



ITALIAN FLYING TECHNOLOGY

Enjoy your Gyro!



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MAKERS OF DREAMS



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MAKERS OF INNOVATION

A FAMILY HISTORY

It started with a dream. Inspired by his passion for aviation, 50 years ago Vittorio Magni imported the plans for a Bensen gyroplane from the United States and built what became the first gyro to fly in Italy. From those early experiments, he went on to develop a range of single-seat and two-seat aircraft with levels of performance, which gained international acclaim from the gyroplane world. Vittorio's company, VPM, also worked as a partner for Italian aerospace giants like Agusta and Aera, producing components for their helicopters. In 1986 he licensed the Spanish company Cenemesa to build two of his gyroplane designs, the single-seat MT5 and the two-seat MT7, both powered by the Arrow 2-stroke engine. In 1996 the newly-incorporated Magni Gyro srl entered the market with a range of state-of-the-art gyroplanes which soon became recognised worldwide for the quality of their design, manufacturing, reliability and safety. Vittorio's dream is now a long-established and stable family business. His two sons Pietro and Luca, both of them gyroplane pilots and flight instructors, are responsible for the production and assembly lines as well as being involved in the international growth of the business.



PASSION AND COMMITMENT

The company's premises extend over an area of more than 2,000 square metres and incorporate the three main manufacturing departments: structures, composite materials and assembly. The three teams work closely together to ensure that both standard products and prototypes are produced to the highest possible quality standards in a timely and efficient way. The high-precision machined components required for the manufacture of a Magni Gyroplane are made exclusively for them by the company's specialised engineering partners.

Magni gyroplanes are exported worldwide and are used not only for recreational and sporting activities but also in demanding commercial roles.



James Ketchell on board of his M16C during his world tour

RECORD-BREAKING GYROPLANES

The quality, reliability and safety of Magni gyroplanes has enabled them to have a long history of record-breaking and award winning; in recent years some of the highlights have been: • **2015** Italian astrophysicist and pilot Donatella Ricci set a new world altitude record when she flew a standard Magni M16 to an altitude of 8,399m (27,556ft); • **2016** pilots John Craparo and Dayton Dabbs won Gold and Silver medals respectively for their Magni M16s in the "Best Gyroplane" class at the annual "Airventure" show in Oshkosh, USA. The same year Dr Paul Salmon completed a record-breaking 3,500km trans-continental coast-to-coast round-trip flight across the USA in a Magni M22 Voyager; • **2019** Captain James Ketchell completed an adventure that had seemed impossible – a solo round-the-world flight in his Magni M16. His journey was not just about adventure; one of its main goals was to inspire young people around the world to pursue their dreams and ambitions.

With these huge achievement behind them Magni Gyro continues to break its own records. In 2019 the company produced its 1,200th gyroplane – another milestone in our journey of constant growth.



Donatella Ricci flies at 8,399m (27,556ft)

MAKERS OF PERFORMANCE



MAKERS OF EXPERIENCE

OUR PRODUCT RANGE



M24

The M24 ORION is a fully-enclosed, side-by-side, two-seat dual control gyroplane, specifically designed for those who want to enjoy some luxury whilst having fun, whatever the weather. The interior of the M24 reflects the company's design goal of delivering a high quality finish using the finest materials in elegant colour combinations with the highest possible level of attention to detail. The 82 litre fuel tank gives the capacity to fly for over 4 hours at a cruise speed of between 120 and 150 kph (75 to 95mph).



M22

The M22 VOYAGER is the perfect open-cockpit gyroplane – easy to fly, safe and stable for long-distance touring. Spacious, comfortable, with clean, elegant lines, the M22 is equipped with two luggage compartments with a total capacity of 150 litres, perfect for travelling. The new 80-litre integrated fuel tank provides an endurance of up to 4 ½ hours at a cruise speed of 120 to 150 kph (75 to 95mph)



M16

The M16 TANDEM TRAINER is Magni Gyro's "best seller" – not only because it has been certified by the UK Civil Aviation Authority against their "Section T" design code, but also because of its versatility, reliability and maturity. Flying schools and private owners love the aircraft for its robust quality and dependability; student pilots love its handling characteristics and the confidence it inspires in them as they learn to fly. The M16s 60-litre fuel tank gives it an endurance of up to 4 hours at cruise speeds of 120 to 150 kph (75 to 95mph). The "Agrigyro" version of the M16 is equipped with a crop spraying system capable of treating areas up to 25m wide on each pass.



PLUS

The Magni Gyro "PLUS" adds more to the whole Magni Gyro aircraft range. The "PLUS" model – fitted with the new Rotax 915iS engine – is now available across the entire Magni Gyro aircraft range. The 915iS gives you a new flying style, new emotions and a gateway to new experiences. Based on the well-proven Rotax 912/914 series of engines, the 915iS offers more energy, the best power-to-weight ratio in its class, full take-off power all the way up to 15,000ft and a service ceiling of 23,000ft (7,010 m)





MAKERS OF SOLUTIONS

SKILLED VERSATILITY

Magni Gyro manufactures its products with technical and design features making them highly versatile, easy to use, cost-effective and ideal for not only recreational activities, but also in professional and educational roles.



The M16 Tandem Trainer gyroplane is the aircraft of choice for flying schools. The dual-control M16's stability, dependability and confidence-inspiring handling make learning to fly an easy and enjoyable experience.

The "Agridyro" agricultural model is based on the Magni M16. It is equipped with a highly efficient delivery system capable of spraying strips of land up to 25m wide with flow rates of between 20 and 80 litres per minute, automatically adjusted in relation to the aircraft's flying speed.

The ability to fly at low speed and low height, and with low fuel consumption, makes Magni gyroplanes the ideal aircraft for observation, surveillance and anti-poaching activities, and they are used in this role in the Sheldrake Park nature reserve in South Africa and the Tsavo National Park in Kenya. The M22's large cargo compartments are used by the "Aid by Air" charity to deliver medicines and medical equipment to inaccessible areas of Malawi.



MAKERS OF EMOTIONS

WHAT THEY SAY



"Magni Gyro built the most incredible gyroplane for me to fly around the world! It could not have been better, it never missed a beat the whole way around the world! Performance, looks and reliability, there is simply nothing that comes close to an M16 in my opinion". - Captain James Ketchell, Great Britain

"Je présente également tous mes vœux au staff Magni, Vittorio, Pietro, Luca, et bien sur tous les membres de l'équipe qui contribuent à de belles et performantes machines avec lesquelles nous faisons environ 500h de vol par an." - Pascal Podogorska, France

"You have really set a new high standard with this particular gyro. There is zero stick shake and it flies beautifully! Well done!" - Jeff Blunt, Australia

"Mucho se ha dicho sobre estos autogiros, pero yo, cada vez que aterrizo, doy las gracias al equipo Magni por haber diseñado una máquina tan maravillosa que me permite disfrutar tanto de la vida." - Marcos Chuliá Quintana, Espana

"Magni... Magni-ficent company! Gotta love the Italians!" - Paul Lewis, Malawi

"Grazie a Vittorio Magni per aver costruito la macchina del mio sogno". - Donatella Ricci, Italia