

Ravioli's Mission & Vision

"We look at the market through our customers' eyes, therefore we guarantee high corporate flexibility to satisfy the specific requirements of each client. We strongly believe that trust and respect are the solid basis of every experience and relationship, both professional and human."

"We are focused on mutual esteem, teamwork and sharing the same common goals to be reached through reciprocal cooperation and active participation

of the people involved. We aim to the continuous growth of our Company as a source of satisfaction, membership, common identity and personal fulfilment for each person: our internal team, our external partners, clients and suppliers."

"Our activities are constantly carried out according to the corporate philosophy and ethical behaviour, as well as respecting human relationships and our commitment to social and environmental responsibility."

RAVIOLI
will be at
CeMAT
2018, 23 - 27 April
HALL 26
K18



Globalisation and export

Designing, projecting, testing and assembling in-house all the products, Ravioli guaranteeing the high quality standards of Made in Italy

John Melegatti

PME Evolution
Copper-graphite, silvergraphite or touch system contact brushes for signals are available, executions range from 6 to 60 rings 20/50/100 A. Protection degree IP65, optional angular sensors are available upon request



Born in 1926, after more than 90 years of successful activity, Ravioli S.p.A., brilliant, dynamic and famous all over the world, is manufacturer of mechanical and electromechanical devices for industry. Based in Milan, northern Italy, the Company celebrated its first 90 years in 2016, which are perfectly narrated in a special book written on the occasion of the anniversary. Ravioli S.p.A. is very well known worldwide thanks to the development of a solid and reliable network of dealers and partners.

started more than 30 years ago. The management strongly believed in globalisation and export since the 80s, long before many other Italian Companies even started to think about foreign markets. Designing, projecting, testing and assembling in-house all the products, Ravioli maintains the production strongly rooted in the territory, guaranteeing the high quality standards of Made in Italy, accordance to EU Norms and Directives, user-friendly design, customer care and technical assistance as well as innovative and updated solutions for each product.

The complete range of Ravioli's production contains numerous solutions for different applications, such as Radio Remote Controls, Push Pendant Stations, Slip Rings and Limit Switches, for cranes, hoists, overhead cranes and other machineries suitable for lifting industry; D.C. Contactors, Motor Reversers and Twin Connectors, suitable for electrical vehicles for industry such as cleaning machines, material handling, eco-friendly vehicles and aerial platforms.



Rotary Limit Switches Series Driver FRM

They are equipped with 3 internal rotation axes, which create simultaneously their own, even independent ratios. The series ranges ratios from 1:1 to 1:900 and a series of optional sensors mounted inside

PRE Smart

is characterised by an extremely easy cabling which assures a more immediate and user-friendly approach, letting the user save money and time and giving the possibility to immediately use the product at his own convenience and need. Moreover, the new PRE Smart is provided with an innovative housing, which can be laterally open to allow the user to reach the internal rings and brushes, directly from the side opening, for an easier and quicker maintenance, avoiding the complete dismounting of the Slip Ring and the related waste of time and money.

From 2000, through the project Green e-motion, Ravioli also started to develop a specific type of its Limit Switches Series to be applied for pitch and yaw control, on wind turbines for the production of wind power.

In occasion of international exhibitions in 2018, Ravioli S.p.A. is waiting to meet you at, such as WIN Eurasia 2018 in Turkey, CeMAT Hannover in Germany, CeMAT Shanghai and Bauma China in China, the Company presents this year some peculiar innovations regarding its products. The most important and imminent among which is the restyling of its Slip Ring type PRP, which will be called PRE Smart. The new PRE Smart is characterised by an extremely easy cabling which assures a more immediate and user-friendly approach, letting the user save money and time and giving the possibility to immediately use

the product at his own convenience and need. Moreover, the new PRE Smart is provided with an innovative housing, which can be laterally open to allow the user to reach the internal rings and brushes, directly from the side opening, for an easier and quicker maintenance, avoiding the complete dismounting of the Slip Ring and the related waste of time and money.

