

Piovan is "Industry 4.0 ready"

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At Fakuma the Piovan Group has featured its Piovan, Aquatech and Fdm brands. While Piovan and Fdm are specialized in material handling systems and advanced solutions for plastics processing – with Fdm more focused on the extrusion process – Aquatech specialises in industrial cooling and temperature control technology.

In fact, the Friedrichshafen's exhibition, has been the occasion to present **Easytherm** by Aquatech. It's about the new temperature control line, "Industry 4.0 ready" thanks to the integrated OPC-UA protocol, which includes a range of versatile units allowing smart energy use management. Another solution from Aquatech is **Flexcool**, a system which allows utmost efficiency and flexibility of application, whose core is the thermochiller **DigitempEvo**.

Piovan has shown its **Winenergy** and **Winfactory 4.0** supervision software featured on touchscreens. Winenergy is the energy use monitoring and analysis system comprising proprietary software that is connected to a series of measuring devices – which acquire data about a variety of physical parameters including power, electricity, thermal energy and temperature. It can be installed on its own or in combination with Winfactory 4.0, to maximise system control and efficiency.

By Piovan, as the ideal solution for the fully automatic material supply to the processing machines, there will be the model EL20 of the **Easylink+** line, featured by a state-of-the-art pipe cleaning procedure, which guarantees the absence of cross-material contamination.

Easylink+ has been in operation together with the **Modula** series auto-adaptive dryer and the **Pureflo** filterless granule receivers.

Moreover, for the first time at Fakuma, Piovan **Quantum E** gravimetric batch blender with continuous extrusion control will be exhibited, equipped with its 15" touch-screen panel control.

A big-size granulator has completed the product display under the Piovan brand.

Fdm has showcased a gravimetric dosing system of the **GDS series**, featuring Siemens control, designed for the needs of pellet, flakes, regrind, additives and powder treatment.

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