MHT MOLD & HOTRUNNER
TECHNOLOGY AG

All-round Service

MHT – Total Service

We manufacture PET preform molds for a variety of machine types. This ensures a high degree of independence, and we place a correspondingly high level of priority on after-sales service – an essential factor in maximising quality and availability for MHT molds throughout their lifetime.

Our commitment does not end after mold delivery – as your partner, we will keep on providing reliable support afterwards. We supply the best possible intensive, active and direct support in a plan covering after-sales and mold service. This mainly includes the following:

- Inspection
- Maintenance
- Repair
- Conversion
- Troubleshooting
- Fault remedy
- Process optimisation
- Training

This is how we at MHT provide capable and reliable service to ensure sustained success in terms of efficiency, availability and cost.

People
for Plastics.

MHT – Mold Service

Presence and know-how for productivity

Our MHT mold service will keep each of your molds compliant with its specific requirements, and its performance up to the required standards in the long term.

New molds

Our capable customer service experts will support you from installation to start-up, with services including but not limited to:

- Dimensioning, such as in interface determination
- Technical clarification
- Application and product consultation
- Mold start-up
- General and application training

Mold refurbishment

Sooner or later, your mold will need to be thoroughly refurbished depending on service life and state of wear. Our experts provide specialised after-sales service over the lifetime of your mold towards detecting production-related wear and avoiding downtime wherever possible. We perform refurbishment and repair services on molds from MHT and other manufacturers using predefined standard packages or custom packages set by you. Our services apply to:

- Hot halves
- Cold halves
- Take-out and post-mold cooling devices

Mold conversions

We restore MHT molds to their original performance, convert them for new requirements and even increase their performance with the corresponding conversions. We provide conversions for molds from MHT and other manufacturers. This includes changes to product design such as:

- Weight changes
- Thread changes
- Contour changes
- Weight optimisation (MHT*save*BASE, MHT*21*LIGHT)

Retrofit kits

- Upgrade to Vulcan II
- Adaptation to other injection molding machines
- Optical part detection (light barrier with a transmitter and receiver)

Our MHT mold service is available in Germany as well as at our locations in the US and Brazil, and of course on-site at your own premises.

MHT – Training Services

More knowledge, more safety, more value

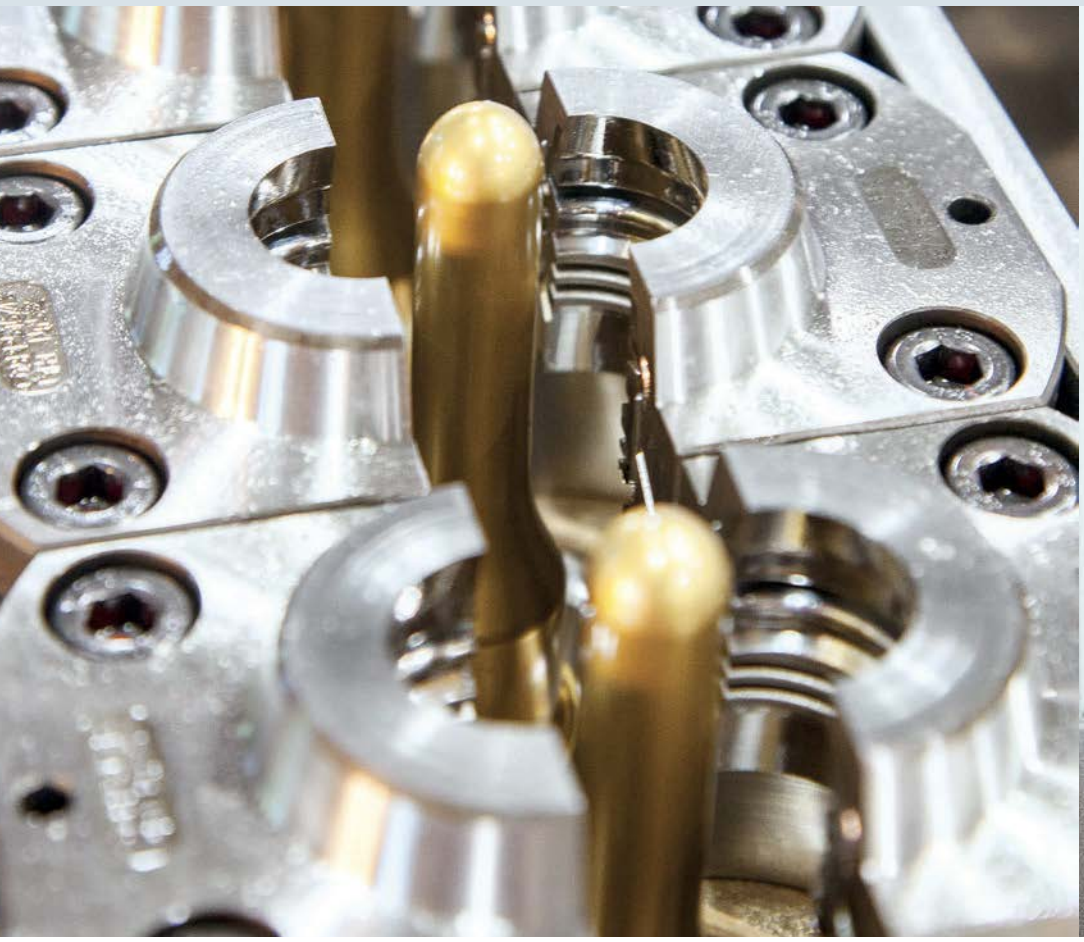
Our real-life training opportunities will equip your staff with the knowledge and skills they need to handle our molds safely in typical production situations from operation to maintenance and servicing.

