



Company Bulletin

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Exterior and interior of the new and greatly expanded paint spray and drying facility, which will double current capacity



The new painting and feedthrough assembly areas

Increasing overall capacity to meet rising demand

Global demand for MPE's filter and capacitor products has almost doubled over the past four years, with almost 70% of production now being exported to 28 overseas territories. To accommodate this and future anticipated growth, MPE is currently expanding its manufacturing facilities.

In late 2022 MPE began to implement the expansion. Completion is planned for December 2023 for the work to cover almost all areas of manufacturing, including assembly, capacitor winding, fabrication, inductor winding, painting and testing.

Three particular projects are in progress for the capacitor winding, feedthrough assembly, and paint spray and drying areas.

MPE manufactures its own proprietary feedthroughs, and demand within this area has greatly increased. Accordingly MPE is itself constructing a new and additional automated power line capacitor winding machine, scheduled to be operational by the end of August 2023 to double throughput in power line capacitor winding.

MPE is also fitting out a previously unused factory space, increasing the manufacturing footprint by almost 200m². This will allow all feedthrough assembly and test activities to be performed at a single location, not only increasing feedthrough production capacity but also improving workflow, to facilitate further manufacturing efficiencies.

The expansion includes installation of electrics and extraction equipment, installation of new assembly workbenches – sourced following consultation with MPE's feedthrough team – and investment in new assembly and test equipment. Production in the area is planned to start in August 2023.

The third project underway at present is the installation of a new paint spray and drying facility. Another previously unused area of MPE's plant is being renovated and adds a further 200m² of manufacturing footprint. Two modular spray booths have been installed, doubling MPE's capability there. A new drying room facility is also being built, which will equally double capacity. This is all set to come on stream in August 2023.

These wide-ranging manufacturing expansion operations will not incur a single day of lost production anywhere in the plant. This has been made possible by the detailed forward planning of MPE's manufacturing and production engineering teams and ensures that the company's present 97% on-time delivery rate is maintained.

Once completed, the work in expanding production capacity will ensure that MPE is scaled to accommodate a monthly output of up to £1.5 million.