



Complete packaging solutions and equipment for the food, beverage, glass and can making industry

Integration, expertise and technology: discover how they can help you meet and overcome the challenges of today and tomorrow

The logo for EMMETI SIPAC is centered on a dark red background. The word "EMMETI" is in a large, bold, sans-serif font, with the letters filled with a semi-transparent image of an industrial factory floor. Below it, the word "SIPAC" is in a similar font, also filled with the same industrial image. The background of the entire page is a dark red color with a faint, large-scale image of a factory interior, showing various pieces of machinery and equipment.

EMMETI SIPAC

Complete packaging solutions and equipment for the food,
beverage, glass and can making industry



MECIRA

Emmeti group. **Sinergy at work.**



C



LOGIK
Technology

1

The group. **Sinergy at work.**

- **Emmeti is the lead company of a group of four closely related, privately owned, companies: EMMETI, MECTRA, SIPAC, and LOGIK.** Each company has a design and production facility near Parma, Italy, about a 60 minute drive from Milan and Bologna. These four companies are specialized in designing and manufacturing complete palletizing, depalletizing, packaging and conveying lines, which allows the group the flexibility to supply turn-key solutions to their customers, or just one specific piece of equipment on the line.



EMMETI

EMMETI designs and manufactures complete cold-end lines for the glass industry, as well as packaging lines for the plastic container industry and beverage industries (wine, beer, distilled spirits, soft drinks, water, juices and other beverages).



www.emmeti-spa.it

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SIPAC

SIPAC manufactures conveyors, accumulation tables, elevators / lowerators, lane dividers, and optical inspection system for non-round container orientation.



www.sipac.pr.it

page 18

MECTRA

MECTRA designs and manufactures complete packaging lines for the food industry [cereals, spices, honey, salt, cookies, pasta, ice-cream, coffee, tea, frozen food and more], PET packaged foods, cosmetic and chemical industries [lube oil, paints, and diluents].



www.mectra.it

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LOGIK Technology

LOGIK designs and manufactures packaging equipment for the beverage industry [depalletizers, case and crate packers and unpackers, and case palletizers].



www.logik.it

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Key values and **benefits****FLEXIBILITY**

Flexibility has been the key to success since the conception of the organization.

- Fit proposals to customer needs (machine design, components selection, integration on the line)
- Collaboration with companies involved in the value-chain
- Anticipating future requirements

Flexibility in the management of the line

- Fast or zero time change over: quick job change
- Handling of non-round, unstable containers
- Easy handling of palletizing layer patterns
- No back pressure on accumulation tables

Flexibility in the after-sales

- Customized, targeted after sales and maintenance campaigns based on actual customer's needs
- Large use of commercial parts (no proprietary parts)
- Worldwide technical network to widely assist our customers.
- 24 / 7 / 365 day support.



For a company in the bottling or glass industry, facing the challenges of the current global markets means relying on all of its potential.

Emmeti, Sipac, Mectra and Logik are able to develop highly qualified solutions with the advantage of being a premier worldwide industrial group. The Emmeti group of companies has the experience, expertise and combined aggressive and strategic capacity necessary to understand customer's short and long term requirements, in order to allow customers to implement their own strategy and be a part of their development plans for the future.

TAILORED SOLUTIONS

Understand

Expertise to perceive the significance of special demands in terms of: difficult to handle containers, such as RT, Unique / Geometrical shapes, frosted, as well as high end containers. Supplying equipment for low to high volume production rates, logistical needs, system integration, and much more.

Design

Each of the four companies employees a team of highly specialized engineers, utilizing advanced 3-D CAD systems, and an experience of over 1,500 installations worldwide.

Provide

Flexible technology and maximum efficiency.

COMPETENCE AND RELIABILITY

Emmeti group produces the most reliable and most advanced container handling systems (palletizers, depalletizers, conveying lines and ancillary equipment) for glass, plastic, metal (tin plate/aluminum) containers. Customers operating some of the world's most advanced, highly automated plants can rely on our highly efficient lines. Plants where 24 / 7 operation is not a requirement, it's a necessity.