This knowledge will place your employees in an ideal situation to avoid unnecessary downtime and increase your machine efficiency by taking targeted action.

We provide training either at your premises or at MHT in the following areas:

- Fundamental knowledge in mold design to take-out plates to post-mold cooling devices
- Basics in PET hotrunner technology and functionality
- Maintenance and servicing for PET hotrunners and the movable cold half
- Product training (such as Vulcan II)

Our training programs are modular in content structure to make the best of our training service range for your staff, providing specific training packages to match your actual requirements in actual production environments.



MHT – Workshop Centre

We'll take care of your mold

Our workshops in Germany, USA and Brazil are available for all MHT after-sales services such as repair, conversion and refurbishment.

In addition to that, our central location at Hochheim in Germany is equipped with testing capabilities. We have a SACMI injection molding machine for mold testing from 48 to 96 cavities (48 to 128 from 2018), plus two additional Krauss-Maffei machines for 2-cavity and 4-cavity pilot preform production.

MHT – After-Sales Service

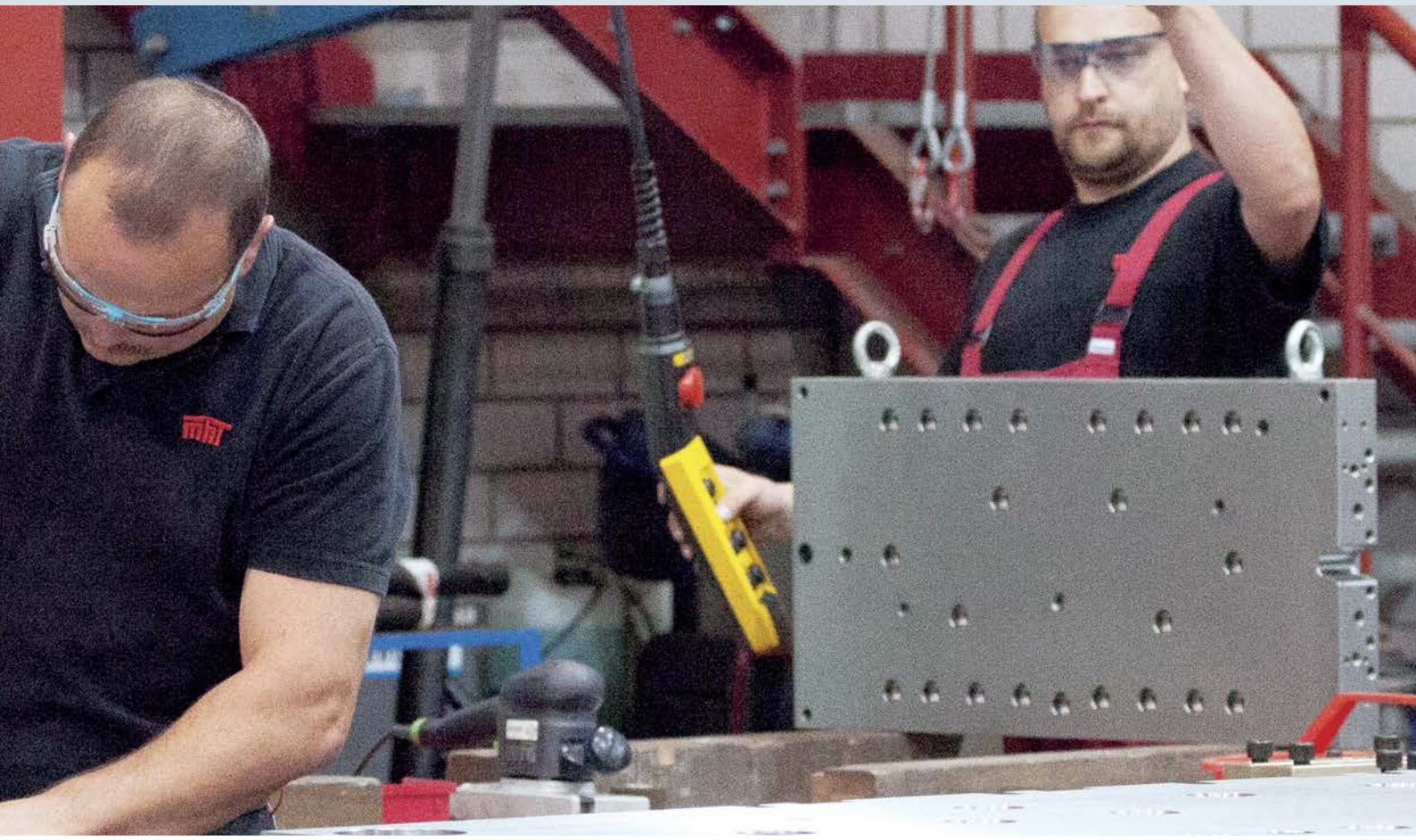
Always the right part at the right time

Whether performing maintenance or upgrading, we know how important it is to provide the correct parts with a quick delivery time. This is why we at MHT always keep the necessary parts for all of our molds, no matter how old they are. You can rely on the highest quality, precision and reliability that they provide.

This applies to small parts as well as parts subject to wear.

We produce most of our parts at our headquarter in Germany. Bought-in parts for MHT molds are manufactured to our exact specifications and are subjected to stringent quality control.

MHT parts are available all over the world – always wherever they're needed. Our logistical system assures timely delivery from our warehouse or rapid production, and we also offer bespoke stockpiling options to the exact specifications of your molds.



After-sales parts

Our high-quality original parts play an essential role in productivity and availability in our customers operations and mainly include:

