









Innovation also plays a fundamental role in our growth OCME aims to offer cutting-edge solutions, reaching optimal achievements in terms of ecological and economic efficiency, and anticipating tomorrow's trends.

One of our main commitment is to identify today the customer's challenges of tomorrow, to provide the most optimal and avantgarde solutions.

We are recognized as being a systems manufacturer that meets the requirements of its customer, ensuring high quality, reliability and safety.

Being a company identified as a technology leader is only possible thanks to constant product's innovations and flexibility in business processes.

Since our company's birth, the Research & Development department has always been an essential component of our success.

Our work is based on area tests, prototypes launch, but also customized ideas based on our customer's request.
Customers also play a great part in our sustainable growth.
OCME supports and encourages operating practices and production systems that are sustainable: this is an integral part of OCME's supply strategy and supplier development.

Over 25 patents

TEST LAB – permanent testing area where, among the others, the following applications are realized:

Reduction of energy consumption in shrinking tunnels

Reduction in film thickness and improvement in film quality

Filling technologies with nozzles and processes studied according to the customer's products

Robotized technologies applied to palletising and depalletising

0,99 MW photovoltaic system on the roof of the plant that cover 40% of energy requirements of Parma headquarters

94% recycling rate of the waste produced inside the plant

Company car fleet with low emissions vehicles (NGV, LPG or electric)

DEPALLETISING



OCME depalletisers are known all over the world for their strength and reliability.

OCME is present in the Beverage, Food, Home and Personal care, Edible oil and Petrochemical sectors.

Our range of depalletisers includes machines with low or high level product infeed, with steady or moving pallet, with layer transfer by rotating bar or gripping head with self-centering plates.

The high level of technology applied enables the construction of traditional or robotic solutions.





ANTARES

Depalletisers with layer transfer system for cartons and crates. Our experience in handling products of different shapes and materials has allowed us to study and develop high-technology and innovative solutions to satisfy all your needs.

MAIN FEATURES

Antares L: speed up to 9 layers/minute (low level containers outfeed)

Antares H: speed up to 15 layers/minute (high level containers outfeed)



PEGASUS D

Pegasus D is the robotic evolution of the traditional depalletiser which combines flexiblity and performance typical of the industrial robots. OCME experience in this field is successfully applied for fragile and delicate containers such as glass bottles, cans, HDPE bottles, etc.



DORADO

Dorado is our depalletiser for bulk products. Depending on the chosen model, the product infeed level can be either low with steady pallet (LF) or high with moving pallet (HM).

The first phase is the pallet unwrapping cycle.

An operator platform enables the pallet to be reached easily, allowing for any necessary operation in the safest possible conditions. The layer is transferred by our gripping head, with self-centering plates (LF) or rotating bars (HM). Layer-pads, frames and top sheets are picked up by the dedicated beam or column-type devices. At last, the packs are extracted and proceed in a single row.

MAIN FEATURES

Speed from 2 up to 6 layers/minute

Optional robotized system to pick up and remove interlayer pads and inverted trays

No need to size change



FILLING FOR LUBE AND EDIBLE OIL



OCME has always been the best point of reference in weight-based filling technology, and is present in several sectors such as petro-chemicals and edible oils. The high level of technology applied enables the construction of electronic machines processing PET, HDPE, GLASS and METAL containers.

Furthermore, OCME achieved MID certification for the filling accuracy of its weight fillers Libra, ensuring the correct quantity of filled product.



LIBRA R

ROTARY WEIGHT FILLERS FOR LUBE OIL, EDIBLE OIL, HOME AND PERSONAL CARE PRODUCTS, CHEMICALS AND PHARMACEUTICALS.

Libra is our rotary weight filler ensuring high performance and efficiency.

This is a body-handling machine designed to handle many types of containers and satisfying the various market requests. Neck-handling version for PET bottles is also available. Libra ensures the highest filling accuracy thanks to its highly advanced electronics based on algorithms developed for 20 years of application.

The machine control and supervisor PC allows for monitor weighing statistics and data logging for each container. This ensures maximum control of production batches.

MAIN FEATURES

Up to 40.000 bph with 1 lt containers

Weighing system

High precision in filling

Rapid size change

Low maintenance costs

Containers from 0,2 to 20 lt

MID certification for the filling accuracy

LIBRA LT

For in-line fillers, OCME offers the Libra LT300 weight filler, designed for filling 200L drums.

