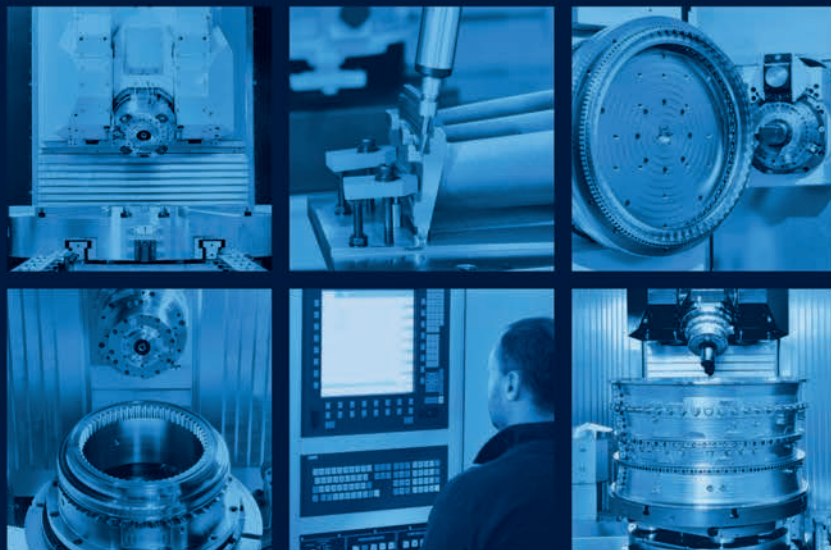
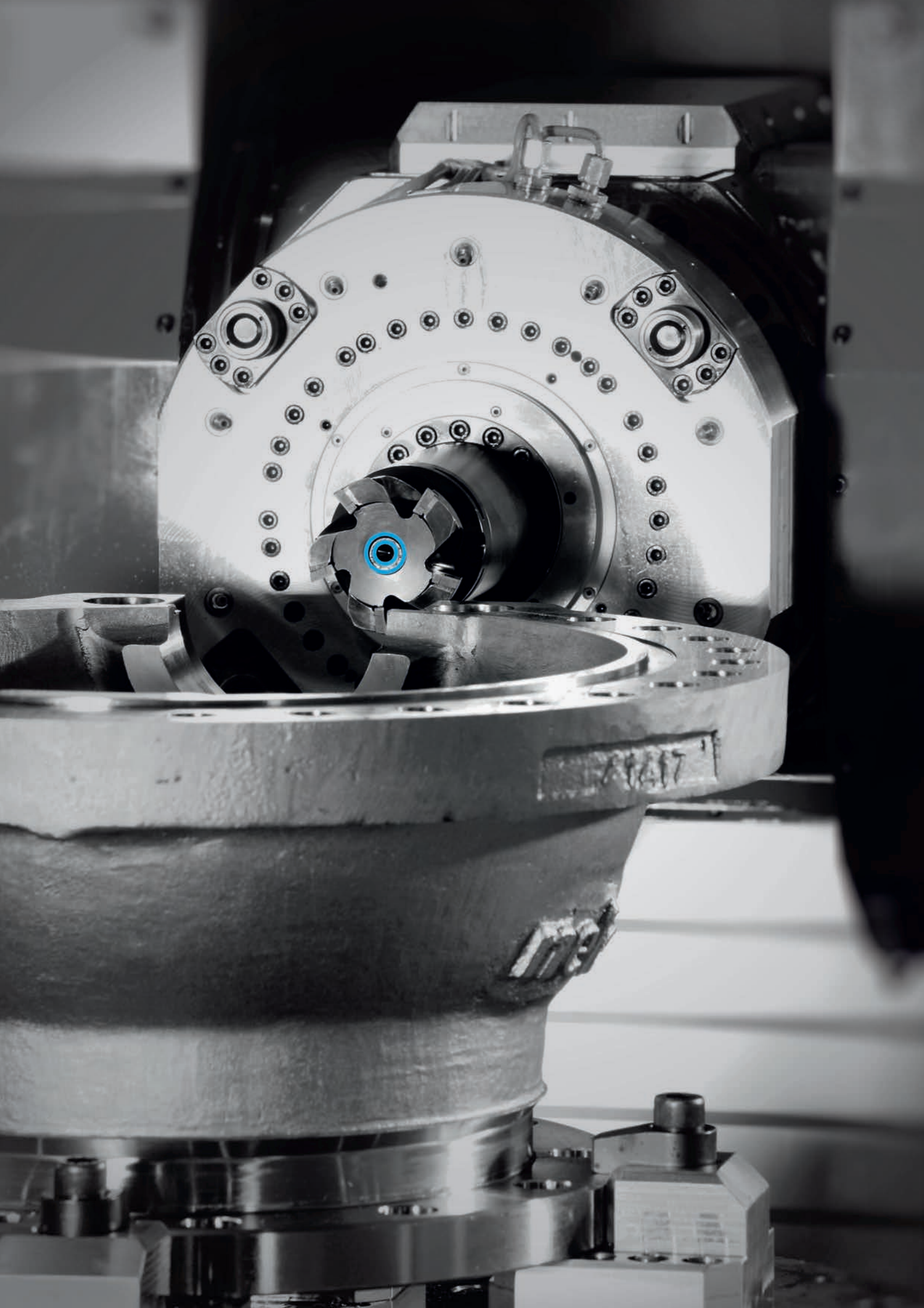


