS machine** is ideal for customers who need to pack sealed sachets in stick pack format with uniform or diversified products. The versatility of the dosing system and the possibility of integrating any marking unit will allow you to minimize the cycle time and thus increase your production performance. Thanks to our extensive experience, we have succeeded in developing forming collars for the most diverse needs to create the following packages: stick packs with longitudinal, central and lateral seals, and sachets with seals on three sides.



ALL THE SEALING AND CUTTING UNITS ARE INDEPENDENT, REMOVABLE, EASILY ACCESSIBLE TO THE OPERATOR AND ADJUSTABLE WITHOUT THE AID OF MECHANICAL TOOLS, FOR EASY CLEANING AND FORMAT CHANGEOVER.



FOOD



CHEM



SUPP



COSM



PHAR



FLEXIBLE PACKAGING MACHINE

for stick-pack and 3 side sealed sachet

CSJ intermittent-motion
vertical packaging
machine



MORE INFO



The **CSJ machine** is the most suitable option for producing small batches in stick pack with the maximum reliability and versatility. Its modularity allows you to quickly and easily change format even in extremely tight spaces, without any negative impact on productivity and flexibility. Thanks to its extreme accessibility and ergonomics, the CSJ packaging machine can be fitted with one or more dosing systems to be used alternately. Precision and reliability are always guaranteed.

PRODUCTS:

POWDERS
GRANULES
PASTES
LIQUIDS
TABLETS
OBJECTS
SPECIALS



THIS ESPECIALLY COMPACT MACHINE IS EASY TO USE AND SUITABLE FOR PRODUCING SMALL BATCHES THAT DIFFER FROM ONE ANOTHER, AND SAMPLES FOR MARKET SURVEYS, LABORATORY TESTS AND PRODUCT STABILITY TESTS.

CSJ GUARANTEE MAXIMUM FLEXIBILITY.

CSJ ALLOWS YOU TO DOSE TWO DIFFERENT PRODUCTS AT SAME TIME.

CSJ HAS THE SAME EXPERTISE OF CS BUT IN A COMPACT VERSION.

Available formats



FOOD



CHEM



SUPP



COSM



PHAR





VERTICAL PACKAGING MACHINE

for sugar packing into stick-pack

DIVA intermittent-motion vertical packaging machine

MORE INFO



The **DIVA machine** is the most efficient machine for producing stick pack in small product batches. Highly efficient dosing systems for sliding granular products. White sugar, brown sugar, salt and pepper are the typical products for which the DIVA machine delivers the best results. With this packaging machine you can create stick formats of any length to accommodate a wide range of doses. Upon request, you can also produce **Triangular Pyramid Sticks**.

- PRODUCTS:**
- POWDERS
 - GRANULES**
 - PASTES
 - LIQUIDS
 - TABLETS
 - OBJECTS
 - SPECIALS



DIVA IS THE OPTIMAL CHOICE FOR CUSTOMERS WHO WANT TO MINIMIZE THE INITIAL INVESTMENT ON A STICK MACHINE WITHOUT SACRIFICING PERFORMANCE AND RELIABILITY, WITH SPEEDS OF UP TO 300 STICKS PER MINUTE.

- DIVA IS SUPER COMPACT AND RELIABLE.**
- DIVA HAS THE BEST PRICE/QUALITY RATIO.**
- DIVA IS THE IDEAL SOLUTIONS FOR SUGAR PACKING.**

Available formats



FOOD



CHEM



SUPP



COSM



PHAR

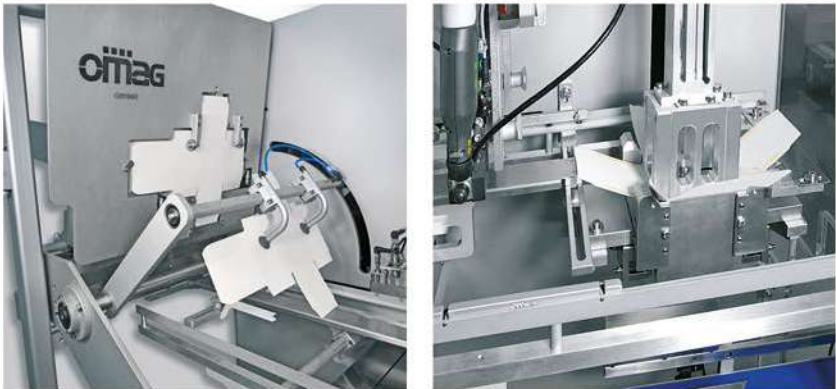
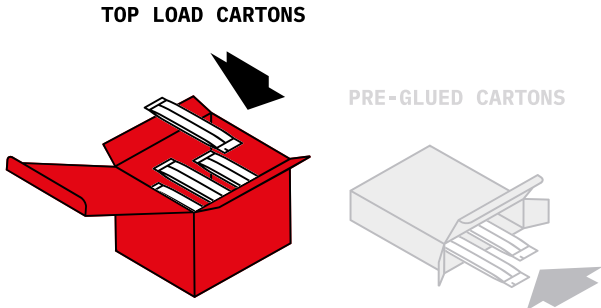


The **F46** & **C46** are two **electronic machines** entirely designed and manufactured by Omag for packing sachets and stick pack in top-load cartons. These machines are highly compact, driven by brushless motors and suitable for integration with a wide range of accessories to create an automatic packaging solution.



