

DIPLOMATIC MS – DAIKIN INDUSTRIES AT PLAST 2023 IN MILAN, ITALY

Diplomatic MS (Daikin Industries) designs and manufactures motion control solutions for industrial applications, offering a complete range of products and specific systems for the plastics sector, on display at the Plast fair in Milan, Italy, from 5 to 8 September 2023 (stand C02 - hall 22).

Parabiago, Milan, July 25th, 2023 - Diplomatic MS, part of Daikin Industries, will display at the Plast fair in Milan, Italy (5-8 September 2023) its new offer for the plastic processing machinery sector, which stems from the strategic and technological partnership with the Japanese group (stand C02 - **Hall 22**).

The market for plastic processing machines is expanding and constantly looking for innovative, reliable, and efficient solutions. Diplomatic MS combines the experience of over seventy years in the production of motion control components using hydraulic and electromechanical technology with the innovation developed by Daikin for inverters, cooling units and servo pumps. Diplomatic solutions on display at Plast improve the efficiency and sustainability of machines intended for a demanding and complex sector such as plastic processing. *"We are excited to be able to face this market with a complete and rich offer, thanks to the partnership with Daikin, which allows us to offer innovative and sustainable solutions for the plastics sector"*, said Roberto Maddalon, CEO of Diplomatic MS.

The heart of the Diplomatic MS offer at Plast 2023 is the servo pump technology which, using IPM (Internal Permanent Magnet) motors to create highly dynamic variable speed systems, can regulate flow rate and pressure with extreme precision, a primary need in the plastic processing sector, with the following advantages:

- Greater precision in process control.
- Reduction of material waste.
- Improved product quality.
- Less energy consumption since the electric motor works only when it is necessary.

Diplomatic will exhibit the following product lines at the stand:

- Daikin servo pumps (high dynamic SUT), featuring powers from 11 to 37kw, able to manage flow rates up to 300 l / min at a pressure of 280 bar.
- Solenoid valves both direct and pilot operated; proportional and servo proportional valves used for the various machine functions, also with fieldbus for closed loop pressure and/or position controls.
- Fluid cooling unit (Chiller) with inverter technology to precisely control the temperature of the working fluid by a tenth of a degree and improve machine efficiency. A technology that reduces the noise of the process and energy expenditure for processing.
- ISO series electromechanically controlled linear actuators, sizes from 32 to 125, maximum force 120kN.

Diplomatic MS Spa, a Daikin Group company – Headquarters in Parabiago (Milan), with a turnover of 163 million euros and six hundred employees at 31.12.2022 – designs and manufactures hydraulic and electromechanical components and systems for motion control in various application sectors. The Group is present on the market through the following brands: Diplomatic Motion Solutions for industrial applications, Hydreco Hydraulics for mobile applications, Continental Hydraulics for North America and Till Hydraulik for the German market. The Group has production plants in the USA, Japan, China, India, Australia, Italy, Germany, Great Britain, and sales offices in different areas of the world.

www.diploomaticmotionsolutions.com

Press Contact: s.bernardelli@diploomatic.com