



## LIFTING DEVICES

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# ABOUT US

*our history*

*40 years of  
experience at  
your service*

The history of Mazza Sollevamenti began in 1974 with Ercole Mazza who together with his sons Luciano and Giorgio founded Mazza Brothers. The company, which had Headquarters in Cassano Magnano, took care of mounting and maintenance of lifting equipment on behalf of leading manufacturers of hoists (Demag, Donati etc.). In 1979, with the entry of the third son, Sergio, and later his cousin Cesare Esbi, the company begins to grow and, in addition

to working with many other companies, began to design and produce lifting and plants on their own. In the eighties, with the transfer of the headquarters to the current, San Macario in Samarate, the company becomes Mazza Lifting Ltd and expands its after-sales service to customers. Since then the company expanded and, to date, the production is carried out on an area of about 2000 square meters of internal plant and as many of external area.



More than 80% of the market of Mazza Lifting LTD is concentrated in the north of Italy, but the company is able, with their teams and equipment, operate in the rest of Italy and abroad.

Since 2004, the Mazza Lifting S.r.l. is certified ISO 9001-2008, with the Verification Inspection Service After Sales and Maintenance of lifting equipment. For over 40 years we are one of the leading companies

in the field of the construction and maintenance of lifting, boasting a department of service made of qualified personnel and equipment that provide early intervention and adequate to the requirements.

We design, manufacture, sell cranes, special cranes, hoists, monorails, jib cranes, plant suspended under hook and equipment of various kinds.



# #4

# PRODUCTION

## *Bridge cranes*

The bridge crane is a machine designed for lifting and handling of materials and goods, both outdoors and indoors. The movements are typically: the longitudinal axis of the bridge, cross movement of the trolley, lifting and lowering of the load carried by a winch or hoist.

### SINGLE GIRDER BRIDGE CRANES

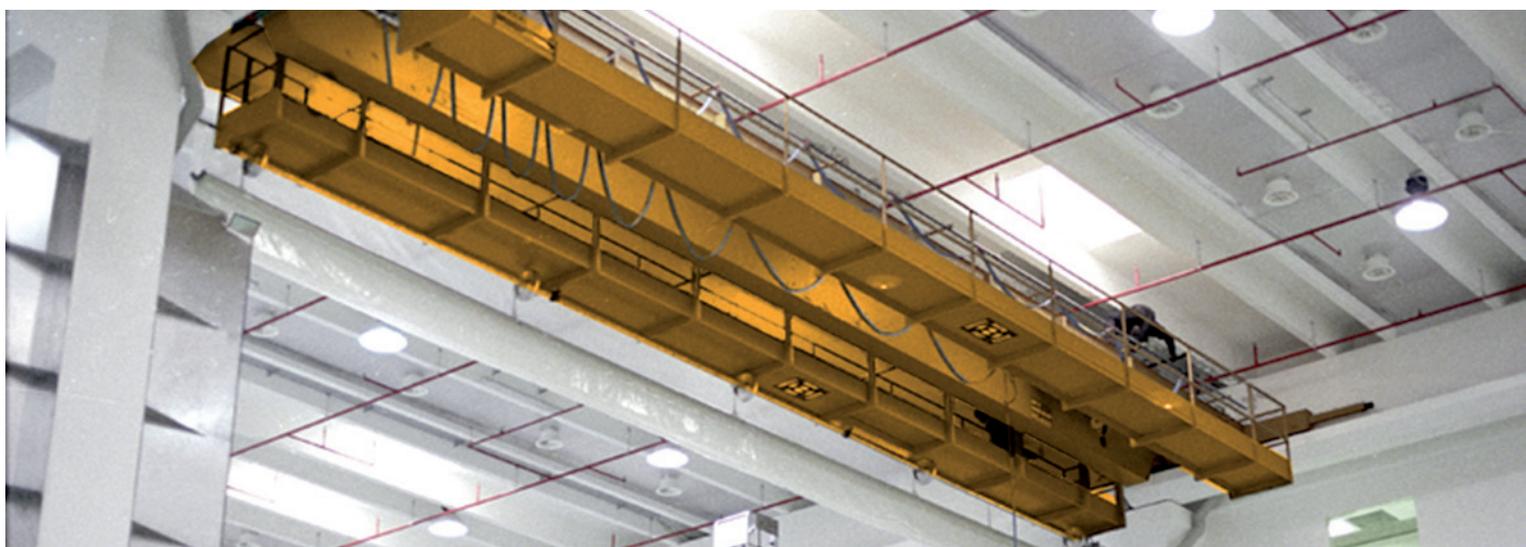
The single girder bridge crane is composed of a supporting structure, made of laminated beam or composed in welded casing according to the capacity and the gauge required. is indicated for reduced light weights and reduced maneuvering dimension.



