

Van Meer Industrial Services: cutting-edge motor controllers

CUSTOMER REFERENCES

Electrical engineering &
automation



Customer: Van Meer Industrial Services
Industry: Manufacturer of energy-efficient drive systems
Established: 1991
Headquarters: SJ Tholen, Netherlands

Van Meer Industrial Services is a leading service provider and brand-neutral partner for the manufacture and maintenance of energy-efficient engines, generators, gearboxes and more. The enterprise is headquartered in Tholen, the Netherlands, and has an international sales centre in Antwerp, Belgium. In addition to its portfolio of industrial electric motors and

controllers, Van Meer offers a wide range of engineering and maintenance services. It enables customers in a variety of industries to ensure the efficient operation of their production lines and processes. Van Meer recently collaborated with Rittal to implement digital processes for the design, machining and assembly of controllers.



“Rittal Automation Systems has enabled us to take our quality and reliability to an even higher level. Whatever comes our way in future, we are well prepared.”

Luc van Meer,
Business Development Manager

THE PROJECT

The Challenge

- Minimising material costs
- Expanding panel building and making it more professional

The Solution

- Using the Perforex BC one day after installation
- 3D presentations for customers in early project phases
- Reducing errors and material costs



Cost-efficiency and energy savings

Eight years ago, Van Meer primarily specialised in electric motor maintenance. However, repeatedly rewinding electric motors is subject to the law of diminishing returns. Every time this form of maintenance is performed, energy-efficiency decreases by approximately two per cent. In the case of a continuously operating 100 kW electric motor, for example, that can translate into additional costs of 70,000 euros annually. In light of high electricity prices and uptime requirements, customers were increasingly choosing motor replacement rather than repair. Against this background, Van Meer transitioned from a traditional maintenance provider to an international service centre for purchasing and operating drives, motors and other rotating equipment. It also offers the corresponding controllers and maintenance.

Minimising material costs with Rittal Automation Systems

Diversifying its service portfolio enabled Van Meer to expand and improve production of controllers. The enterprise leveraged CAE software solution Eplan Pro Panel to create digital design drawings, and sent these to Rittal for machining. Rittal checked the drawings, and delivered the perfectly

pre-machined TS 8 enclosures. However, Van Meer was receiving a growing number of increasingly large orders for controllers – and decided to purchase its own machining equipment. Its Perforex BC 1007 HS from Rittal Automation Systems went into operation just one day after it was installed – and has been used on a daily basis ever since. Both Eplan Pro Panel and Perforex offer Van Meer attractive advantages. The enterprise can employ Eplan Pro Panel to generate 3D visualisations, even in the early stages of a project, and discuss these with the customer. Moreover, Perforex minimises errors and material costs.

End-to-end efficiency

Digital processes improve designing, planning and final assembly of the controllers. Van Meer’s completion of a major order for Kuraray, a Japanese manufacturer of chemicals, demonstrated the effectiveness of this end-to-end approach. Kuraray is increasing its annual production capacity from 24,000 to 35,000 tonnes. Within the scope of this ambitious project, Van Meer Industrial Services supplied three medium-voltage motors (6000 V) and 150 low-voltage motors (400/690 V). Kuraray also tasked Van Meer with developing the drives for the motor controllers. These are housed in a row of eleven Rittal TS 8 enclosures.

Your partners of choice for state-of-the-art panel building and switchgear manufacturing.

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