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Press release
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WAGNER expands its portfolio in the automatic liquid coating sector with a new, universally applicable airspray gun

The new automatic airspray gun TOPFINISH GA 1030 for industrial liquid coating convinces with excellent atomizing properties and a high-quality spray pattern. The universal unit for automatic applications is particularly low-wear, which reduces spare part costs and halves maintenance costs. This enables process-safe coating in continuous operation.

The TOPFINISH GA 1030 from WAGNER impresses with its high reliability, minimal overspray and particularly low paint mist. Due to its modular design, the automatic airspray gun can be used for a wide variety of applications for coating work pieces made of wood, metal or plastic where a perfect appearance with high-quality surfaces is essential. "Thanks to a particularly large material passage of the nozzle, water and solvent-based media can be applied just as easily as low to high viscosity materials and paints with a high solids content. Especially for coating with UV and highly abrasive materials, the automatic gun is available as TOPFINISH GA 1020 version with membrane seal - for switching times of less than 20 milliseconds and particularly fast position changes in the coating process," explains Peter Neu, Senior Product Manager Industrial Solutions at WAGNER.

Modular design for all coating requirements

The new gun can be converted into different variants in no time at all. Several air caps and nozzles are available for applying different paints. In order to keep storage and investment costs low, these and the needles are identical to the spare parts of the manual TOPFINISH airspray gun GM 1030P. The TOPFINISH GA 1030 can optionally be supplied with several circulation variants, with and without flushing valve and with various base plates. Optional rear or side connections support optimal movement. Several adapters are available depending on the type of mounting required and for robot mounting. In addition, there is a robot version with fixed needle stroke without air valves.



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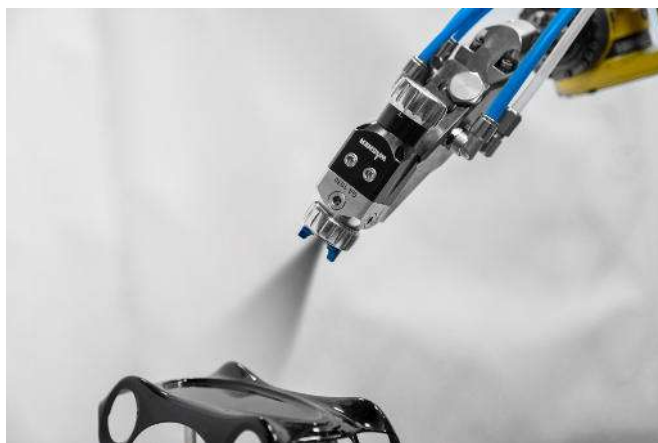
Efficient material use

Overspray and thus material consumption are minimised by the optimised design of the air duct. This allows a transfer efficiency of up to 85 percent to be achieved. The material flow is regulated very precisely via a needle adjustment knob with micrometer screw. The gun is available with internal and external air regulation, via buttons on the gun or remote control. No matter which version of the TOPFINISH GA 1030 a user chooses: For a reliable coating process, the air supply to all variants of the new airspray gun is automatically interrupted during the coating process as soon as the needle closes.

Long maintenance intervals and low spare part costs

Just like the manual TOPFINISH GM 1030P, the automatic TOPFINISH GA 1030 is equipped with a two-part nozzle consisting of nozzle head and nozzle nut, saving costs. In case of wear, only the nozzle head has to be replaced. All parts in contact with the material are made of durable stainless steel and the needle has an additional wear-resistant and low-friction coating. The optimised, particularly durable packing and the specially coated needle support uninterrupted operation. "Even after one million switching operations, there were no leaks in the field test. Accordingly, the number of maintenance operations is considerably reduced. Thanks to the modular and service-friendly design, the wear and spare parts can then be replaced very quickly. This increases productivity and at the same time reduces maintenance and spare part costs," says Peter Neu.

Pictures:





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About WAGNER:

J. Wagner GmbH is one of the world's leading manufacturers of equipment and systems for surface coating with powder and liquid lacquers, paints and other liquid materials. The WAGNER Group portfolio also includes bonding, sealing and encapsulation technology including injection moulding with the brands WAGNER, Titan, Walther Pilot, Reinhardt-Technik and CA Technologies. The beginnings of the company go back to the year 1947. Today the innovative coating technologies of WAGNER are used in industry as well as by craftsmen and do-it-yourselfers and set standards in the industry. The WAGNER Group is represented worldwide by around 1,600 employees in 15 operative companies and around 300 agencies. Owners of the WAGNER Group are the Josef Wagner Foundations, which pursue exclusively charitable goals.

More information can be found at www.wagner-group.com