*Single-girder bridge crane with laminated structure.*

### DOUBLE-GIRDER BRIDGE CRANES

The double-girder bridge crane consists of two supporting structures which allow high flow rates, large gauges and maximum exploitation of the hook run. Can be equipped with sideways for maintenance.



*Double-girder bridge crane with welded casing and maintenance sideways.*

#5



ON ALL MODELS OF CRANES CAN BE INSTALLED VARIOUS TYPES OF ELECTRIC CHAIN HOISTS OR CABLE WINCHES



Double girder overhead traveling crane with digital weighing system.



Single girder overhead crane with double hoist.



Double girder overhead traveling crane with rotating platform.



Double girder overhead traveling crane with hydraulic bucket.

# #6

# PRODUCTION

## *Automatic warehouses and systems*

These systems allow the movement of goods to be placed in defined spaces (stores, warehouses). The areas of application range from dairy to manufacturing, the metallurgical sector to energy production, from textiles to logistics. Can operate 24 hours a 24 without the presence of personnel.

### REMOTE CONTROL

Monitoring via PC with control and management from a remote station. In the picture a cogeneration plant for the production of electricity and hot water in La Thuile.



*Double girder overhead traveling crane with winch and hydraulic bucket for handling wood chips.*

### FULL AUTONOMY

System with continuous loop 24 hours on 24. In the picture a plant at a dairy industry in Mantua.



*Double-girder bridge crane with hoist belt for handling stacks of cheese in brine.*

# #7

# PRODUCTION

## *Plants and suspended monorails*

These types of systems are the more dynamic ones, adaptive and flexible for handling not excessive loads between different workstations. Thanks to the modularity of the elements that compose those allow (with straight and curved profiles) to cover entire areas of production or individual workstations.

### SUSPENDED PLANTS

Often represent the best solution for handling light loads up to 1 ton. These plants, constituted by profiled duct, create islands of work completely autonomous according to the lifting and can be fixed to the structure of the shed or on structures specially made of steel.



*Suspended plant with single beam.*

### MONORAILS

Compared to bridge crane, the monorail does not have the movement of longitudinal translation, the carrier beam can take various forms: rectilinear, with curved sections or closed loop.



*Closed loop monorail.*



*Rectilinear monorail.*

# #8

# PRODUCTION

## *Jib cranes*

Are used to serve one or more workstation and to ensure prompt handling of loads. The cranes can be wall or column. There are different types of jib cranes, cantilever, in duct, with motorized arm, electric, 360° rotation and flexible.

The crane wall can be fixed on a supporting pillar in concrete of the shed, via mounting brackets. The rotation of the arm can be manual or electric, with a maximum load of 2 tons and a rotation angle of 270°. It is possible to demarcate the operational area with the application of electric limit switches or mechanical stops.



*Wall mounted jib crane.*

The jib crane can be fixed by bolts inserted in plinth or chemical anchors. The rotation of the arm can be manual or electric, with capacities up to 2 tons and maximum angle of rotation of 300°. It is possible to demarcate the operational area with the application of electric limit switches or mechanical stops.

The crane with electric rotation 360°, represents the ideal solution when the magnitude of the load and the length of the arm become important. Floor mounting must be done by the foundation plinth of concrete with anchor bolts. You can reach capacities of 20 tons and with radii of 15 meters.



*Crane column in cantilevered beam.*



*Crane electric rotation 360° turntable rotation.*

# #9

# PRODUCTION

## *Gantry cranes*

Consist of a main structure made with supporting beams profiled coupled, by means of a vertical support structure, to the headers with motorized slide along rails placed on the ground. Is applied to a radar system to prevent collision with persons or objects while operating.



