

“Racing performance every day”

DELLORTO

In the motor sector since 1933, **Dell’Orto** confirms its presence at EICMA, the most important global event for the two-wheels.

Injection Systems

Thanks to the considerable experience gained in **MotoGP** with the **RSV Aprilia throttle bodies** and with the **moto3 ECU** (Electronic Control Unit), at its third release, Dell’Orto shows a complete range of electronic fuel injection components and systems for motorbike engines. The **NEW Monnalisa electronic control unit**, which completes the **DELLORTO ECU** range, has been designed to meet the requirements of the next years and the EURO5 and BS6 regulations that will enter into force in 2020. The latest development includes the traction control, the start-and-stop and the OBD2 advanced on-board diagnostics. The **DELLORTO** ECUs support single- and two-cylinder engines, 2- and 4-stroke, with air or liquid cooling.

Electrification

In 2019, Dell’Orto took up the electrification challenge, taking part of **MotoE** project with the supply of the **data acquisition system**: datalogger, inertial measurement unit, brake sensors, suspension sensors, TPMS receiver and sensors (tire temperature and pressure).

Through this new electrical experience, Dell’Orto has recently established an **important cooperation** with Energica Motor Company for the development and production of dedicated “Power Units” for EVs of small (power range up to 8/11kW) and medium sizes (power range up to 30kW). With this **Partnership**, Dell’Orto and Energica Motor Company will continue their common path for the development and the expansion in the mentioned segments (EVs of small and medium sizes), which is expected to grow significantly in the upcoming years.



This project aims at offering technologically-advanced solutions to the major manufacturers operating in the “two-wheeler” market, combining the unique know-how of Energica in the electric motorization with the Dell’Orto’s design skills in injection systems, as well as their production and commercial capacity in Europe, China and India.

The agreement foresees the common development of an innovative system based on the know-how of the two companies and its commercialization. For more info: <http://www.dellorto.it/en/e-power-project-en/>

Throttle Bodies

The two product lines of **mechanical throttle bodies** and **electronic throttle bodies** are improved and expanded with innovative solutions.

For the **mechanical throttle bodies**, Dell'Orto developed a compact air by-pass actuator and a 3-in-1 combined sensor that include the functions of contact-less TPS, temperature and air pressure sensor.

The electronic throttle bodies are available with different solutions for 1 and 4-cylinder engines. Thanks to a new-patented solution, it is possible to control the main throttle and a secondary throttle with a single actuator; this solution improves driveability and emissions at low speed.

Sensors

This year Dell'Orto presents a **complete range of sensors**: TPS contactless –single and double output-, 3-in-1 sensor (TPS, temperature sensor and pressure sensor), dual map sensor for twin-cylinder applications and an innovative contact-less gear position sensor.

Fuel pump modules

A great configuration flexibility allows the Dell'Orto fuel pump modules to be a reliable market player. They are available with pre-filter, fine filter, pressure regulator and level sensor and they can be fitted on top or below the fuel tank.

Exhaust valves

Dell'Orto is already producing exhaust gas recirculation valves for cars and now it has developed and industrialized an exhaust valve for motorcycle engines. The valve is able to optimize and enhance the sound of the engine. The exhaust valve is produced in stainless steel that withstands the high temperatures downstream of the catalyts, required for EURO5.

Electronic Carburation System

Beside the electronic ignition, Dell'Orto goes on in the development of its patented **ECS electronic carburation system**, perfectly suited for 50cc mopeds and for engines with small displacements for the Asian market, which has recently obtained the patent in India, the most important market for production volumes in the world.

The Dell'Orto components are not only used on motorcycles, but also on cars, commercial vehicles, industrial engines, snowmobiles, marine engines and karts. For the last one, Dell'Orto proposes a system composed of ignition control unit, coil and carburetor.

In a strategic development plan in line with the new demands of the world market, Dell'Orto has recently expanded its footprints both in India and in China.

Dell'Orto has a production site in India, where important production has begun in partnership **with the main local producers**. It is a highly technological plant, organized according to the Italian know-how and expertise and fully compliant with the European quality standards. It started

Dell'Orto S.p.A.

Sede Legale: Via R. Sanzio, 2 - 20831 Seregno MB - Italia
Sede Operativa e uffici: Via Kennedy, 7 - 22060 Cabiate CO - Italia
T. +39 031.76.92.111 - F. +39 031.76.92.216

Cap. Soc. int. vers. €5.160.000
CF 00685940157 - PI 02830910960 - EORI IT02830910960
Registro delle imprese di Monza e Brianza n°00685940157
www.dellorto.it/t/informazioni_privacy - staff@dellorto.it

its activity in 2006 with the production of **mechanical throttle bodies** for the local market of injection systems and for the export. After this first phase, it has increasingly consolidated its position on the Indian market becoming one of the **first local players for the injection system components**. In February 2018 a **joint venture** was signed with **Varroc** to further strengthen the presence of Dell'Orto in India as **SYSTEM INTEGRATOR** for motorcycle injection system. Varroc will support Dell'Orto for the production of the **new DaVinci and Monnalisa electronic control units**, furtherly completing the product range.

The Chinese market is managed by Dell'Orto Shanghai Trading Company that has been operating for 10 years on the Chinese motorcycle market, where it is **leader with the electronic carburetion system** for moped and small-displacement motorcycles, **EU4** homologated and **EU5** homologation in process. Dell'Orto Cina is a partner for the development of the complete injection system for the upcoming **China Stage IV regulations** and for the export. In 2017 a **JV** was established for the production of the **fuel modules** for the **motorbike field** and Dell'Orto has brought its expertise to quality, gaining the strictest validation tests (AKLH12) in order to reach a **product of excellence**.

Dell'Orto is **exclusive distributor in Italy** for **Bosch** trademark products for motorbikes, such as batteries, spark plugs and light bulbs.

Dell'Orto with Eni i-Ride is MotoLive Official partner



Dell'Orto continues the **collaboration** with **ENI** for the exclusive distribution of **i-Ride lubricants for motorcycles and scooters** in Italy.

After two years, the results obtained are well beyond expectations, thanks to the work done by both companies, agents and distributors.

EICMA and Motolive guests can receive and appreciate the i-Ride lubricants by visiting the i-Ride corner at Motolive.

We are waiting for you at **EICMA** at **Pav. 9 Stand N62**, but also in the MotoLive area to receive an **i-Ride free gift!**

Web details:

www.dellorto.it (ref. 3D clip in homepage available from Nov. 5th)
www.dellorto-pe.com

Simona Ravasi

Marketing & Communications | Motorsport Sales Account
Tel. +39 031 769 22 42 - Mob. +39 338 30 28 650
simona.ravasi@dellorto.it