OCME applies a CPFP (Control Pressure Fine Phase) patented filling system, ensuring high filling accuracy on large containers. The CPFP system is not affected by changes in supply pressure and increases production speed by 10%.

MAIN FEATURES

The Libra LT300 model reaches a speed of 150 drums/hour

Electronic weight filling system

Not affected by air bubbles in the product

Warning concerning containers found outside the weight range

High filling accuracy



SECONDARY PACKAGING / SHRINK WRAP PACKER

OCME's solutions are in continuous evolution and allow more flexibility thanks to higher performance standards.

Since 80', OCME developed a wide range of shrink wrapping solutions to meet the needs of our customers in sectors such as beverage, food, petrochemicals, edible oil, home and personal care.





VEGA

SHRINK-WRAP PACKERS FOR LOOSE CONTAINERS AND PACKS.

Vega HT is the solution to the problem of handling thinner film and lighter bottles whilst ensuring total adaptability to different packaging format, reduced changeover times and reduced energy consumption.

The electronic selection of the product, film cutting and welding are patented by OCME. The handle applicator integrated with the shrink wrappers, consist of two units. Storage outside the machine to facilitate the exchange of reels (tape and cardboard) and a handle application system integrated integrated in the machine.

OCME focuses on high efficiency installations with high productivity, destined to various product sectors such as beverage, edible oil, lube oil, food and home and personal care products.

MAIN FEATURES

Production speeds from 30 to 150 cycles/min

Versions available for film only, flat pad and film, tray and film

Single, double or triple track versions

Energy saving kit for the shrinking tunnel

Handle applicator integrated before shrink wrapping module

Gas shrink tunnel

/COMBINED SHRINK
AND WRAP AROUND PACKER

GEMINI

COMBINED WRAP-AROUND CARTONER AND SHRINK-WRAP PACKER FOR LOOSE CONTAINERS AND PACKS

Gemini HT is OCME's combined machine designed to process both wrap-around cartons and trays, with or without film. Gemini HT combines all the advantages of Altair wrap-around packers and Vega shrink-wrap packers.



SECONDARY PACKAGING / WRAP AROUND PACKER

OCME's first wraparound case packer model came out in 1964 and was installed years ahead of rival solutions. Since then, OCME has followed a programme of continual development and improvement which has led to the Altair range we have today.





ALTAIR

WRAP-AROUND PACKER FOR LOOSE CONTAINERS AND PACKS.

The Altair is synonymous with wrap-around technology and OCME machines are known to be among the most reliable, efficient and productive in the world. This is a source of pride for OCME and also acts as a motivation to maintain an exceptional level of quality throughout the life of the equipment. The operation of the OCME system ensures the carton is forced against the product, resulting in an extremely tight, compact package without the possibility of movement of the containers in its interior. In the ALTAIR, the position of the blank and the containers is controlled electronically, ensuring they run at exactly the same speed. In addition to producing carton cases, OCME's whole range of

In addition to producing carton cases, OCME's whole range of wrap-around packers offer the possibility to process trays. The complete series proposes as well the possibility to insert partitions (pre-formed or traditional).

MAIN FEATURES

Altair X for speed up to 30 cartons/minute,

Altair N for average speed of 40, 50 and 60 cartons/minute

Altair Advance series for speed up to 70 and 80 cartons/minute

Very compact carton

Excellent accessibility for operators and maintenance staff

Automatic partitions insertion available

Nested pack

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MAIN FEATURES

Production speeds from 30 to 80 cycles/min

Very compact carton

Excellent accessibility for operators and maintenance staff

Automatic partitions insertion available

Energy saving kit for the shrinking tunnel



PALLETISING / TRADITIONAL

OCME has always been a point of reference in palletising sector, now is present with its products in several sectors such as beverage, tissue, food, petrochemicals, home and personal care, edible oil. The range of OCME palletisers includes machines with low or high level product infeed, either in-line or at 90 degrees, equipped with customised row or layer gripping heads, according to the product to be handled.













ORION

IN-LINE PALLETISER FOR BUNDLES, MULTIPACKS, CASES, TRAYS, CRATES, ETC.

In-line palletiser with low or high level infeed with moving or steady pallet.

Once the layer has been formed by the Mizar forming unit, the product will be transferred towards the machine and placed onto the pallet, with the possibility to insert flat pads. The Orion Z model is derived from the N model but includes the integrated layer pushing system.

The range is completed by the Orion Advance model, a low level infeed palletiser with double sliding table ensuring high performance with reduced dimensions.