*Gantry crane with roof protection trolley / hoist.*

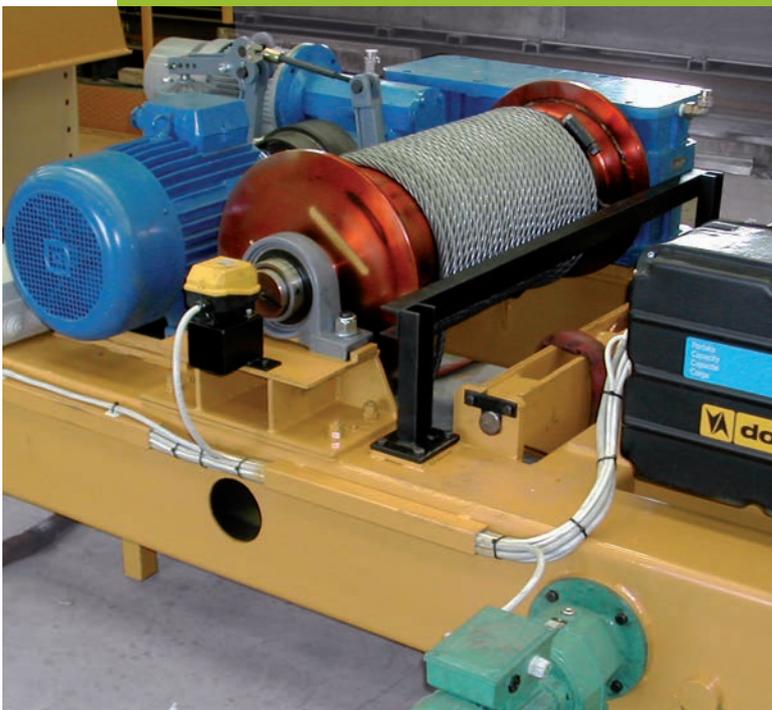


*Gantry crane with cover and walkway*

# PRODUCTION

## *Winches, custom hoists and slings*

The winches are designed with multiple cross lines or with nylon stripes, to work with heavy loads or particular working environment.



*Trolley with hoist winch.*



*Winch with polyester stripes for food production*

# #10 PRODUCTION

## *Pantograph platforms*

The pantograph platforms are used in production or assembly lines and due to its quality and safety mechanics, increase the working environment of production personnel. Are available in different sizes and capacity.

Pantograph platform with rollers.



Pantograph platform with plain surface.



## *Platforms for alimentary use*



"U" shaped pantograph platform, stainless steel.



Rectangular shaped pantograph platform, stainless steel.

# #11

# PRODUCTION

## *Under hook lifting tools and trolleys*

The lifting tools are various shaped, designed to be hooked under standard lifting machineries (bridge cranes, jib cranes) for the safe lifting of non standard loads. We also design and produce custom made trolleys and manuals, for movement of products and machineries.

### UNDER HOOK LIFTING TOOLS



*Five point link lifting tool.*



*Pantograph lifting tool.*



*More example of custom-made lifting tools.*

### TROLLEYS



*Semi-automated trolley with electric maneuvering.*



*Manual trolley with precision trimming.*

# #12 SERVICES

## *For custom needs*

Over the years the Mazza Sollevamenti LTD is equipped to provide its customers a set of services on the lifting



### DESIGN

Our technical department employs highly skilled engineers in sizing, design and development of lifting equipment and metal structures, with the possibility of drawing up the documents required for each type of system, manual and automatic, requested by the customer. We can produce calculation reports and manuals for the equipment and existing structures.

### INSPECTION AND PERIODIC CHECKS

The service Inspection and Testing is regulated by specific contracts on customer needs, provides for measures quarterly/half-yearly/annual:

- Inspection and testing of ropes / chains (quarterly);
- General inspection and audit of the major mechanical, electrical and safety elements (half-yearly / yearly).

This service is designed to check the condition of safety equipment, reporting any situations of malfunction, the possible fault and reduction of basic safety. The service is carried out by teams of two versatile technicians, professionally trained.

