



Company Bulletin

for EMC, EMP, HEMP & TEMPEST Protection

Issue 30



David Seabury – Managing Director, MPE Ltd

Record-breaking advances to meet world demands

2023 represents MPE's 98th anniversary year and, on a personal note, my 25th anniversary of working with the company. During my tenure there have been years with many highs, but 2022 has been without doubt the most memorable and successful 12 months of trading in all my time at MPE.

Overall revenue realised in 2022 was at a record level, with sales revenue increasing by 30% from 2021 and by some 90% since 2019. Key to this success in 2022 was the growth in MPE's EMP filter sales, particularly into the USA, with this EMP product sector increasing by some 65% globally.

Through 2022 we continued of course to experience the lasting impacts of the Covid pandemic, most notably affecting supply chains around the globe. Manufacturers including MPE saw significant material cost and lead-time increases, which made 'on-time in-full' deliveries more and more challenging to attain.

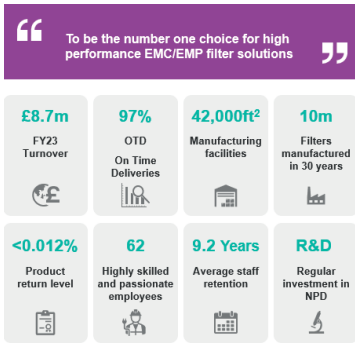
However, with careful analysis, forecasting, planning and utilising MPE's deep and established supply chain relationships, MPE was able to maintain lead-times and was very proud to achieve a 97% on-time delivery (OTD) rate over the year.

The passion and determination of MPE's dedicated and experienced team were crucial in maintaining these lead-times and OTDs. Furthermore, in the 7th year of our apprentice scheme and employing apprentices at every level from NVQ through to degree, we continued to ensure that the next generation of manufacturing talent is nurtured. Then MPE made appointments to further improve its expertise and experience in key areas.

In February, after four years with MPE, Marcus Wright was promoted to Manufacturing Director. Manufacturing was further augmented in July when Pam Draper-Parr was appointed to lead MPE's materials and procurement department. August saw John Hughes join the team as Engineering Manager, and in October Engineering was further expanded when Thomas Chau joined our design engineering team.

MPE's company philosophy has always centred on the quality and reliability of its products. Accordingly, in the third quarter of 2022, MPE's quality team was strengthened by the addition of Rob Williams as Quality Manager in October and recruitment of Paula Venn in a new quality assurance role in November.

Our entire team now possesses a well-balanced blend of youth and new ideas alongside rich experience and, with generous employment terms and conditions and many opportunities to progress internally, MPE's average length of service for employees increased to 9.2 years by the end of the year.



Large HEMP filters in production and assembly



In August John Hughes joined the MPE team as Engineering Manager



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MPE's Manufacturing Director Marcus Wright congratulates Pat Beach on her long service at the company

Of course, as naturally occurs, in 2022 we had to sadly say goodbye to some highly appreciated, long-serving personnel. Most notably, Pat Beach retired in December after 31 years of dedicated and unstinting service on our Manufacturing team.

Technology-wise, MPE continued its onward and upward trajectory of continuous development. Two new patents for MPE's novel varistor technology were granted in the USA and, in the last quarter of the year, MPE had new HEMP filter designs independently tested as compliant to the latest Mil-Std-188-125-1A.

Finally, as the year was closing, MPE was proud to achieve the first Underwriters Laboratories (UL) certification for its filter designs.

In 2022 I was delighted to see MPE and its team again recognised by our peers and the judging panels within our industry sectors. MPE company director Paul Currie received the Inspiring Leader award as one of the Top 100 Alumni for 2022, determined by the judging panel of The Manufacturer magazine. MPE was runner-up in the International Trade Award category at The Manufacturer awards and then warmly applauded as the outright winner of the Innovation in International Trade Award at Insider Media's North-West International Trade Awards. As always, such accolades represent a great testament to the efforts of the entire team at MPE.

In another first, following a tremendously successful year of activity, Euromip, MPE's distribution partner for France, rose to Platinum partner status for 2023. Now in the 7th year of our distributor partner program, this is the first time that any MPE distributor has been elevated to the top tier Platinum award, an indicator to show that Euromip and MPE are in great shape to further build their business in France in the time ahead.

Also looking forward, MPE secured its first significant project win from Australasia, with an EMC project for installation in New Zealand representing MPE's single largest project of the year. Since MPE is also due to deliver a large project order to Australia in early 2023 – and MPE solutions integral to the design of the new Type 26 frigate are being exported to Australia – MPE's business across that territory is really set to flourish in the near future.

To accommodate and sustain the significant growth we experienced in 2022 – and our anticipated further growth over this decade – we have also been busy expanding our manufacturing facilities. Substantial investments have been made in plant and machinery, whilst 2023 will see new painting and paint drying equipment brought on stream, as well as the relocation and rationalisation of other activities in manufacturing.

So, in summary, with record levels of business, new patents granted, new product ranges launched and our team expanded, not only was 2022 another record-breaking year, but MPE is certainly in the best possible position as we look forward to our centenary.



**Underwriters
Laboratories**



Low-leakage TEMPEST filter solutions from MPE are integral to the design of the new Royal Navy Type 26 frigate