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Global assets

Global presence, combined with local service

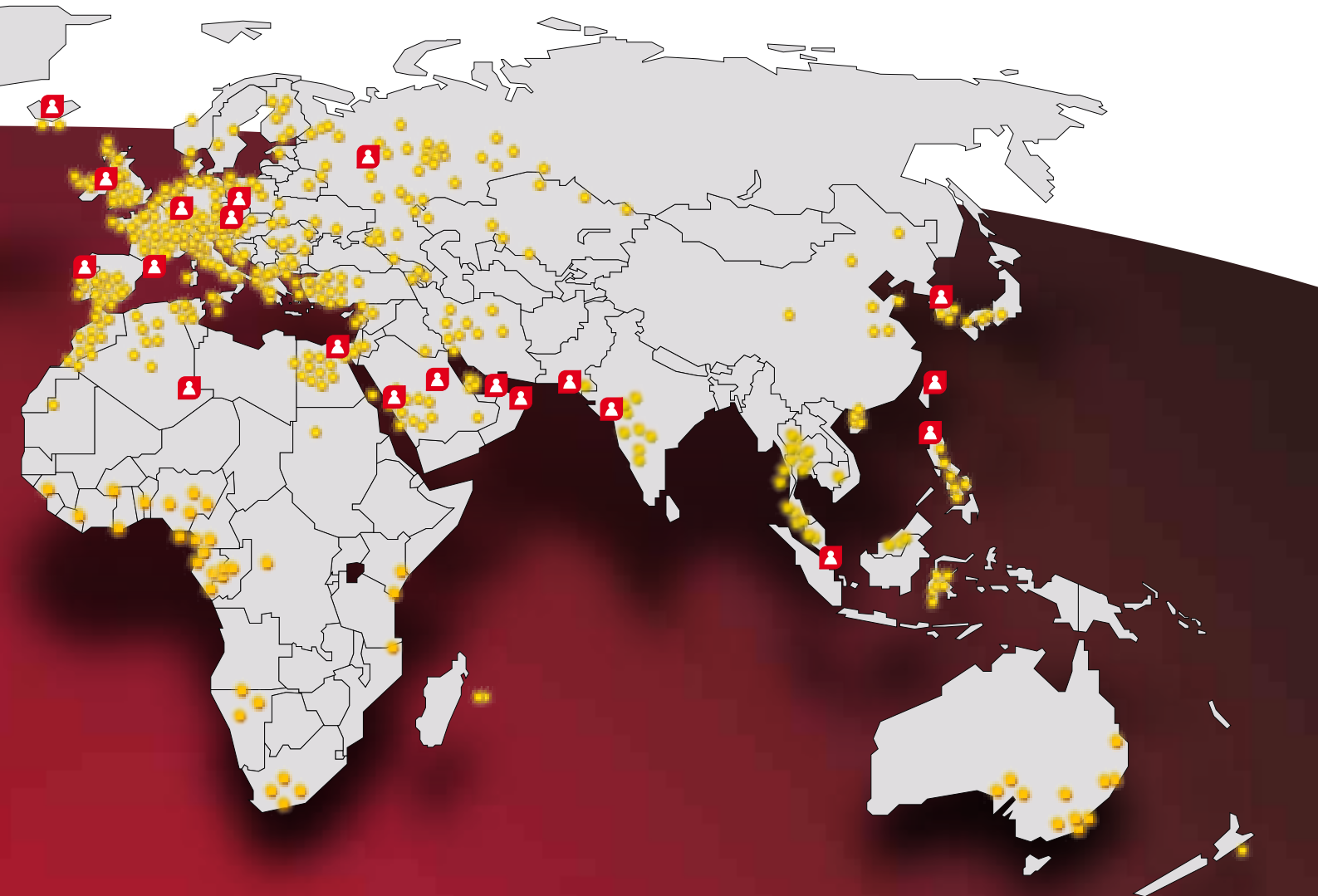
Currently Emmeti incorporates a worldwide assets network comprised of more than 30 local team members and numerous technical support centers.