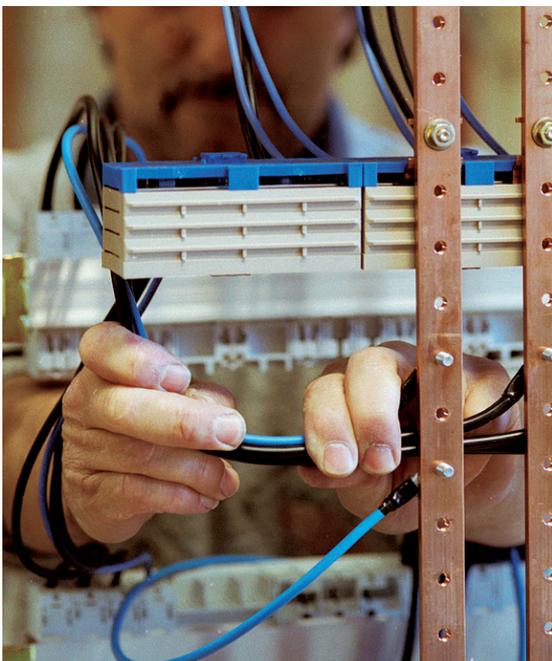


### REGULATORY ADAPTATION

Our technical department can support any request about the practices of denunciation to the authorities (INAIL / ASL), mandatory for systems greater than 0.2 tons. Our staff is also able to submit proposals for the regulatory compliance of old systems and related technical documentation.

### REPAIR FAULT

In case of failure, an early intervention team will ensure the immediate repair of mechanical failures, electrical and electronic equipment. The project will be carried out in complete safety with the most modern equipment and facilities by highly skilled personnel.

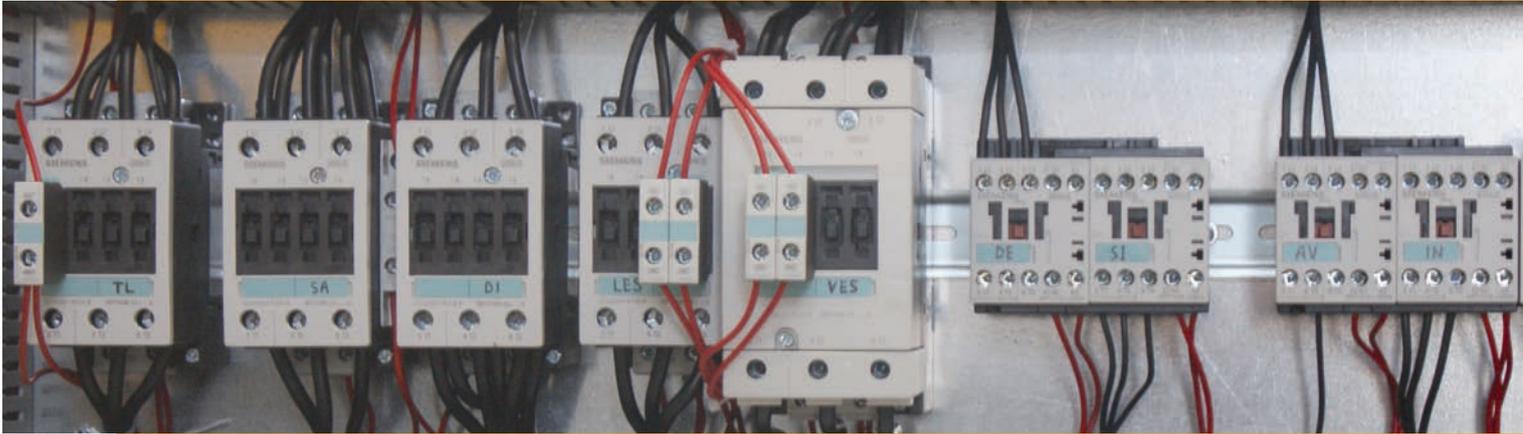


# #13



## ORDINARY AND EXTRAORDINARY MAINTENANCE

Based on the data emerging from the inspections and verifications may be required routine maintenance, tending to bring the plant under optimum conditions of operation and safety. It can also be carried out extraordinary maintenance, required for structural or functional changes and modernization, aimed at improving the quality and efficiency of your lifting and handling system. These interventions include: increase / decrease flow and gauge, installation of push-button radio controlled, weighing systems.