COMPANY  
PROFILE



MACHINING CENTERS MANUFACTURING







competence  
in **flexible**  
manufacturing



excellence  
in **smart**  
manufacturing





COMPANY

**DESIGN  
THE FUTURE  
AND TURN IT INTO  
TRADITION**





# INNOVATION IN TRADITION

**MCM represents the perfect union  
of future and history**

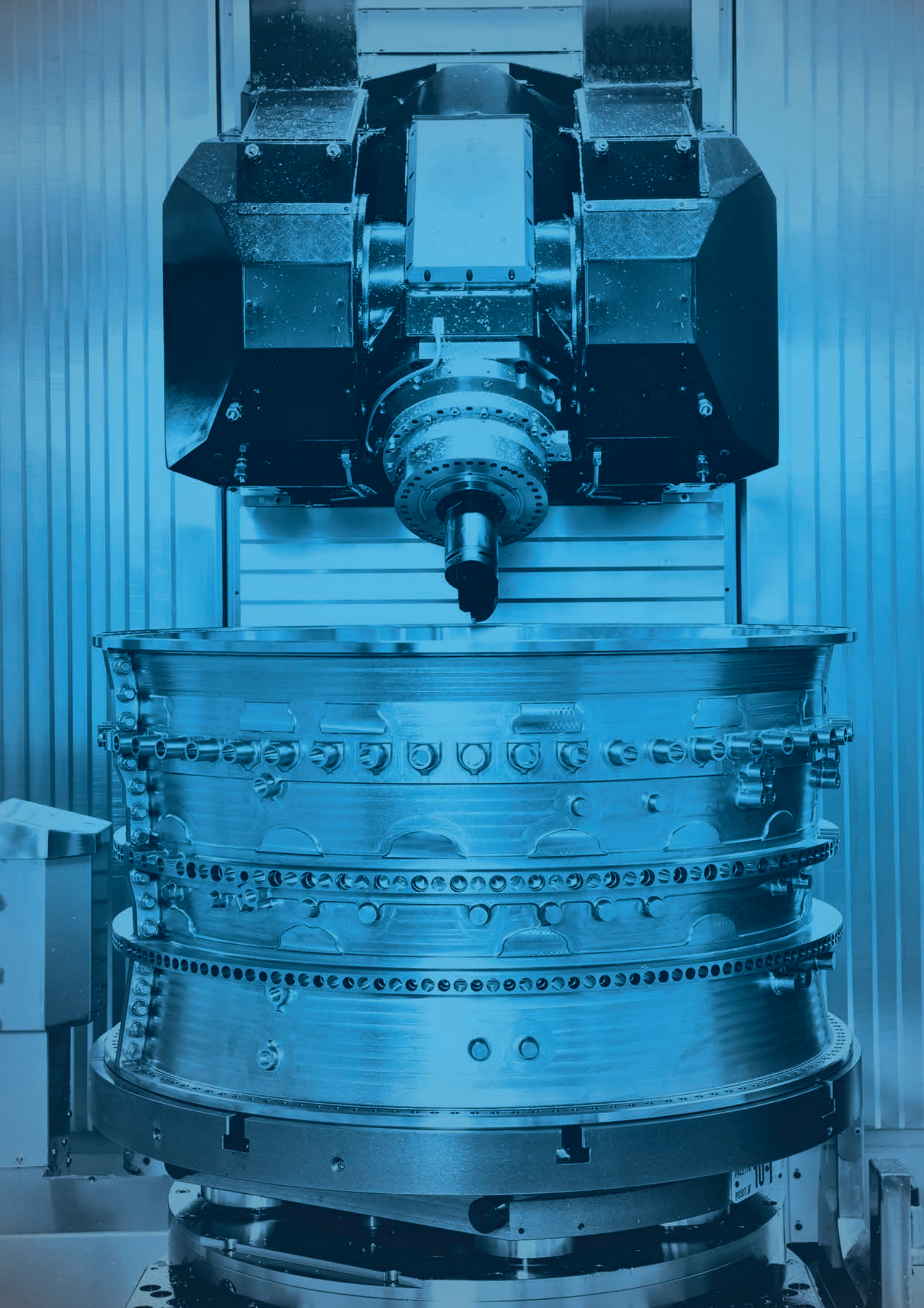
**MCM machining centers Manufacturing** is a leading company in designing and manufacturing high precision machining centers with dynamic performances, and flexible automation systems.