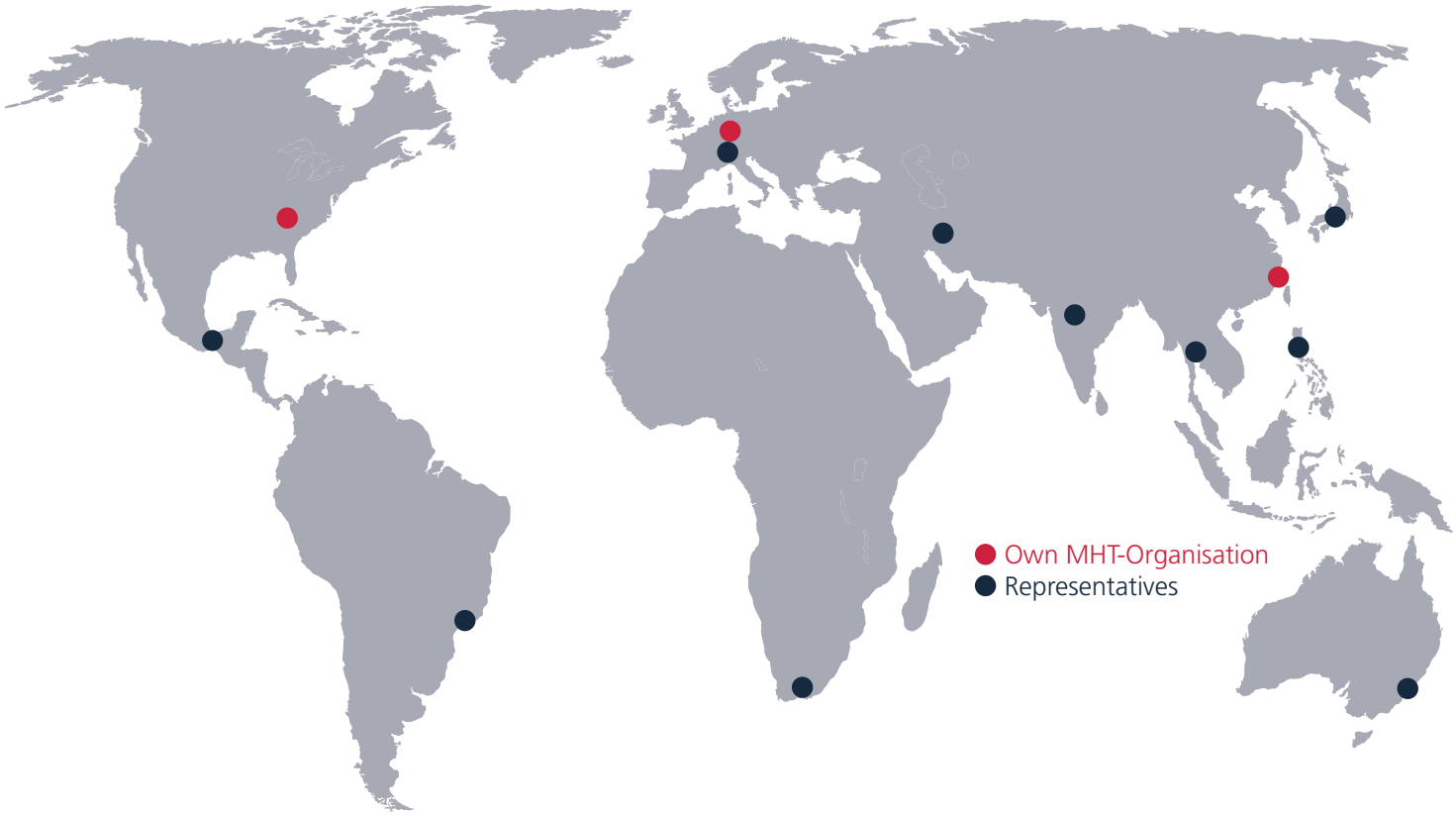
- Stock items for hotrunner replacement parts:
  Nozzle tips, nozzle-tip insulators, valve stems, pistons and o-rings, nozzle housings and valve bushings, nozzle and sprue heaters, and thermocouples.
- Manufactured parts for form inserts:
  Gate inserts, cavities, cavity wear rings, neck rings, cores, locking rings, core cooling tubes, grippers, and cooling tubes for take-out and post-mold cooling devices
- Manufactured parts for guiding elements:
  Gibs, opening and closing cams, wear plates
- Parts for mold shoes or slide frames

MHT – Worldwide

Our experts at your side

We are always in your neighbourhood with five MHT production and service locations in Germany, USA, Brazil, India and Thailand as well as a worldwide network of partners available to address any molding issues quickly and efficiently.

Our experienced service team will support you from preform development to series production, and our highly qualified MHT technicians will support you and your mold start-up and any other technical matters after that.



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