## QUICK SERVICE

**Timeliness** of interventions from 2 to 4 hours of the request.

**Experience** thanks to 40 years of work in the field.

**Efficiency and professionalism** with 6 teams and multipurpose standalone operators.

**Security and autonomy** of our staff with their equipment (aerial work platforms and tested tools).



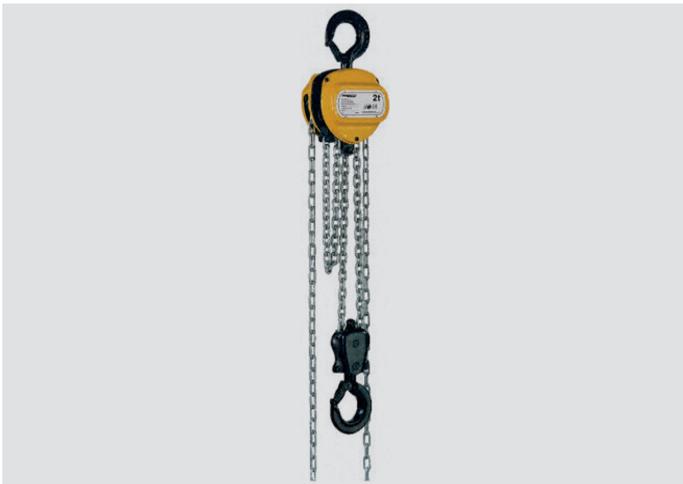
## WELDING, ASSEMBLY AND MOUNTING

Our workshop, in addition to producing lifting equipment is capable of performing any type of welding on a variety of materials and assemble and overhaul industrial machinery of all kinds. we are also able to carry out assemblies and fittings, also on behalf of third parties, carpentry structures and complex systems and machines.

# #14 SALE

## *Hoists, spare parts and accessories*

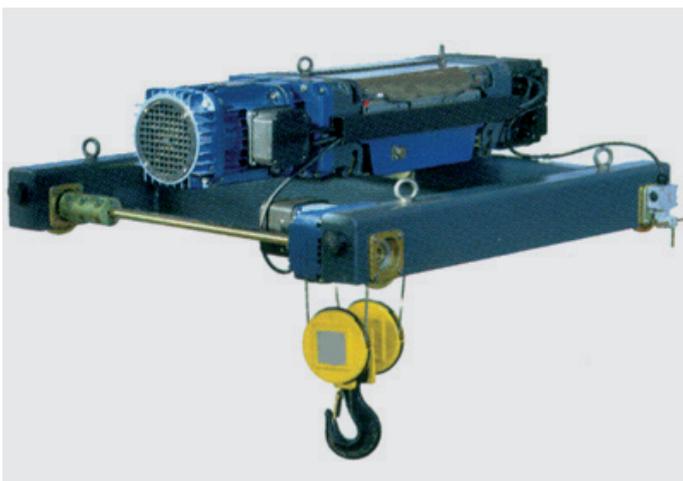
We can offer every type and brand of hoists and hook accessories. Besides being able to offer parts of their lifting equipment in collaboration with the various manufacturers, allows us to provide original spare parts and provide special discontinued in short time.



*Manual chain hoist.*



*Electric chain hoist with push trolley.*



*Electric wire rope hoist with double rail.*



*Spare parts of rods, hooks, eye bolts, shackle.*

# #15



CRANE SCALES, WEIGHING SYSTEMS WITH DISPLAY, REMOTE CONTROLS, INVERTERS, PLCS, BORDERS, TENSIONING CHAIN / ROPE, PLIERS FOR GRIPPING, SUCTION CUPS, MAGNETS, LOAD LIMITERS.

Brands:

Donati, Demag, Kito, Misa, SWF, Stahl, Columbus, By Carpel, Cariboni, Wampfler, Ravasi, Siemens, FAS and more



Electric spare parts.



Weighing systems.



Remote control.

# #16 PERSONNEL TRAINING

## *Our classes*

We organize training courses for the staff to use the equipment and lifting accessories in accordance with the provisions arising local safety laws (e.g. Dlgs 81/2008 for Italy). The courses can be held at our facility or at the customer's plant.



The courses are divided into a theoretical part and a practical part with a final test of learning and emission of certificate of participation.