This entire network provides full support to the over 1,500 + installations supplied globally, in more than 30 years of business.

Services to support your efficiency

Excellent support in providing proper training of operators, mechanics and technical services by our skilled trainers and technical field teams.

- **Two levels of training:** one for every day operation and one for support [electrical and mechanical + maintenance].
- **Classroom and hands-on practice** to simulate actual production and maintenance scenarios
- **Refresher** courses after installation and start up
- **Extended follow-up service** calls to further assist in the transition to full ownership of the equipment



Remote Engineering

- **Remote access to troubleshoot** possible equipment malfunctions from our technical offices
- **Eliminates the need for a visit** and saves time and money required to get a service rep on site
- **Equipment is supplied ready for remote access** and in most cases all that is needed is a clean phone line, or network access

Telephone Assistance

- **24/7/365 technical support** lines to assist in maintenance, discuss technical issues and downtime.
- **Over 99+% of all calls result** in equipment that is back up and running within the same call.

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EMMETI

Our intent is to share targets and goals with our client through a responsible and sustainable use of technology



Emmeti designs, produces and installs complete cold-end lines, for the glass industry [hollow glass], packaging lines for plastic and beverage industries. Emmeti offers cost effective and flexible packaging solutions to reduce downtime, maintain a high efficiency through the entire lifetime of its equipment, improve quality of finished product, thus to assure its customers a full satisfaction and a quick return on investment.

Palletizing, depalletizing and conveying technology

Emmeti is a world market leader in the palletization and depalletization field thanks to its consolidated experience and the high quality standards of its machines.

100

Employees

16.000

Square meters of
manufacturing plant

35.000.000 €

Average annual turnover

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Mission



Skilled engineers and state-of-the-art products

Our personnel, highly specialized in the various production sectors, utilize the most current design engineering tools to develop innovative solutions and supply complete assistance to all of our customers. Continuous research and technological innovation involves every section of the production cycle, from the administrative and sales departments, to the engineering and production divisions.

In a fast changing world the ability to react quickly is the most important key to success.

Emmeti's technology is designed to ensure the fastest and easiest way to fulfill our customer's market demands. Standardized fast or zero-time change over, high reliability, tailor-made solutions [especially those involving non-round and unstable containers], integrated handling and logistics, through experience and unsurpassed service and support, makes Emmeti a worldwide competence center for the automation of glass and bottling production plants.



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Technology and quality: cornerstones of the Emmeti company philosophy

GLASS INDUSTRY



BOTTLING



CASE / CRATE PACKERS

CASE / CRATE PACKERS

- Available from 1 to 10 heads.

COMPLEMENTARY MACHINES FOR CASE PACKERS

- Case formers, case sealers (hot melt or PVC) and partition inserters.



High technological level achieved by Emmeti solutions

Thanks to the huge investments made in the competitiveness and technology of its products, in a market that continues to demand increasingly higher performance, Emmeti provides application specific technological solutions.



Quality, design, engineering and production, as well as careful selection of materials and the meticulous detail to pre-installation assembly of the machinery prior to installation, enables optimum quality standards to be obtained, on extremely short installation timescales.

PALLETIZATION / DEPALLETTIZATION

PALLETIZERS

- Pick and place and sweep type palletizers for glass bottles.

COMPLEMENTARY MACHINES FOR PALLETIZERS

- Layer forming devices, dressing lines for empty pallets, labelling system for full pallets, tray formers, and shuttle cars.

PALLETIZERS FOR CARTONS, CRATES & BUNDLES

- High and low level palletizers for any production speed [low volume to high volume lines].

ROBOTIC PALLETIZERS

- Palletizer/depalletizer for:
 - 3 and 5 gallons bottles,
 - mixed products [rainbow],
 - bottles and jars,
 - plastic crates and cartons
 - PET bottles and HDPE containers.

DEPALLETIZERS

- Pick and place and sweep type depalletizers for glass bottles available at low and high level.