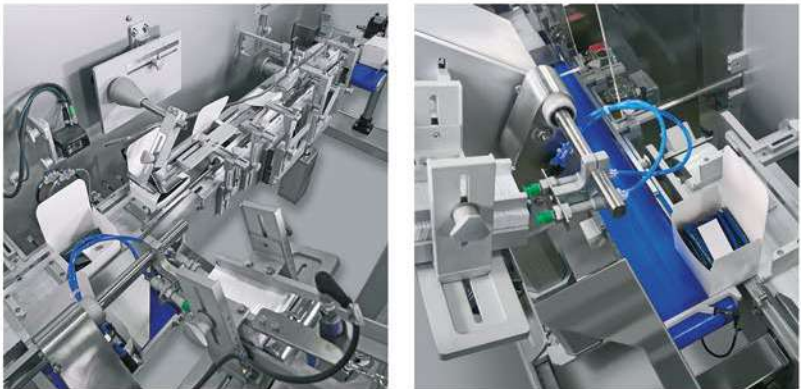
- The **Omag F46 forming machine** is made as follows:
- Magazine for flat blanks with minimum level photocell.
 - Pick and place system by suction cups with pick control.
 - Hot glue applicator for closing flaps.
 - Forming from top to bottom with positive release of cartons on a belt conveyor.

The OMAG **C46** closing machine is conceived for a quick size changeover. The closing devices can be switched from tuck-in to hot melt with ease.



TYPES OF CLOSURES:

- TUCK-IN WITH THE APPLICATION OF A TAMPER-EVIDENT SEAL.
- HOT MELT, WITH TEAR-OPEN PERFORATION.
- COMBINATION OF TUCK-IN AND HOT MELT WITH TAMPER EVIDENT SEAL.



AI 46

HORIZONTAL CARTONER

for pre glued cartons

The **AI46** is an **intermittent-motion cartoner machine** designed for sachets, blister, sticks packaging in pre-glued cartons with tuck-in closure and/or glued, with even or alternate flaps, piloted by a brushless motor and settable by HMI. Machine is controlled by PLC.



The **OMAG cartoner AI46** is composed by:

- Cartons magazine with manual adjustment and analogic indicator; It is composed also by minimum and maximum weight cartons control system.
- The cartons are picked up by the head and pre-opened by a second set of suction cups that will then transfer the pre-opened carton into the transportation belt.
- Cartons transport realized by timing belt.
- The product feeding into the carton is realized by a mechanical pushers and started by a brushless independent motor, equipped by torque control system.



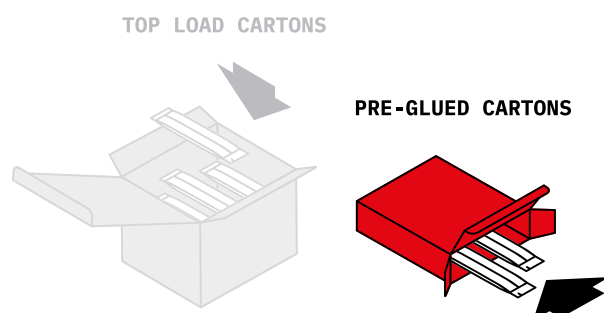
TYPES OF CLOSURES:

TUCK-IN WITH THE APPLICATION OF A TAMPER-EVIDENT SEAL.

TUCK-IN AND GLUE-BASED.

COMBINATION OF TUCK-IN AND HOT MELT WITH TAMPER EVIDENT SEAL.

MORE INFO



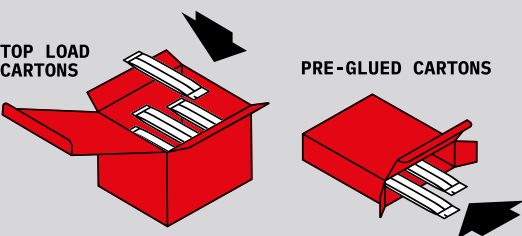


COMPLETE PACKAGING LINES

for stick-pack and sachets

The **complete Omag line** is the result of the integration of primary and secondary packaging machines. Greater speed, lower costs, optimised plant layout, better quality and improved control are only some of the advantages of this tailored solution. The machines are completely driven by servo motors, to significantly reduce the use of compressed air, which ensures greater precision of movements and a high degree of silence during production.