MCM was established in 1978 in the most industrialised Italian district for machine tools manufacturing. The company has grown over the years thanks to the acknowledgement gained on worldwide markets, with a

large portfolio of international companies primarily active in the **Aerospace, Automotive, Industrial, Energy, Oil & Gas and Defense**. A long-term cooperation with schools and universities allowed the company to rely on excellent know-how and expertise.

The corporate size, policies and structure are focused on offering **solutions that can fulfill customers' requirements, making MCM a reliable partner.**





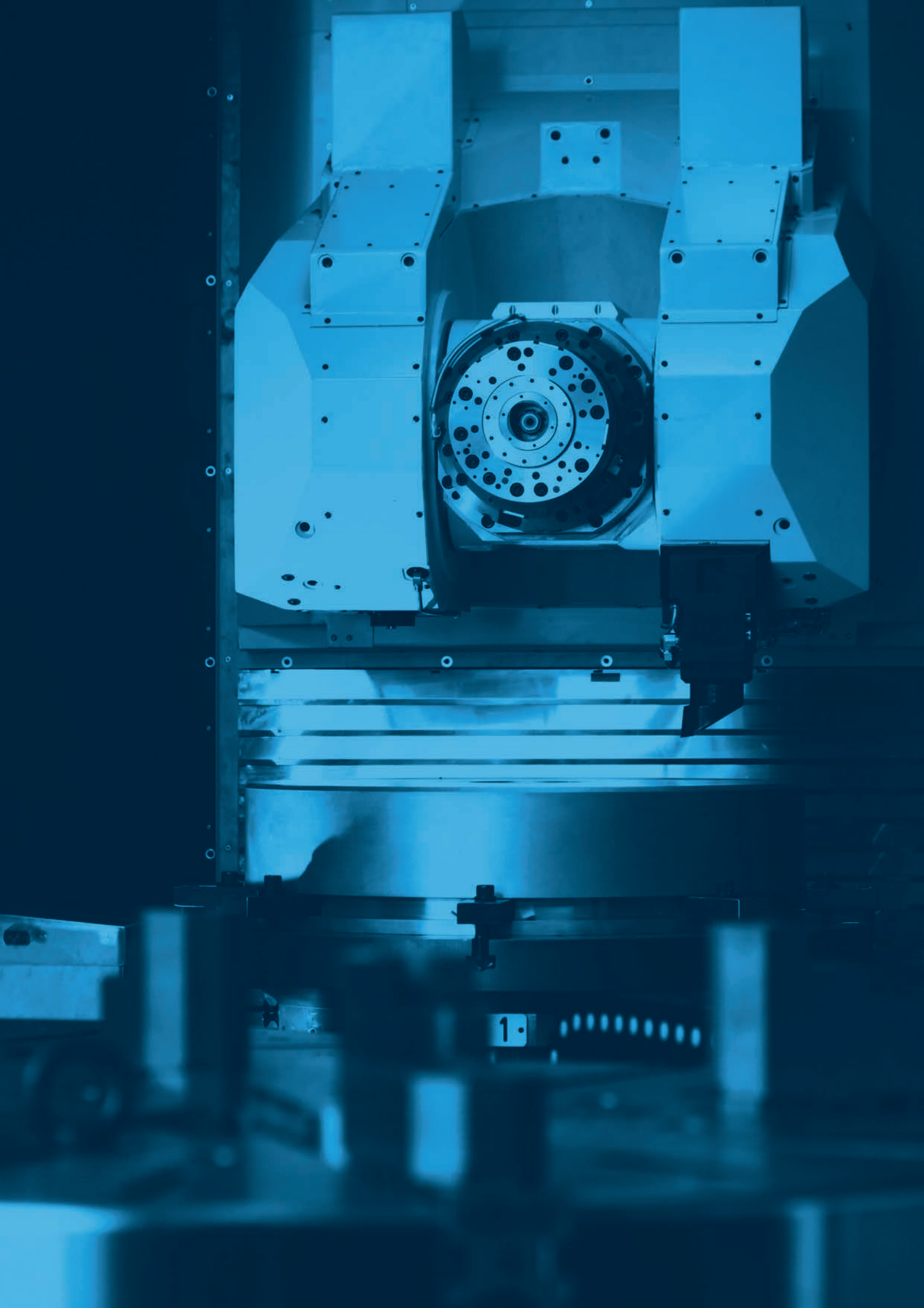


# OVERALL KNOW-HOW

**Specialised teams supporting the  
customer: expertise is our strength**

The commitment to be attentive to customers' demands, the talent for building a partnership and the strong attitude to create and **reinforce the know-how**, allowed MCM to develop technological, designing and manufacturing skills, which are reflected in a wide range of products.

One of MCM strengths consists in its strong drive for **continuous research and innovation**. The most defining characteristic that has lead MCM to success is the widespread know-how and the ability to provide specific and suitable solutions to customers' requirements.





# TECHNOLOGY & RESEARCH

**MCM invests in innovation projects  
and unique solutions**

MCM is investing substantially in present and future research and development. The constant involvement in taking part in technological innovation projects and the close cooperation with universities and research centers are the core elements for a steadily growing know-how.

The research fields are identified by listening and interpreting customers' needs. The inclination to acquire specialized know-how allows MCM to have its own design solutions and manufacturing technology for all of the major components of its product line.





PRODUCT RANGE

**A GLOBAL  
SOLUTION  
WITH ONE  
PARTNER**





# INTEGRATED PRODUCTION PROGRAM

MCM is specialized in designing and manufacturing integrated production systems, with the cornerstone of its solutions based on top-of-the-line machining centers. Its complete and structured product line enables the customer to develop complex projects with just one experienced and reliable partner.

This philosophy provides many competitive advantages to customers: real and effective co-engineering processes, fast start of production, highly efficient and flexible FMS, extension of the production system life-cycle.