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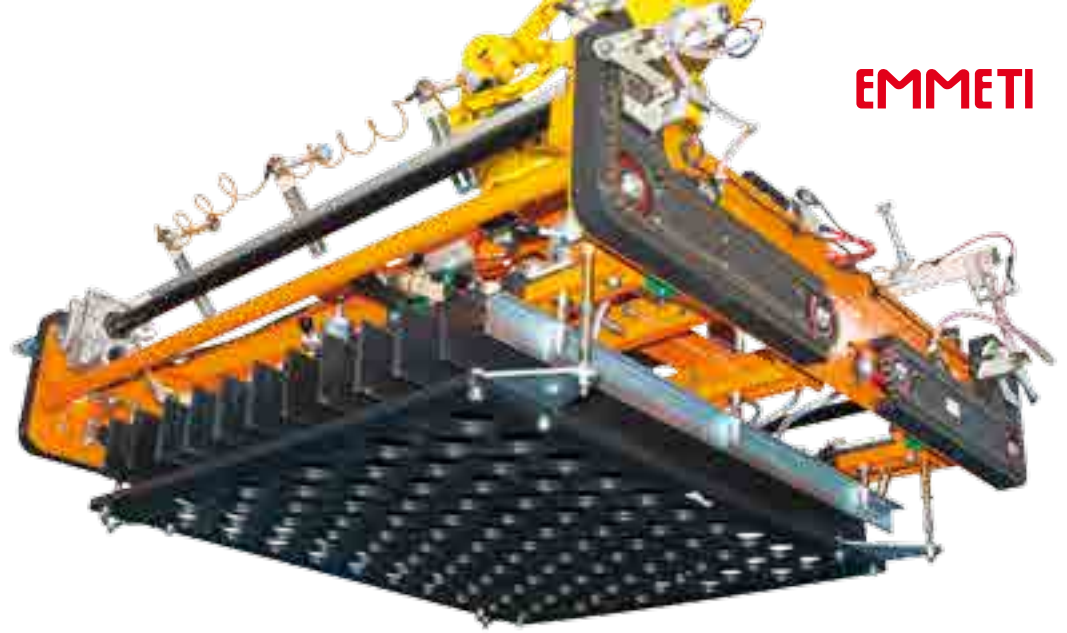
Careful attention to every detail

Care and expertise during the machine manufacturing phase leads to achieving the goals of reliability and perfection. Such qualities, in turn, lead to the building of customer loyalty and relationships that stand the test of time.



Prompt and quick assistance

The practice of keeping a good in-house stock of spare parts enables us to manage orders efficiently and provide prompt, accurate delivery to our customers, thereby reducing their machine downtime to a minimum.



Sustainability: “Development that meets the needs of the present without compromising the ability of future generations to meet their own needs”.

For Emmeti and their customers, it is a business approach that has been refined in the last years to create long-term value by taking opportunities derived from economic, environmental and social developments to effectively innovate productivity. The largest and most significant success is the result of accomplishing “long term goals”, such as the design and development of competitively priced, technologically advanced packaging lines dedicated to efficient automation that supports customer’s business practices of minimizing waste, consuming less energy, boosting recycling and reducing dependence on non-renewable resources, through innovation without compromising quality.

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Our intent is to share targets and goals with our clients, through a responsible and sustainable use of technology.



Conveying technology

Sipac can offer **complete turn-key installations** which includes software integration with equipment supplied by other vendors.

90

Employees

8.000

Square meters of
manufacturing plant

28.000.000 €

Average annual turnover



Sipac is a global leader in the design and manufacturing of automatic conveying lines for glass, PET, HDPE bottles, jars, cans, crates, cartons and bundles. Thanks to its 20 years of experience, Sipac can offer innovative solutions for glass, beverage, food and chemicals industries to meet the varying production needs of an increasing number of customers, by delivering value with its products, services and solutions in innovative and cost effective ways. Capital projects have a specific objective to produce maximum return on investment and we build value for our customers by consistently producing superior conveying lines, while maintaining responsible and sustainable manufacturing practices.



