



Project analysis

In communication with the customer, we study their needs and propose the best machine and configuration solution.

Machine design

We first develop a design based on the information gathered with the customer. After approval, we create 3D models that simulate the installation in detail.

Manufacturing

Our machines are assembled under the most demanding quality standards. The machining and grinding of structural pieces is verified and monitored at every step to achieve a top quality product. All components are assembled following protocols designed by our quality department.

Verification

All our machines are tested together with the end customer at our facilities and before shipment.

Commissioning

In the final phase of the project, experienced specialists carry out the installation, commissioning and final verification of the machine at the customer's premises.

Providing a customised service is our hallmark

Technical support

Our specialists and engineers are always available to help with any needs you may have. Whether it is maintenance of our milling machines or finding a way to improve processes, we will be happy to help.

Providing a customised service is our hallmark; it drives us to keep on improving and finding solutions that position us at the cutting edge of the industry. Such as our Remote Service, which we use to resolve operating issues instantly and remotely.

Spare parts in stock

We have the necessary spare parts in stock to provide a fast, immediate service. Therefore our customers can keep on working with the peace of mind that comes from having their equipment performing optimally with verified parts.

Milling head maintenance

We have specialists and state-of-the-art resources to maintain and repair our MTE milling heads. Once the heads have been repaired, they are tested on our test benches before being sent to our customers.

Milling head replacement and rental

To avoid machine downtime as much as possible, we offer a milling head replacement and rental service. We have all the range of MTE milling heads available for if a head is being repaired or there is a one-off need.

MTE Milling heads

Designed for each application



MFK Manual milling head

Index: Manual



SFK Automatic milling head

Index: Hirth coupling
Shaft B 0,001° / Shaft A 0,001°



AFK Automatic milling head

Index: Hirth coupling
Shaft B 2,5° / Shaft A 2,5° (opción 1°)



OFK Orthogonal milling head

Index: Hirth coupling
Shaft B 1° / Shaft A 1°



BFK Automatic milling head

Index: Hirth coupling
Shaft B 0,01° / Shaft A 0,01°



HFK Direct output

Rod length: 225 - 500 mm
Outside diameter: 198 mm



CFK Turning head

Tool holder for CAPTO C5 / C6 / C8
Automatic tool clamping in horizontal and vertical positions



Taper: SK-50 DIN69871 Big Plus®

Pool stud: ISO7388 2A

MTE Technologies

Finding solutions positions us at the cutting edge of the industry

Advanced Rotary Table Management



In machines with a pendular working mode, it enables the manipulation of rotary tables in parallel. Including cycles developed by MTE to find centre of rotary tables and plane displacement.

Advanced Tool Management



System designed for safe access to the tool magazine. Enables handling of stored tools during the machining process to maximise efficiency.

Tool Center Calibration



Cycles developed by MTE to optimise small head compensations. In combination with a probe and precise hardware, the machine is capable of self-calibration.

ECO mode



This technology avoids waste of energy, thereby achieving greater efficiency and helping the user to meet their environmental targets and reduce cost in the process.

Remote Service



In order to provide support and reduce costs, this solution enables secure and direct remote access to the machine, via a physically switchable VPN tunnel.

Automatic Head Changing system



Stored in a closed station the heads are automatically exchanged according to the needs of each application. These cycles are exclusive for SB and FBF machines.