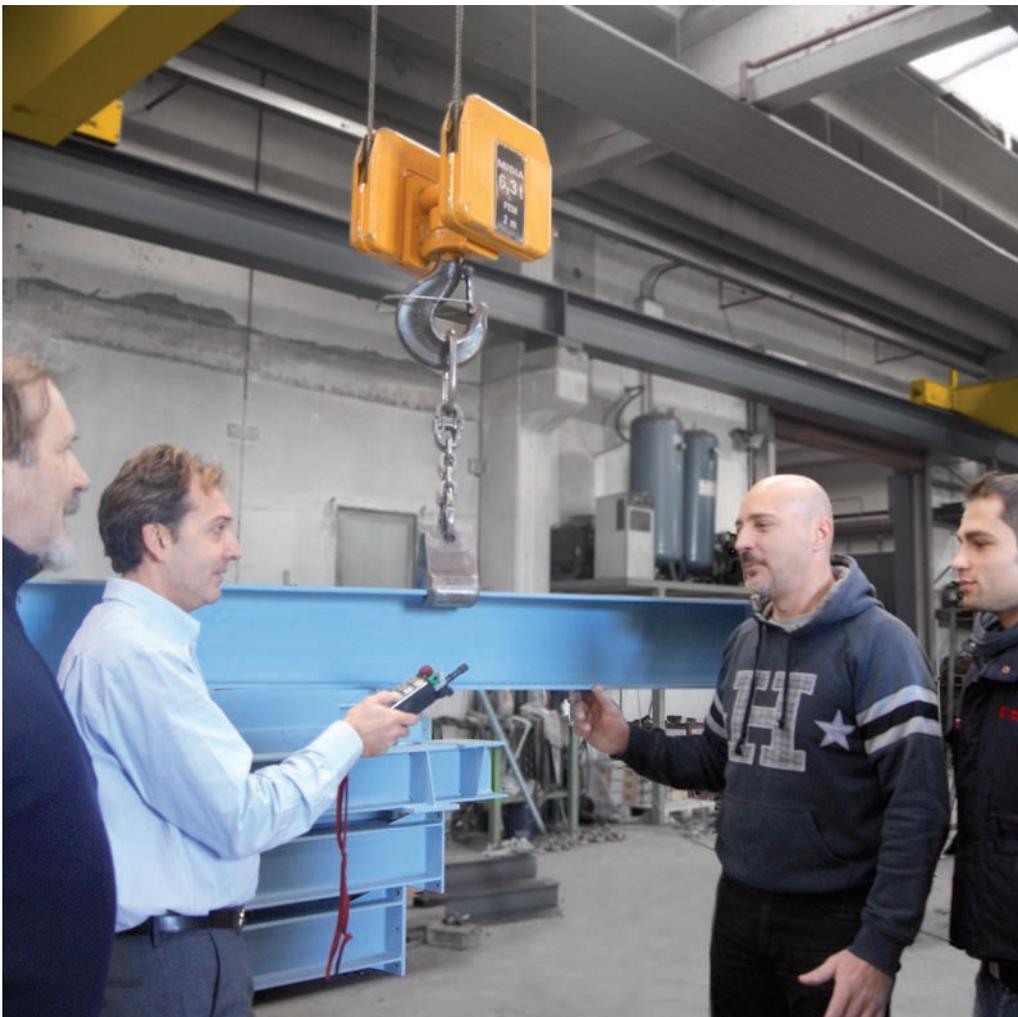
We also do training for the proper use of all systems under hook: sling, tie rods, clamps etc.

## **THEORY**

The theoretical part of the course is held in a special classroom with audio video support. Paper documentation is provided to each participant.

## **PRACTICE**

In the production department of our plants in Samarate is carried out part of the course for practice tests with our specialists, which help the students to correctly use lifting equipment and related underhook tools.



# #17

# QUALITY

## Certificates and references

### CERTIFICATION

We are certified since 2004 for the service of Verification, Inspection, After Sales and Maintenance of lifting and transport machineries. We are also certified for design and production of lifting and transport plants.