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Mission



Since we do not impose any limit to our machine output or container shapes, every new line represents another opportunity for success, with new innovative solutions that maintain the highest degree of customer satisfaction, at competitive prices. Sipac, a company constantly in movement to develop winning technological superiority, realizes this mission by setting the highest standards in service, reliability, safety and cost containment in the conveyor industry.



The importance of managing the whole production process

Specialist in designing, engineering and installing stand alone, or completely automatic lines for conveyors, elevators, lowerators, accumulation tables, bottle orientating devices and accessories for the internal handling of any product.

Sipac Conveying systems: the sky's the limit!

GLASS INDUSTRY



- Cold-end conveying lines
- Accumulation tables
- Deadplates and vibrating plates for lehr outfeed
- Merry-go-round tables
- Bottle laners
- Bottle spacers [belt - wheel - star]
- Bottle orientating devices [belt - wheel - camera]
- Cullet conveyors
- Elevators / Lowerators / "Omega" systems
- Carton / Crate conveyors
- Table-top conveyors for non-round and RT bottles
- Electrical installations for the automatic management of complete lines [Incorporating equipment from other vendors connected through an Ethernet network]

BOTTLING INDUSTRY



- Conveying lines with accessories
- Accumulation tables - F.I.F.O.
- Continuous lane dividers
- Air and suctioned conveyors
- Elevators / Lowerators / "Omega" systems with air cleaning units
- Carton / Crate conveyors
- Electrical installations for the automatic management of complete lines [Incorporating equipment from other vendors connected through an Ethernet network]

"Movement" specialists

Sipac's innovative ideas, combined with the technical capabilities of its expert personnel, propel the company toward constantly setting new goals, maximizing its specialist' knowledge and expertise in the field of material handling, in order to supply unsurpassed complete conveyor solutions.



Established in 1988, Sipac has evolved into a worldwide leading company in the manufacturing of fully automatic conveying lines. Successfully specializing in projects involving extreme complexity, due to reduced space constraints in plants as well as non-round or reverse tapered container shapes has enabled Sipac to meet today's container handling needs with tomorrow in mind. Each project is considered another challenge to test and deliver its technical expertise and creativity!

FOOD & CHEMICAL INDUSTRY



- Conveying lines with accessories
- Accumulation tables – F.I.F.O.
- Continuous lane dividers
- Air and suctioned conveyors
- Elevators / Lowerators / “Omega” systems with air cleaning units
- Carton / Crate conveyors
- Electrical installations for the automatic management of complete lines
[Incorporating equipment from other vendors connected through an Ethernet network]

PET & HDPE BOTTLE INDUSTRY



- Air conveyors
- Table-top conveying lines
- Suctioned conveyors
- Electrical installations for the automatic management of complete lines
[Incorporating equipment from other vendors connected through an Ethernet network]



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Sipac Small details for a big difference



Our experience and expertise in the handling sector applied directly from the design and engineering phase to developing, manufacturing and delivering on time products while paying attention to every customer's specific need, allows our company to provide a comprehensive and reliable services and products that exceed those of our competitors.



Sipac can offer complete “turn-key” installations; a winning synergy of resources to always propose new technical solutions during the designing, manufacturing and after-sales services

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MECTRA

Mectra designs and manufactures complete handling and packaging lines serving industries where packaging is a strategic element in the supply chain.




Mectra's international success has been achieved by utilizing the most advanced solutions for the handling of tinplate, aluminum, glass containers, cartons and bundles, while supplying complete packaging lines for the food industry, PET packaged foods, cosmetic and chemical industries.

Plants based on modular designs and integration of equipment from different vendors is often standard practice. Mectra understands the necessity for the inclusion of automatic control systems which incorporate proper interfacing processes to guarantee a smooth collaboration between the various vendors' machines on the line. The systems are equipped with self-diagnostic functions and flexible programming parameters, so that they can be applied to a single machine, or the entire line.



Palletizing, depalletizing and conveying technology

for complete packaging lines for the food industry, PET packaged foods, cosmetic and chemical industries.