MAIN FEATURES

Orion HM-N with speed up to 600 layers/hour (high level product infeed and moving pallet)

Orion N with speed up to 300 layers/hour (low level product infeed and steady pallet)

Orion Z with speed up to 240 layers/hour (low level product infeed and steady pallet)

Orion Advance with speed up to 570 layers/hour (low level infeed and double sliding table)



PERSEUS

90° infeed palletiser for bundles, multipacks, cases, trays, crates, etc.

90° infeed palletiser with low or high level infeed with moving or steady pallet.

The range is completed by the Perseus F model, specificly designed to process 60 L and 200 L drums.

MAIN FEATURES

Perseus H with speed up to 510 layers/hour (high level product infeed and moving pallet)

Perseus L with speed up to 300 layers/hour (low level product infeed and steady pallet)

Perseus Z with speed up to 150 layers/hour (simplified version; low level product infeed and steady pallet)

Perseus F with speed up to 480 drums/hour (version for drums; low level infeed and steady pallet)



PALLETISING / ROBOTISED

The performances vary, depending on the model chosen, from 90 layers / hour up to 630 layers / hour. Cartesian or robotized layer forming devices, complete the range of palletisers proposed by OCME. To complete the offer OCME has developed Program Maker, the software allowing the operator to create and/or modify autonomously new palletising programs





PEGASUS

ROBOTIC PALLETISER FOR BUNDLES, MULTIPACKS, CASES, TRAYS, CRATES, ETC.

The configuration of the robotic island is customizable according to the type of container to be processed and depending on the line speed. Pegasus machines are divided into two families, depending on the gripping head chosen: row picking and layer picking robot.

OCME gripping heads are motorized or pneumatic, equipped with plates without layer lower support (OCME patent) or are jalousie grippers.

MAIN FEATURES

Production speed up to:

10,5 layers/minute (layer gripper)

11 cycles/minute (row gripper)

Gripper suitable also for interlayer pads and pallets (option)

Automatic centering of both interlayers pads and pallets

Works also with half pallets

Gripping unit for loose bottles available



MIZAR

LAYER FORMING SYSTEM FOR BUNDLES, MULTIPACKS, CASES, TRAYS, CRATES, ETC.

Mizar is our layer forming system: flexible and extremely precise, this device answers to the need of handling any type of package, even the most delicate.

The manipulators are available in two variants: Cartesian or robotic. Both versions use gripping heads operated by brushless motor, ensuring maximum precision and optimum control of clamping force.

MAIN FEATURES

Delicate manipulation even at high speed (positive movements)

Manipulation of fragile products (avoiding any shocks)

No need to size change for a wide variety of formats

Production speed up to 650 layers/hour



STRETCH WRAPPERS

In its solutions OCME integrates ROBOPAC, market leader with its wide range of wrapping machines equipped with the highest technologies such as CUBE TECHNOLOGYTM, NIP & TUCK, ... with the aim of reduce the TCO (Total Cost of Ownership) and increase the stabilization of the palletized loads.











DELIVER EXACTLY THE RIGHT AMOUNT OF FILM AT EXACTLY THE RIGHT POSITION WITH EXACTLY THE RIGHT CONTAINMENT FORCE.

- / Reduces film cost by 30% to 55%
- / Improves load containment
- / Reduces product damage by 40%



GENESIS

ROTATING RING STRETCH WRAPPING MACHINES

Rotating ring stretch wrapping machines that operates without sliding electrical contacts, ensuring safety, reducing the overall weight and balancing rotating masses. All this, as well as ensuring reduced investment costs and, consequently, high levels of competitiveness, allows: low electric consumption; reduced maintenance; great reliability and durability. The modularity of the structural components and function units permit ample flexibility and versatility expressed with traditional pallet models and models for large-sized pallets.

HELIX

ROTATING ARM STRETCH WRAPPING MACHINES

Thanks to the rotating arm technology, film deposit and load stabilization occur on fixed pallet hence eliminating any load falling risk regardless the arm rotation speed. The machines of the Helix series represent the ideal solution for wrapping light, easily deformable, unstable loads and find vast application in the most various market segment fields. The modularity of the units that compose them allows an ample versatility of use even when large dimensioned loads are present.

ROTOPLAT

ROTATING TABLE STRETCH WRAPPERS FOR LOAD STABILIZATION

Distinctive feature is the constructive solution with high load capacity to ensure high operating reliability and working life in the most wearing use conditions.