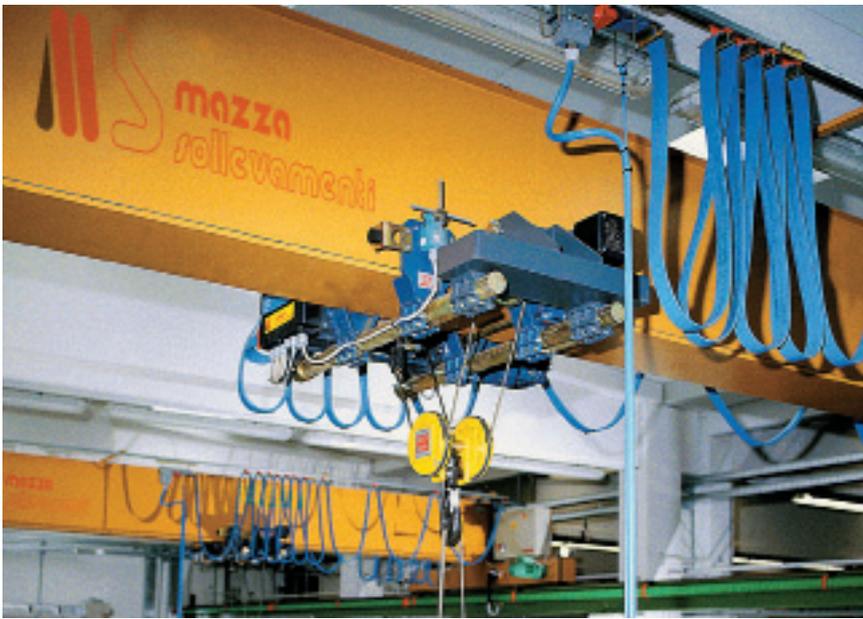


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 Donati Sollevamenti S.r.L.  
 Diplomatic Automation S.r.L.

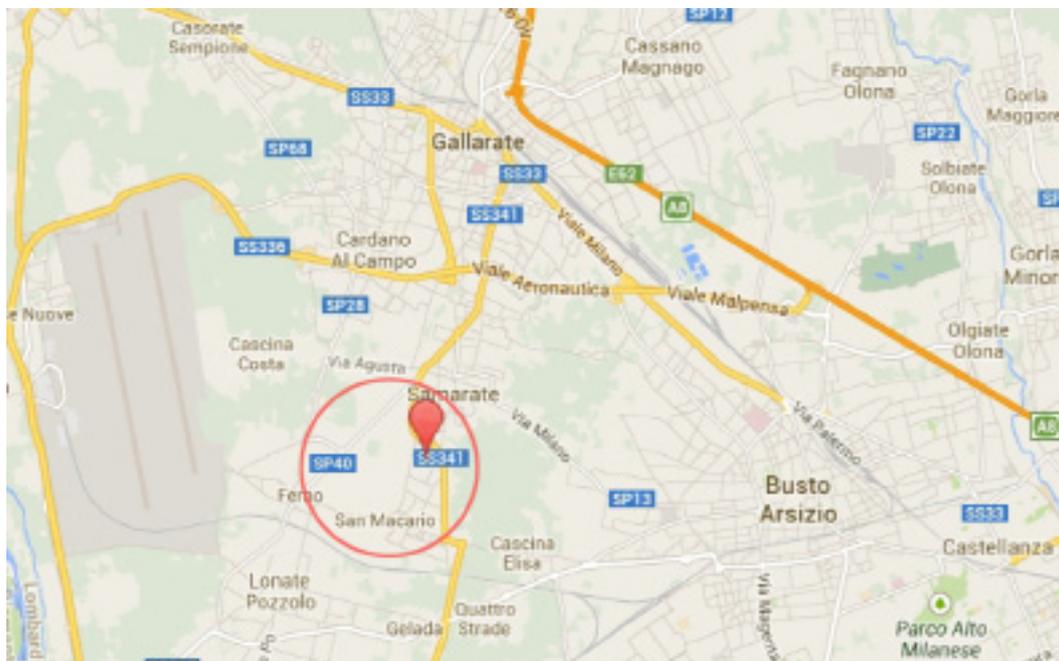
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 Perfetti Van Melle Italia S.r.L.  
 Sabiana S.p.A.  
 Sicad S.p.A.  
 Siemens S.p.A.  
 Tecnos S.p.A. (gruppo Cannon)  
 Trenitalia S.p.A.  
 Trenord S.r.L.





“ For over 40 years we are one of the leading companies in the construction and maintenance of lifting equipment, with qualified personnel and equipment that provide early intervention and appropriate quality. ”





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**SERVIZIO ASSISTENZA**