MORE INFO



AN AUTOMATIC PACKAGING SOLUTION WITH FEEDING UNIT ALIGNED WITH THE FILLING MACHINE (UPSTREAM) AND THE FI ROBOT-CONTROLLED MODULE FOR COUNTING, GROUPING AND SUBSEQUENTLY TRANSFERRING THE PACKS INTO CARTONS MADE FROM FLAT BLANKS OR PRE-GLUED.

PRODUCTS:

POWDERS

GRANULES

PASTES

LIQUIDS

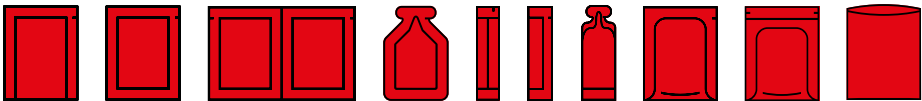
TABLETS

OBJECTS

SPECIALS

THE OPTION OF CHOOSING OMAG AS THE SOLE SUPPLIER OF A COMPLETE SOLUTION ALLOWS YOU TO CREATE MULTIPLE PACKAGING COMBINATIONS IN SACHET OR STICK-PACK FORMAT FOR YOUR PRODUCT.

Available formats



All our stick and sachet machines can be equipped with statistical and 100% weight control and analysis. The 100% control can also supply feedback to the filling machine for an in-line weight correction.





ACCESSORIES

bring the finishing touches to your packaging machine

Make your packaging machine stand out from the crowd and **customize it** with accessories that will boost your business goals. All packaging machines can be integrated with product pre-feeding units, assisted systems for assembling/dismantling the dosing units, statistical or dynamic weight check systems, , CIP (Clean in Place) units and much more.

AUGER ELEVATOR

An **automatic feeding** for powdery and granular products to the packaging machines made entirely of stainless steel with a capacity of approx. 250l. Equipped with a product mixer in the elevator with an independent motor guaranteeing a continuous supply of product. The filling hopper is also equipped with a special door to facilitate the removal of all waste from the elevator and to allow a thorough cleaning of the machine after each operation.

An important characteristic is the **possibility to lower the elevator to a horizontal position** with a simple operation for a quick and complete cleaning of the machine, every time it is needed.

TROLLEY FOR PUMP DOSING SYSTEM

Trolley for pump dosing system, with wheels, to enable **quick disassembly** of the doser and easy transport to the washing area.

TROLLEY FOR DOSING SYSTEM DISASSEMBLING

Trolley with manual lift for disassembling and transporting the various parts of the doser. The trolley is designed on wheels and built based on the final configuration of the groups, to **simplify the cleaning / maintenance operations**.

TROLLEY FOR FORMAT PARTS

Trolley dedicated to the storage and transport of format parts, with numbered supports dedicated to individual pieces and components.

LAMINAR FLOW AND UV LAMP

Cleanliness and hygiene are essential to ensure the integrity of your product. Be sure to **avoid and prevent product area contamination** thanks to laminar flow and UV lamp.

INERT GAS INJECTION

Packaging in a modified atmosphere with inert gas injection function allows you to **keep the products qualities intact** and extend the shelf life.

CIP

Clean your filling system without disassembling thanks to **Clean-In-Place**, a process for efficiently washing and sanitizing all system parts in their current location.

PHARMA CODE READER

Pharma code reader detect the presence of a bar code, pharma code or data matrix on the reel packaging film.

CODING SYSTEMS

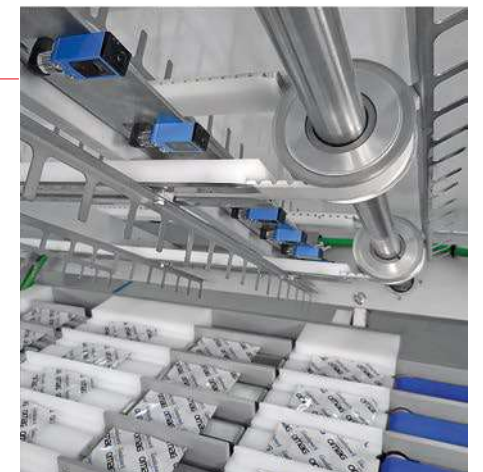
All Omag packaging machines can be equipped with **different coding systems for variable data printing** such as batch number and expiration date: laser, thermal transfer, thermal ink-jet and ink-jet.

SPLICE TABLE SYSTEM

An easy and intuitive vacuum/cutting device that makes the **reel change super easy** for technicians and operators.