Multi-level variable pre-stretch

- / Ensures best film economy for all loads
- / Ensures best film economy for all films
- / Ensures highest containment level attainable for all films
- / Delivers 30% to 55% film savings



Multi-level variable containment force

- / Delivers the optimal containment force at each level
- / Enables the delivery of the highest pre-stretch at all levels



Strategic film placement

- / Scientific approach to ultimate load containment
- / Place film precisely where it has the most impact on load containment



Proactive corner compensation

- / Reduces product damage on corners
- / Improves containment on flat sides of loads
- / Enables higher containment levels on each revolution

INTRALOGISTICS

For the internal logistics of your plant, OCME is not only an automated guided vehicles provider, but able to supply a complete logistic system.

We achieve the correct sizing of the system thanks to advanced simulation software and management of the whole system in real time with the Traffic Manager and Supervisor software which are always connected to the devices of the entire structure (PC, Plc, Database, Erp) and dedicated to tracking and memorising all data.













AURIGA

LASER GUIDED VEHICLES AND INTEGRATED TECHNOLOGY FOR WAREHOUSE AUTOMATION AND INTERNAL LOGISTICS.

Ocme has long been developing handling and internal logistics solutions integrating end-of-line machines with transport and shuttles on rails and, since 2003, introduced LGV (laser guided automatic vehicles) managed by advanced software applications dedicated to handling pallet loads.

LGV vehicles carry out with precision and flexibility the same tasks assigned to forklift operators. These vehicles are free to move at high speeds as they are not bound to fixed ground structures and any change to the route can be done via software.

MAIN FEATURES

Speed up to 1700 mm/sec

Security: 360 ° of coverage

High position accuracy +/- 5 mm

A complete range:

- Counterbalance LGV Auriga CT
- Stabilizer Vehicle Auriga Z
- Vehicle with on board conveyor Auriga C
- Powered stacker Auriga PS











IN THE WORLD OF TURNKEY SYSTEM SUPPLIERS, OCME CAN OFFER A WIDE RANGE OF SERVICES: FROM FEASIBILITY ANALYSIS, SITE SURVEYS AND TECHNICAL SPECIFICATIONS, UP TO LINE AUTOMATION, PROJECT MANAGEMENT AND SITE MANAGEMENT.

The results of this choice allow a considerable saving in terms of time and costs for the customer's engineers, who will no longer need to deal with several suppliers. Given the increasing customization of solutions, the need to speed up response time and maintain high quality standards, the OCME Project Management team has become the key to the success of a project.

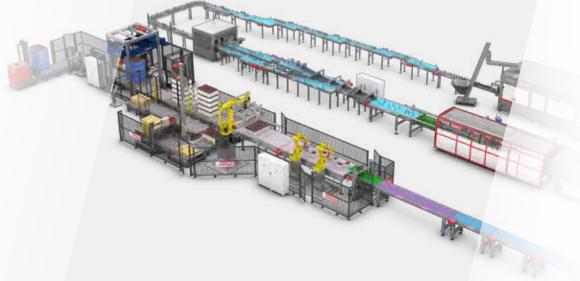
Successful projects are achieved through the precise communication between the client and the supplier. For this reason, OCME's team of project managers begin their activities with the initial study and are involved through to the delivery and final

The high efficiency of individual parts, optimized and synchronized, and the absence of accumulation of product on the line, allows the elimination of the overspeed between modules, typical of traditional systems; the results of this choice allow a reduction in maintenance, noise levels and downtime.

The complete control of the product management, both for single bottles and packs, reduces the problems with pressure and allows everything to run smoothly as a unique machine, modulating the speed according to the real production needs.

Line and machine status visualization

Historical data collection and advanced trending



BEVERAGE

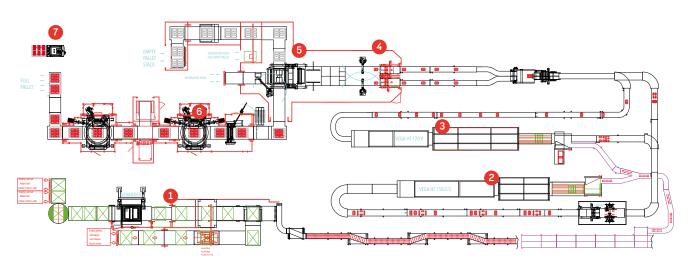


The OCME plant experience in the beverage sector is clearly attested in the supply of end of line and high-tech applications for soft drinks, beer, spirits, etc. OCME's Engineering team will develop with you, the perfect solution, thanks to years of experience in plant engineering, expert knowledge and creativity.

