



MAGNI GYRO Srl. – A TRUE ITALIAN COMPANY

Magni Gyro Company has been created thanks to rotating wing passion and knowledge of Mr. Vittorio Magni. Nowadays this company plays a very important role in the gyro-world.

Magni's products are worldwide known for safety, high technology, accuracy of design, workmanship and reliability.

Magni's gyroplanes are exported worldwide and they are used both for sport and recreational flight and for more specific and "heavy" uses. Because of technical and building characteristics these gyros are versatile, easy to use and operative at low-cost.

These factors make them even more interesting for professional use.

Born near Milan in 1938, Vittorio Magni, our actual CEO, started gaining technical knowledge in 1956 at Agusta Spa, now Augusta Westland, working in the transmission, engine and airframe departments.

In 1962 he was recruited as a specialist in the Helicopter Division of Montedison, acquiring experience in crop spraying and aerial disinfestations.

In 1964, together with another pilot, he established Elitaliana a company for aerial work specializing in crop spraying.

In 1967, thanks to his wide rotorcraft experience, he collaborated with Silvercraft Spa (a brand new company created to build a new light helicopter). At Silvercraft, he was appointed *Flight Line Leader* and obtained the helicopter pilot's license.

At that time he imported from the U.S.A the plans of a Bensen gyroplane. This would have been the base to produce first gyro flying in Italy.

After that first machine, Vittorio developed a complete range of one and two seats gyros, even more and more improved.

His first commercial success in the field of gyros arrived in 1986 when he sold to a Spanish company called *Cenemesa* the Patent rights of two models: the single seat MT5 and the two seats MT7, both powered by Arrow engines.

In 1977 he created the VPM Company with a dedicated department to manufacture composite parts in order to satisfy the increasing demand arisen from several aeronautical local companies (Agusta Spa; Aerea Spa, etc.).

In 1996 the old company VPM became MAGNI GYRO with the purpose of improving created models and designing new ones. Since its beginning the company showed to be well founded and capable of a good development.

Magni Gyro srl

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Capitale sociale € 80.000 interamente versato - N° Registro Imprese di Varese 02207000023 - P.IVA e c.f.: 02207000023

After the first years in Cavarina, the company underwent its first expansion on 2000, when it moved to a 900 sq./mt. building in Besnate, a small town in the Varese district. Beginning from 1st. January 2008 the company underwent a huge and important expansion.

The new 2000 sq./mt. building, always set in Besnate, assures a constant production of 6-7 gyroplanes per month reaching consequently an annual production of approx 70-80 units.

Up today, more that 600 gyros have been produced and are actually successfully flying everywhere in the world!

Our geographical location must not be underestimated as Varese district is one of the most important aeronautical centers in Italy. This generates several advantages as, for example, the easiness in finding suppliers of aeronautical materials and the presence of skilful and specialized people and companies.

The departmental organization of the production is articulated in 3 semi-independent departments, at the head of which there are Vittorio's sons Pietro and Luca, interacting together to grant a reliable, effective and profitable production capable of long term planning both in standard and prototype production.

The 3 departments are:

Composite materials department:

- Hand done impregnating and "sandwich" lamination techniques, processing of fiber glass, carbon fiber and Kevlar with epoxy-polyurethane resins
- Finishing & refinishing of parts
- Painting
- Blade balancing facilities

Structures department:

- Light carpentry
- TIG welding (aluminum, steel...)

Assembly department:

- Systems assembly
- Gyroplane assembly
- System inspection and test
- Inspections
- Overhaul

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MAGNI'S GYROPLANES

Magni Gyro Srl. is a company producing a wide range of gyroplanes known worldwide for being reliable, safe, stable and of high quality.

Our present range includes: the new M24 Orion double seat, the M18 Spartan the smallest single seat, the M14 Scout two seats 1+1, the M16 Tandem Trainer two seats, dual control system for training and the dual seat M22 Voyager particularly suitable for long flights.

M24 ORION - *Fully certified by British CAA under Section T -*

The M24 Orion is a fully enclosed, side-by-side two seat, dual control model, specially designed for those who do not want to go without comfort, even when having fun.

M18 SPARTAN

Single-seat that retains the essential Magni's features of safety, stability and strength. Its affordable price is its strength and its first sale point.

M14 SCOUT

The M14 scout, with compact seating and aerodynamic design, provides exceptional performance and two-seat utility with the essential Magni's features of safety, stability and superior structural strength. This gyroplane is well known to the amateur market because of its high-quality performances.

This is Magni's sporting model but it is well suitable for quick and easy flights and may find application in fields other than sporting flights.

M16 TANDEM TRAINER – *Fully certified by British CAA under Section T -*

The M16 model has been in production for a long time. It has recently been upgraded in order to better meet customers' needs; this has been achieved by technical development and better knowledge of the market. It's sturdy, reliable and has a considerable range. It is easy to control, handle, fun and excellent for both teaching and for enjoying flights with someone else.

M22 VOYAGER

The M22 Voyager model is, as the name itself suggests, the ideal solution for travelling on total comfort. A well-equipped two-seat gyroplane featuring a large luggage compartment and an oversize fuel tank. Ideal for travelling, it maintains the stability and safety characteristics of the M16 model.

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USE OF A GYROPLANE

Because of their peculiarities, gyroplanes are capable of short take-offs and landings, not as short as the helicopters' ones but anyway shorter than the planes. Gyroplanes can fly in a wide range of speeds and are totally safe even at slow and very slow speed. Another advantage is related to the relatively low initial cost and to low maintenance and operational costs.

At present gyroplanes are mainly used for recreational flying but, apart of that, there are many other fields in which gyroplanes can be operated, as for example:

- Aerial control of power lines and/or telephone lines
- Road patrolling
- Aerial control of potentially dangerous situations
- Environmental control (Embankments – Flooding – Fire)
- Agricultural crop spraying
- Light/small transports

Customer service

Magni Gyro activity is not just the one inside the company. The maintenance centre is very important to grant reliable, adequate and efficient assistance service to customers. Flight tests, ordinary and extraordinary maintenances are done at the maintenance centres.

Customer service is one of the key points in the success of a product, this is an obvious concept. Magni Gyro can't however supply this service directly everywhere.

To answer this worldwide need of support, during the past years, Magni Gyro has developed a net of local agents and dealers able to grant training of pilots and maintenance of gyroplanes.

These agents have all the required technical information for maintenance and furthermore they can access to courses for technical update for themselves and/or for their technicians.

Dealerships are established to well identified market areas. Every dealer - agent must show to comply with a *standard* quality level established depending on available facilities, training capability and technical knowledge of agent's technicians.

MAGNI GYRO Srl

VITTORIO MAGNI /CEO

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