Quality and productivity

Consistent research and development practices combined with impeccable company organization, carried out by an experienced and dedicated work force ensures an efficient production process able to meet the highest quality standards, while providing excellent customer service. Adherence to these strict principles enable Mectra to maintain its place as a global leader as a supplier of loaders and unloaders and automatic handling systems for a wide range of customers.

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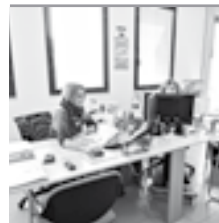
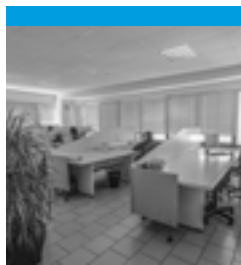
Employees

5.500

Square meters of manufacturing plant

15.000.000 €

Average annual turnover



The importance of constants in the production process

Mectra's overall attention to quality, technical knowledge and experience, careful attention to precision, strict inspections processes and final testing are all guiding principles, evident throughout the company in its systematic approach towards the construction of dependable, efficient, safe and fully factory tested machines.

To create a synergic partnership with its customers by providing innovative, efficient solutions that increase productivity, while maintaining the highest standards in customer satisfaction.

Special attention is provided from our after sales service and support teams, ensuring our customers fast and accurate responses to their requirements.

Designed specifically for your needs

Research, engineering, design, manufacturing and construction of fully automatic, tailor-made lines for the food industry, where the purpose is to guarantee maximized footprint usage, flexibility and optimization of available space, without compromising safety, and the most advanced technology is top priority.

Technically advanced engineering

Targeted, and in-depth engineering designs and developments enables Mectra to offer advanced solutions, while maintaining the highest standards, for reliable, high output machines with the capacity to maintain their performance over time.



Mectra Optimization of time and resources

FOOD /PET FOOD INDUSTRY



Mectra offers equipment and technology for complete lines.

- Complete lines for tin plate, aluminum, glass, plastic containers and pouches for the Pet Food industry.
- Complete lines for cartons, crates, pouches and bundles.

CAN MAKING INDUSTRY



Mectra's experience and capabilities play a vital role to this market segment. Mectra is a well-known global leader in the can making industry, due to its design and supply of equipment that is technologically advanced, reliable and efficient, while maintaining the highest customer service and performances, at competitive prices.

- Supplying complete lines for tin plate and aluminum cans

Palletizing, depalletizing and conveying technology for



LOADERS AND UNLOADERS



ROBOTIC SYSTEMS



PALLETIZERS AND DEPALLETIZERS



CAN AND CASE CONVEYING LINES



ELEVATORS AND LOWERATORS



PALLET CONVEYORS



AUTOMATIC SHUTTLE CARS FOR LOADERS AND UNLOADERS



AUTOMATIC FRAME APPLICATOR



AUTOMATIC SHUTTLE CARS FOR FULL AND EMPTY PALLETS

The capabilities of our company are unmatched due to our day to day commitment in respecting on time deliveries, identifying strategic objectives and in the sourcing of the best machine components on the market, allowing us to deliver progressive, well established reliable machines, transferring our success in the industry through our supply.

PHARMACEUTICAL & CHEMICAL INDUSTRY



Mectra is currently expanding into these industries while establishing its place in a new niche market, utilizing its core experiences, founding principles and expertise developed and proven throughout other markets.

- Complete lines for tin plate, aluminum, glass, plastic containers and pouches, as well as mobile case palletizers designed to meet the strict production requirements of pharmaceutical lines.

END OF LINE ADD ON EQUIPMENT

Complementary equipment to more efficiently complete production lines.

- Pallet conveyors
- Strappers
- Stretch-wrapper



Mectra Palletizing, depalletizing and conveying technology for the food, can making, chemical and many other industrial fields



In recent years, Mectra has invested in a new R&D center. Mectra strives to develop new added value solutions for its customers by studying expansion and production optimization projects, as well as designing systems capable of ensuring the best project-plant-production output ratio.





