



**MPE**  
Quality, Reliability, Performance

# Company Bulletin

for EMC, EMP, HEMP & TEMPEST Protection

Issue 20



Manufacture of command posts at Drehtainer



Container testbed at Drehtainer



A Drehtainer watchtower cabin



MPE power line filters of different amperages

## Cutting-edge command post solutions

Via Electrade GmbH, its Bronze distribution partner for Germany, MPE has supplied a range of EMC filters to Drehtainer GmbH for integration into its portfolio of highly sophisticated command posts, containers and shelters. Founded in Hamburg in 1974, Drehtainer is a privately-owned, medium-sized enterprise located between the states of Schleswig-Holstein and Mecklenburg-Western Pomerania and boasting a 12,000 m<sup>2</sup> production area with a crane lifting capacity up to 100t.

Concentrating its efforts on the development and manufacture of special containers and vehicles for defence, nuclear technology and industrial applications, Drehtainer has since 2005 delivered some 2,500 protected, modular, camp containers to support the operations of the German, Australian, Canadian and Dutch armed forces as well as the Swiss Army. The unique modular system design of protected Drehtainer solutions allows the containers to be docked to each other to create small to very large buildings.

Working closely with Electrade, John Parsons and John Jephcott of MPE conducted visits to Drehtainer's facility to make a thorough assessment of requirements. Following this, the filter selection and development phases were also completed at MPE, prior to providing a number of high-performance filter variants to Drehtainer for installation and test. These filters included three-phase and neutral AC models covering 16A through to 100A power requirements, along with various multi-line control and telephone filters.

To date, MPE has supplied eleven different filter models, in numerous batches, for integration into Drehtainer's command post and electronic warfare (EW) container solutions.

The selection of MPE filters for these shelter applications is further testament to the breadth of quality product offering at MPE and Electrade's commitment to outstanding customer service. Electrade and MPE now look forward to continuing their working relationship with the highly motivated and experienced team at Drehtainer.

**DREHTAINER**   
Protection makes the difference.

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