



EASY DOES IT

PIOVAN GROUP WINS THE IF DESIGN AWARD 2019
WITH AQUATECH'S EASYTHERM TEMPERATURE CONTROL UNIT.

Easytherm, the new temperature control unit developed by Piovan Group's Research and Development team in collaboration with MM Design, was chosen earlier this year from a field of 6,400 entries from over 50 countries as winner of the coveted iF Industrie Form award.

"A prize that rewards the hard work during the design phase," said Alex Terzariol, owner of MM Design. "From the outset we concentrated on man-machine interaction, with correct positioning of a clear, legible display and with a handle for easy mobility. Every detail has been carefully styled, defining a new design language for the brand."

The form of industrial technical equipment is often overlooked in favour of function. Mould temperature control is a crucial parameter in the processing of plastic materials, but the fresh approach – oriented towards constant innovation – resulted in Easytherm, the new mould temperature control unit to be sold under the Aquatech brand name.

Piovan CCO Peter Dal Bo added: "We are proud of this award, achieved through our determination to be constantly innovative, even in the choice of materials and in the design of our solutions. Easytherm derives from in-depth analysis of the market's needs with the aim of providing a product that would successfully combine outstanding performance with quality of materials and modern design."

PLAYING IT COOL

Piovan takes great care over all its products, even those intended for industrial use, and is always seeking

materials and solutions that combine performance with a distinctive brand identity. A temperature control unit is usually installed on the moulding machine – the challenge was to come up with a practical product tailored to users' needs.

While keeping its function clearly in mind when designing Easytherm, MM Design also ensured the control panel would be perfectly legible by mounting it with a tilt. The panel is protected by tempered glass and features six capacitive touch keys for immediate access to Easytherm's main functions. Easily transportable from one moulding machine to another, wheels and a retractable handle greatly improve the manoeuvrability of the unit.

HOT NEW DESIGN

Creating optimal styling for the chassis, MM Design came up with two steel shells that protect the unit from impact.



These also help to disperse heat on the internal components. Sheet metal covers and a polycarbonate display mounting panel combine ruggedness with visibility.

A new internal and external layout, a redesigned ergonomic control unit, and high-level components are all combined in a versatile machine that guarantees reliability, precision and intelligent management.

Easytherm currently operates with temperatures up to 90°C, but the range will soon be expanded up to 180°C. Modern, user-friendly, and with high chemical resistance even to aggressive fluids, vapours, humidity and extreme temperatures, Easytherm's innovative character is completed by Industry 4.0 compatibility, adding connectivity and convenience to form and functionality.

With Easytherm, Aquatech extends its product range with a truly innovative temperature controller, thanks to design oriented towards versatility and convenience, energy optimisation and digital integration with the plant's other machines.



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