This is our main aim: to create a tailor made solution that perfectly matches the available space, the accessibility for operators and raw materials, the analysis of product accumulation, the savings in terms of energy, the safety of the system and its efficiency.

Combining the power of shrinkwrappers and packers to the wide range of OCME palletisers, we create cutting-edge engineering solutions that offer production flexibility, format change automation, line ergonomics, TCO.

Example of a high speed canning line



1. Dorado HM high level depalletiser
2. Vega HT 150/2/3 shrink-wrap packer for film only packs
3. Vega HT 120/V shrink-wrap packer for film & tray packs
4. Mizar layer forming system through robotised manipulators
5. Orion L in-line low level palletiser
6. Pallet stretch-wrapper
7. Laser guided vehicle Auriga

EDIBLE AND LUBE OIL

RANGE OF MACHINES AVAILABLE

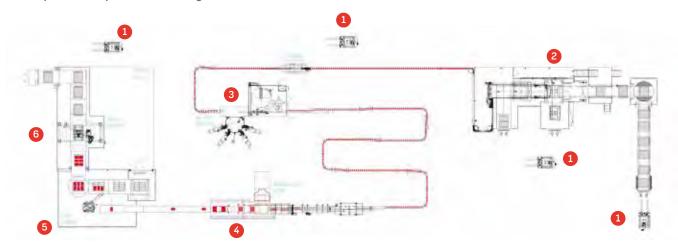
Thanks to our experience in this sector, OCME solutions for customized edible and lube oil lines play a leading role in terms of capability to handle various types of containers, including the lightweight bottles. A strict co-operation with the biggest worldwide customer, who has a highly demanding technical profile, has lead OCME to develop tailor made solutions for glass, hdpe and pet containers.

Our Turnkey solutions can include traditional depalletizer for glass or very compact solution with block blowmoulding-filling for pet bottles. All OCME solutions can be integrated with third parties machines whenever necessary, and can even cover logistic warehouse needs thanks to our LGV Auriga series. OCME provides system solutions for complete filling and packaging lines for lube oils, handling all types of containers:

bottles, cans, drums, buckets, jerrycans. Solutions that interface also reliably with the part of the process of preparation / product feed and with the WMS.

Edible Oil filling lines have some specific requirements that therefore require individual solutions. In recent years, OCME has supplied complete Turnkey lines for glass and PET to large group, demonstrating the quality of OCME engineering.

Example of a complete lube oil filling line for 1 to 5 lt HDPE bottles



- 1. Laser guided vehicle Auriga
- 2. Dorado HM high level depalletiser
- 3. Libra R5 rotary electronic weight filler
- 4. Altair wrap-around packer
- 5. Pegasus robot palletiser with row gripper
- 6. Pallet stretch-wrapper



TISSUE



RANGE OF MACHINES AVAILABLE



OCME ventured into the Tissue sector in the 80's originally with traditional palletisers; and later on, the introduction of robots in the world of "end of line", changed our approach in this field.

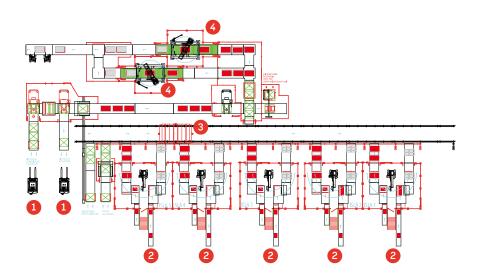
Tissue

For the tissue production industry, OCME proposes integrated automation systems for the end-of-line that manage tissue products with optimal care.

The specific handling characteristics of the products during conveying and palletising, the great variety of the same, the production speed, traceability: all aspects on which OCME has developed a great expertise in collaboration with large

multinationals. In particular, the OCME robot palletising systems (with gripping heads for single rows and complete layers) are particularly suitable to treat delicate products such as tissue. Modular systems allow us to design flexible layouts according to the customer's needs and any space restrictions.

Our long time experience added to our very reliable machines show that we can easily work with all scenarios and the fastest and most modern reel rewinders.



- 1. Laser guided vehicle Auriga
- 2. Palletising island with Pegasus row gripper robot palletiser
- 3. Shuttle on rails
- 4. Pallet stretch-wrapper



FOOD AND OTHER





Thanks to highly customized solutions, OCME has developed packaging lines for the biggest multinational brands, managing all the technical challenges including very specific containers, caps and labels.

