

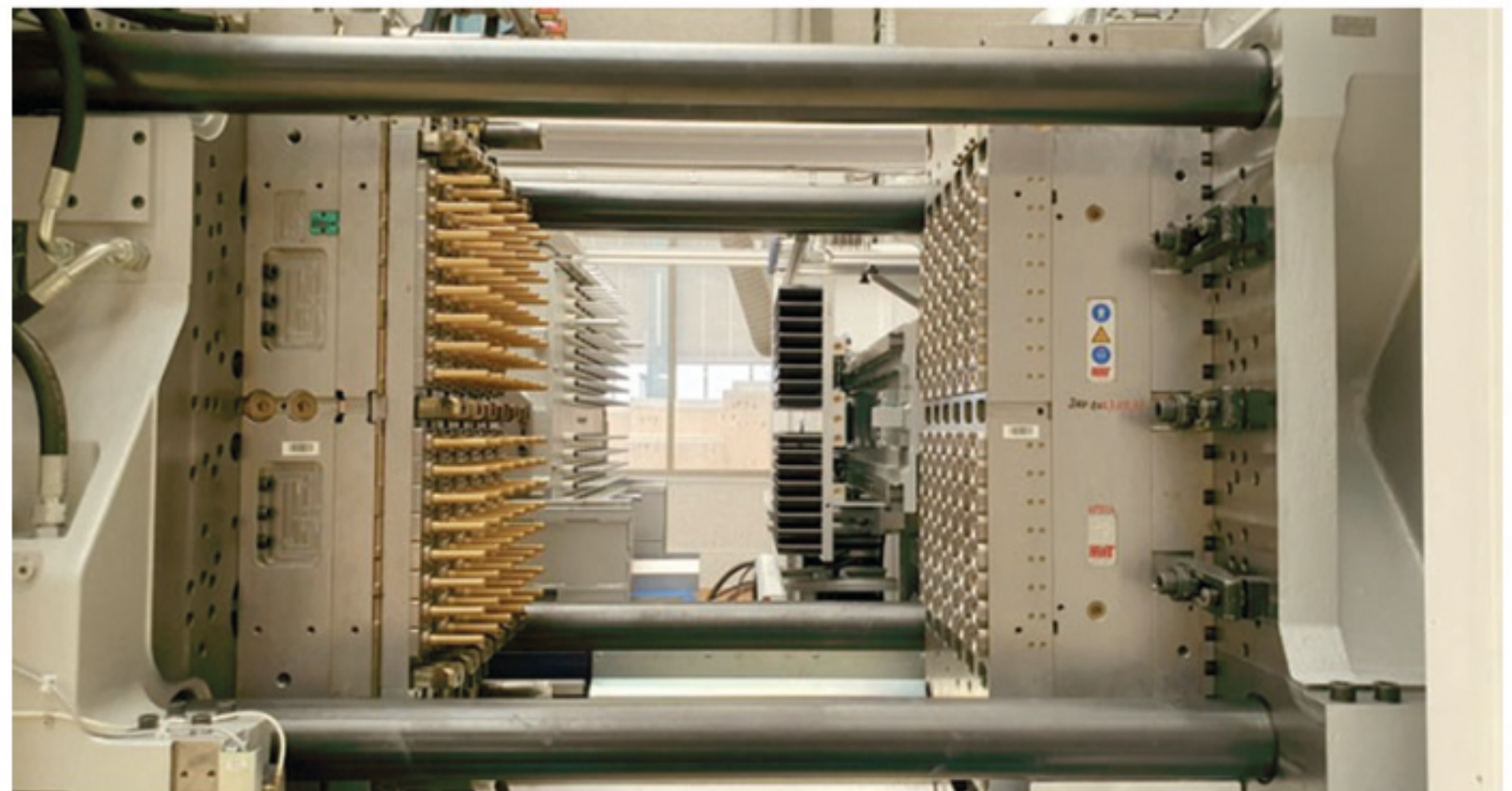
96-cavity mould from Engel to Netstal

Converting mould

The faster the preform production, the more yield. The more durable the mould, the more the investment makes sense. This is even more the case if the tool can also be used on another machine. MHT Mold & Hotrunner Technology AG converted a 96-cavity mould from an Engel system to Netstal for Deltaplast, a Hungarian preform manufacturer, saving three seconds of cycle time.

MHT manufactures high-cavity preform moulds for all PET lines on the market. The company has the expertise to adapt moulds from one machine type to another. MHT's 96-cavity tool has been running reliably on an Engel macPET 330 at Deltaplast (Kecskemét, Hungary) since 2015. When this preform manufacturer purchased a Netstal PET-line 4000 Side Entry model, it was worthwhile to rebuild the mould after 6.5 million cycles. Mr Zsolt Csengery, Deltaplast's Chairman of the Board, commented: "We are happy to have MHT as a partner who not only supplies us with top moulds, but is also able to support us with special orders like this."

MHT has a wide range of adapter kits that can be used to convert moulds from one machine generation, machine brand or clamping force size to another. In some cases, it makes it possible to produce with more cavities after a conversion, with its upgrade kits.



In this particular case, MHT used an adapter set for the cold side and reconstructed the hot runner. MHT builds its own hot runners. The preform post-cooling (Post Mould Cooling) was brought up to date in Hochheim/Main, Germany. It includes a new removal plate as well as the patented CoolMax cooling solution, which combines the cooling and preform removal functions. CoolMax

directs air flow efficiently to the thread and preform body, thus saving cycle time. The 96 preforms at Deltaplast are now produced three seconds faster than before. The long-term use of PET moulds is not only financially attractive, it also reduces CO₂ emissions, which is increasingly important in all areas of plastics processing.