

The logo for WAGNER, featuring the word "WAGNER" in a bold, black, sans-serif font with a stylized triangle above the letter 'A', set against a yellow rectangular background.The logo for Kempa, featuring a green stylized 'K' followed by the word "kempa" in a lowercase, sans-serif font, with the text "POEDERLAK OP MDF" in smaller letters below it, all on a white background.

## Coating kitchen doors in half the time

"Custom-made at standard prices"

January 2016

### 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.



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 Laureyssen. 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 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 the former product manager. "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.

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 Laureyssen. "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 Laureyssen is really pleased: "Almost no complaints, as well as cheaper and faster production – what more can you want?"