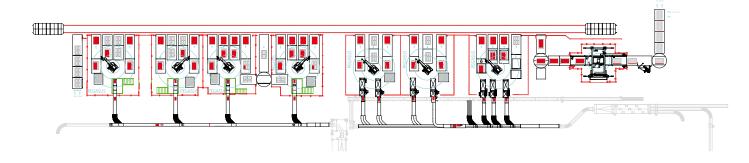
Food and other sectors

We are able to operate in different fields in terms of secondary packing, handling and palletising. Our machine range goes from wraparound, shrink-wrapping machines up to traditional or robot palletizing systems often connected by our handling systems. It is important to also underline, as a key success factor, OCME's capability to integrate third party machines and the wide range of OCME machines which also cover warehouse logistics needs and the LGV Auriga vehicles.

Home and personal Care

The relevant technical background, allows OCME to propose Turnkey solutions for packaging lines of viscous liquids, including detergents (home and personal care), pharmaceutical and chemical applications.

Example of robot palletising island installed in battery





CUSTOMER CARE



With OCME's service solutions, you invest in long term performance. OCME provides a wide range of services, focused on assisting and supporting you after the purchase of your machine.

There are different activities we can provide, on-site or remote technical support thanks to the use of high technology tools. Support with spare parts supply, upgrade installation, service contract and more.

Our services are all designed with the aim of satisfying our customers' needs and build a long-lasting relationship based on mutual trust and cooperation.

Responsiveness, proactivity and proximity are some of the values in which we believe, the main principles we follow to fulfill our mission and help you reach your goals.

On-Site Support

OCME is present worldwide with a widespread network of technicians Not only will they keep your machine working, but they will ensure its optimum functioning, to maintain and increase your line's productivity.

On-site support includes different activities, such as diagnostic visit and report, audits, programmed maintenance, overhauls, upgrades installation and emergency intervention to fix problems. Through a precise analysis of your machine, our on-site technician can also recommend the best upgrade or service to fit your production.

As soon as we receive a request from a customer, we select the most appropriate technician according to the machine family and the activity to be done on site.

Advanced IT Solutions

In OCME there is a series of smart systems and services at your disposal, involving a cooperation between customers and OCME technicians. Our 24/7 call service and wearable devices will give you the opportunity to talk directly to OCME senior engineers, available at OCME headquarters, in case of any critical matters arising during production (service granted upon payment). One of our new IT solutions is "app My OCME".

This new app will enable you to benefit from OCME services in a fast and revolutionary way by simply using a smartphone.

The app will allow you to open Emergency Tickets related to the machines covered under the contract by means of an interactive channel, that will further enhance communication with our Engineers and Remote Assistance Service.

My OCME' allows us not only to digitize some existing procedures, but also to include some new functionalities, such as: Direct and enhance the information about OCME services toward our Customers, speed up the requests for technical support in case of issues on our equipment, provide any useful information about the services included in the "Service Contract" (SLA, list of the machines, tickets mangement, etc.).







Upgrades and Spare Parts

As an original machine manufacturer, we know exactly what your production line needs to give constant optimal results. Our skilled engineers analyse and test any part before ontime delivery. Once a request is received from our customer, a study of feasibility based on the machine is opened accordingly. The technical department develop this request and proposes the best solution, using newest materials and technologies.

Training

OCME offers consultancy programs aimed at conveying and sharing our expertise and technical knowledge. In this way you can get the most from your equipment, run production in a safe way and optimize machine performance in the long term. We are at your disposal to develop a training program that meets your specific requirements.

Each training program can be customized according to your needs. The course aims at training your staff on how to intervene to ensure the proper functioning of the machine, taking into account the production's efficiency parameters as well as the respect of safety procedures. This coaching phase helps to maintain the efficiency and high productivity level of your equipment. These programs will allow your staff to solve problems in an autonomous way, improving your results and reaching your company's success goals.

Service Contract

The service contract is another great key to your serenity! Rely on our expertise to anticipate any eventual problem, but also on our responsiveness for a maximum assistance support. The services offered are strategically designed to add value to our customer's machines and systems over the years (based on cost-efficiency and long-term performance), and to maintain a relationship of trust and collaboration with the customer, preventing any causes of failure and promptly resolving any problems that arises. The Service Contract is modular and flexible in order to meet your specific needs.



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