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PRESS RELEASE

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Kempa: Coating kitchen doors in half the time

MDF powder coating system from WAGNER brings greater efficiency and higher quality

"Custom-made at standard prices" is the motto of Kempa Keukendeuren nv. The company manufactures individual kitchen cabinet doors and kitchen furniture in the Belgian city of Herentals (Flanders). "We don't have mass production or any warehouse. Each order is tailor-made for the customer," reports Filip Laureyssen, Marketing Manager at Kempa. "However, as we still want our products to be affordable, we take advantage of every opportunity to increase our efficiency. Under no circumstances may our high quality be compromised in the process." With this in mind, Kempa decided not to liquid-coat some of their MDF boards in future, but rather to use a WAGNER powder coating system.

Customer demand meets efficient production

Two influencing factors came together here. Firstly, the customers – who mostly come from Belgium and the Netherlands – increasingly asked for powder-coated MDF boards, because they are usually cheaper and more durable. "You need to understand that the powder coating of MDF is significantly more widespread in Belgium than it is in Germany," explains Filip Laureyssen. "From our point of view, the technology has only just reached a level of sophistication where we wanted to use it." WAGNER developed a new procedure for coating MDF boards, which has been on offer since 2014. The technical centerpiece is units that are capable of achieving flawless electrostatic powder coating thanks to an innovative new charge distribution.



The challenge when powder-coating MDF boards is to electrostatically charge the wood. For this purpose, WAGNER has developed special units which enable optimal powder coating on the standard MDF boards by means of an innovative new charge distribution – as used here by kitchen cabinet door manufacturer Kempa in Herentals, Belgium.

(Source: WAGNER Industrial Solutions)



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Secondly, Kempa wanted to make production more efficient and above all save working time. "Using the new system, two employees create several kitchens each day. Powder coating is more than twice as fast as liquid coating and we can immediately further process the workpieces without any drying time," says Filip Laureysen. The procedure improves quality at the same time: In just a single, seamless work step, a coat is applied that is not only cheaper, but also more resistant and durable.

New PXM powder center in use

Following thorough consultation with Alexander Buchmüller, Business Development & Sales Manager (MDF) at WAGNER, Kempa opted for a WAGNER plastic booth in conjunction with field controller technology, ten automatic guns of the type "PEA XL C4", and the PXM powder center. "We had only brought the powder center onto the market shortly before Kempa placed their order", recalls Alexander Buchmüller. "It was perfect for the task, as it guarantees optimal powder supply both from a powder container and directly from the box." The system was installed in Herentals in February 2015 and has been in daily operation since May 2015.



Five WAGNER automatic guns of the type "PEA XL C4" are mounted on each of two reciprocators and these provide a seamless powder coating inside a plastic booth. This is not only cheaper, but also more hard-wearing and durable than liquid coating.
(Source: WAGNER Industrial Solutions)

Now, the initial phase is largely completed. "We are very satisfied with the service provided by WAGNER. We would buy the system again without reservation", says Filip Laureysen. "We have achieved our objectives: higher quality with considerably less effort. At the same time we can produce more, and our staff's capacity is freed up, so they can be more efficient." The customers are also satisfied with the new surface finish. Filip Laureysen is really pleased: "Almost no complaints, as well as cheaper and faster production – what more can you want?"



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About WAGNER:

WAGNER is a leading manufacturer of high-tech components and systems for the surface application of wet and powder coatings as well as paints and other liquid media.

WAGNER surface finishing systems are used both in the industrial sector and by craftsmen and DIY enthusiasts.

WAGNER boasts a full range of products and technology, from material feeders through mixing, dosing, movement, and control systems including material logistics to the surface application of the various media. Completing the product portfolio are booth and recovery systems for powder coating as well as gluing and marking systems.

The WAGNER Group has a global presence, with a workforce of approx. 1,450 people, 18 operative companies, and around 300 WAGNER agencies worldwide. The WAGNER Group is owned by the Josef-WAGNER Foundations which, in addition to supporting the group of companies, pursue exclusively non-profit, charitable aims.

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