WEIGHT CHECK

Our packaging machines can be equipped with **statistical or 100% weight control and analysis**. While statistical works with sample collection, 100% checkweigher control every pouch produced by the packaging machine. Both technologies send **feedback to the dosing system for an in-line weight correction**.





OMAG SERVICE

an expert team ready for action

UNIQUE REFERENCES:

a easy way to reach Omag Service

E-mail: service@omag-pack.com

Mobile & whatsapp: +39 337 150 9068

Direct spare parts order to: massimiliano.gorgolini@omag-pack.com
(in copy: service@omag-pack.com)

A SKILLED TEAM

dedicated to Service
and constantly growing

- 4 Senior Field Service technicians.
- 4 Service & Customer care representatives.
- 2 Electronic engineers dedicated to Service.

MULTITASKING OFFERS:

a wide range of services
for your business

- Remote assistance
- Training onsite
- Machine updating & revamping
- Spare parts & Accessories
- Customized maintenance plans
- Test & Analysis Lab
- For subcontractors, joint tests with order requester.

MY-O

DISCOVER

the new Omag customer portal

A full in-cloud solution, accessible by the Omag website, where customers can find all documents of their machines and lines, from certificates to machine manual, from electric and pneumatic schemes to spare parts list, organized by contents and by machine models. Customers can view the 3D of the machine making easy the spare parts offer, in a secure way and with the 24-hours support of the Service Omag.

INTERACTIVE 3D MACHINE VIEWER

explore the 3D model of the machine to see all the internal components and spare parts.

FAST AND EASY SPARE PARTS REQUEST

from the 3D viewer is easy to select and request spare parts. The order will be taken in charge from the Omag After Sales Team, that will generate an appropriate offer for the required items.

OFFICIAL DOCUMENTATION

handling of all the machine documents in a simple and organized way, readable online and always updated. All the product's information in a single entry-point.

HELPDESK

a new way to interact with our customers but with the effective support of the Omag Service Team, 24-hours.



Documents
Certificates
Manuals



Spare parts

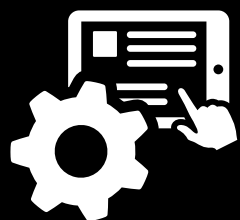


Navigate
machine 3D



24h support





TECHNOLOGIES

for your next gen packaging solution



SUSTAINABILITY

for us means taking actions

SMART MACHINES

FLEXIBILITY:
electronic format changeover, dosage and machine production speed adjustable from a touch-screen panel.

DIGITALIZATION:
maintenance and usage manual, alarm and spare parts list, pneumatic and electric drawings directly online through HMI.

INTERCONNECTION

CUSTOMER CARE:
possibility to interact with our machine worldwide with remote control and provide fast customer technical support.

IOT TECHNOLOGY:
overview of installed machines connected with cloud for status scan and maintenance activity planning.

AUGMENTED REALITY

With a common smart device and in a complete independent way it is possible to:

ANALYSE machine data in real time.

SCAN machine status and identify possible anomalies.

EASY ACCESS to machine electric panel and components.

+20% ENERGY SAVING

thanks to:

- Electric brushless motorizations with integrated drives.
- Standby threshold temperature.
- Smaller resistors to reach faster the sealing temperature.
- Smart sensors for immediate anomalies detection.

USABILITY

- Compact machines and lower number of components fitted on allows the placement in a limited area.
- Users well-being pursued through machine design optimization to ease user operation (machine components placement, screen colours, etc.).
- Modular design and easy access to every component for cleaning, control and replacement procedures.

OUR COMMITMENT FOR A GREENER WORLD

- Less component handling and 65% of our machines components are internally produced.
- Encourage online support wherever possible.
- Towards zero waste production.
- FSC certified wood.
- Use of natural degreaser.





OMAG LAB

identify the best product potential

We perform in-depth analysis on your products and film type to identify the best solution in terms of performance and dosage accuracy.

300+ PRODUCTS ANALISED EVERY YEAR
150+ HOURS OF PRODUCT TESTING EVERY MONTH

SUSTAINABLE FILM

Omag packaging machines can work with any type of film: coupled, eco-friendly, biodegradable and recyclable.

CLIMATIC ROOM

We test your products in an environment with controlled humidity and temperature to simulate the climatic conditions in your factory. This allows us to provide packaging machines that guarantee the declared performance right from the beginning.

VALIDATION DOCUMENTATION

For each machine Omag can provide specific documentation: MOCA declaration of conformity, FDA certificate, IQ/OQ/PQ, CFR21, Atex, specific documentation for parts in direct contact with the product, risk analysis, P&ID (CIP) and customized FAT and SAT Protocols.



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FOR THE PACKAGING
OF THE FUTURE**

**SINCE
1973**



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