Mectra has developed a range of robotic machines capable of working side by side with the production lines in order to offer unsurpassed flexibility, in the designs and manufacturing complete packaging lines for the food industry PET packaged foods, cosmetic and chemical industries.

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Strives to utilize progressive and well established manufacturing practices while combining shared targets and goals with our clients through a responsible and sustainable use of technology, to supply the most efficient, reliable and advanced packaging equipment for the beverage industry.



Our assets at your service

Our operative headquarters is composed of a technological advanced mechanical and electronic engineering department where the products are designed and developed.

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Employees

3.200

Square meters of manufacturing plant

5.500.000 €

Average annual turnover



Logik was established in August 2004 by three shareholders with over 30 years of combined experience in the food and beverage industry. In 2007, Logik became the fourth company in the Emmeti Group of Companies, further solidifying the organization’s objective of continual growth, while forming a partnership with a market leader such as Emmeti. Adding the design and engineering expertise, coupled with the strong work ethics of these three shareholders, offered the incorporation of additional equipment for the beverage industry that would expand the overall company portfolio, while building on the advantage of Emmeti’s position in the international market.



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Mission



Since joining the Emmeti Group of Companies, Logik has been able to prove their position in the global industry with the successful design, manufacturing and delivery of machines, which

are reliable, technology advanced and competitively priced to position themselves as a global supplier in the market. Like all companies in the Emmeti Group, Logik has its own in-house engineering team, to design and manufacture packaging equipment, specifically focusing on the beverage industry. Logik supplies depalletizers, case and crate packers and unpackers, as well as case palletizers, to wineries, distilleries, breweries, glass plants, glass re-pack operations, and a host of other industries.



GLASS INDUSTRY



BOTTLING



PALLETIZERS



KANGAROO

WOLF

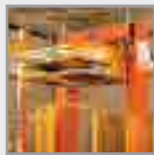
FIREFLY

TIGER

HORNET

SCORPION

DEPALLETIZERS

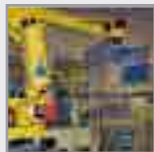


LOBSTER

TURTLE

OCTOPUS

ROBOTIC SYSTEMS



HERON

Consulting, designing and manufacturing of packaging lines.

Modifications and upgrades of existing machines.

Installation and fine tuning of new and existing machines.

Software designing of turn-key solutions.

After sales assistance.

Operator training courses.

HMI and remote control systems.

Wiring diagrams for electrical panel-board.

Wiring on-board installation.

Ladder diagrams for PLC.

User friendly interface with intuitive graphic solutions (Touch screen)

Our assistance never ends

Customers can rely on full assistance of our engineers during the entire life time of the equipment. Our service engineers are always available to either audit and maintain the equipment, through preventative maintenance programs, or provide refresher training courses at the client's facility. This method guarantees the maximum efficiency and reliability of our machines.



Logik strives to work closely with each customer, from the early project analysis through the final commissioning of its equipment, creating a partnership that is carried over to our after sales customer support team, who maintains close contact with each client for the lifetime of the machine. Logik guarantees to have all technical details analyzed by our engineers, and the solutions shared with the customer's team of engineers for their final approval, ensuring that each customer feels included in the process. The result is to provide a machine beyond customer's best expectation!

DECRATERS



EAGLE D

CRATERS / CASE PACKERS



EAGLE

PAD INSERTERS



ELEPHANT

PICK-UP HEADS



Zero time change-over The greatest waste of resources in production plants is downtime and the single greatest cause of downtime is the changeover operation from one product, or package size to another.



Our design team realizes that the plants objective is to make the job change as quickly and effortlessly as possible to increase production and maintain efficiency. This is why Logik's team of engineers is dedicated to designing and manufacturing systems that provide fully automatic change over operations, which is now available on most of our equipment! We have been working for years to design packaging machines with improved automation in combination with our continuous research in order to reduce energy consumption by using smaller motors and/or servos.



EMMETI SIPA

MEDIA

C

LOGIKA
Technology



Flexibility
Tailored solutions
Competence and reliability

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