The new PRE Smart is another flagship to be added to the already well known Ravioli's range of Slip Rings, which includes ROLLER and EXD types. Thanks to its reduced dimensions, ROLLER is specifically designed to be used in applications requiring axial and radial limited sizes, combined with high rotating speed - up to 100 rotations per minute. Equipped with aluminium bottom and cover, which guarantee strong mechanical resistance and high protection degree IP65, ROLLER

is provided with a range of additional options such as absolute encoder and air passages according the customer's needs. Slip



Rings type EXD are designed and manufactured in compliance with Atex Certification for Zone 21 and 22, and they are suitable for potentially explosive dusted areas. This range provides a wider and more flexible number of solutions, combined to peculiar needs and requests of the customer.

Along with Slip Rings, Ravioli S.p.A. is constantly developing its range of Limit Switches and Pendant Stations, to guarantee all-round solutions for the industrial lifting. Many products can also be highly customised according the user's needs, both in terms of colours (for Pendant Stations) and in terms of technical features, application of encoders and sensors (for Limit Switches and Slip Rings).

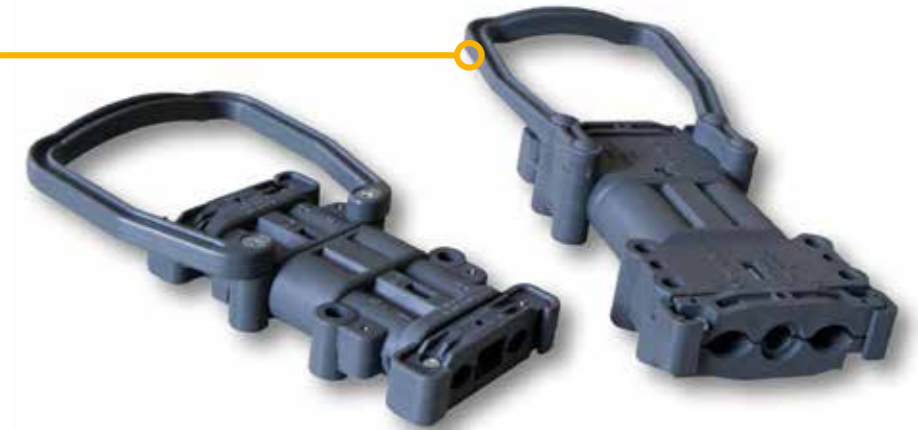
Roller

Copper-graphite or silver-graphite brushes for signals are available, executions range from 6 to 24 rings 10 A. Protection degree IP65, one or more fluidic passages or angular sensors are available as optional upon request



Twin Connectors serie EUROPA 80 A, 160 A, 320 A

includes 2 versions: **shock resistant housing** - suitable for all applications requiring high resistance against shocks; **acid-proof polymer housing** - suitable for applications needing elevated resistance against acid



D.C. Contactors Serie LOGO

Thanks to reduced dimensions, LOGO D.C. Contactors are used in electrical vehicles and D.C. handling machinery. Contacts are in silver alloy and double breaking, particularly suitable for heavy duties. They can also be manufactured with special knurling which allows to transmit signal currents.



These innovations fit entirely with the constant growth and improvement of each family of products, along with the Company's will to combine mechanical and electronic components in each product, in order to provide more and more integrated devices, to satisfy the customer's needs and to perfectly respond to Industry 4.0. Many devices, from PME Slip Rings to FRM Limit Switches, are provided with encoders

and special sensors which elevate the technology standards and the performance of each product. The productive processes, from ideation, design and realisation, to quality controls, tests and final approval are all strongly integrated to one another, in order to let all the teams and divisions perfectly cooperate, be informed at any time of the different steps in the production and work efficiently and correctly lined.◀



Pendant stations LADY series

Particularly resistant and therefore also suitable for applications in severe circumstances, Ravioli push-button pendant stations for auxiliary circuits series Lady are built in robust material and with an ergonomic design

INFO

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