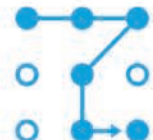
MACHINING  
CENTERS



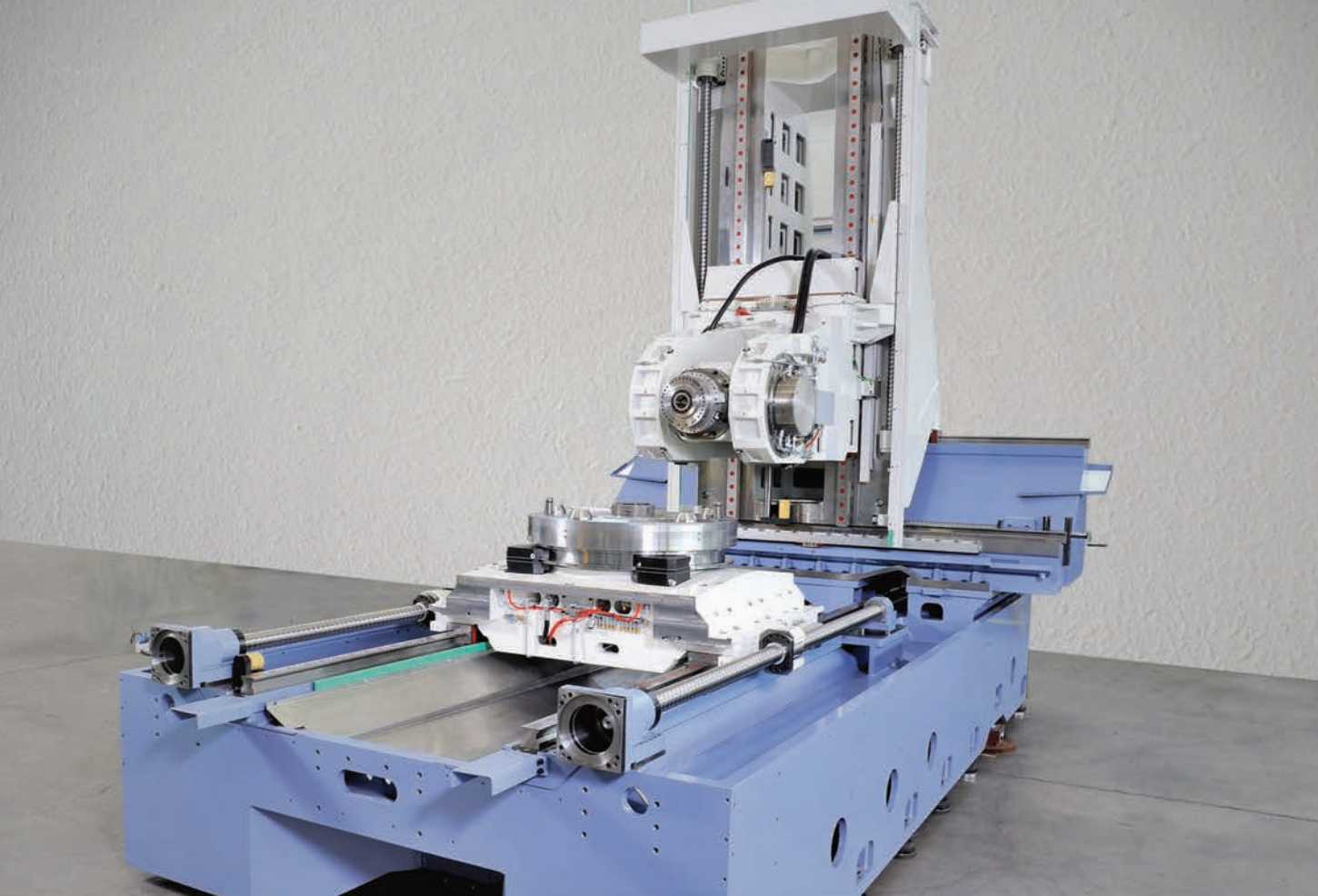
FLEXIBLE  
AUTOMATION



SUPERVISING  
SOFTWARE



MANUFACTURING  
TECHNOLOGY



## MACHINING CENTERS

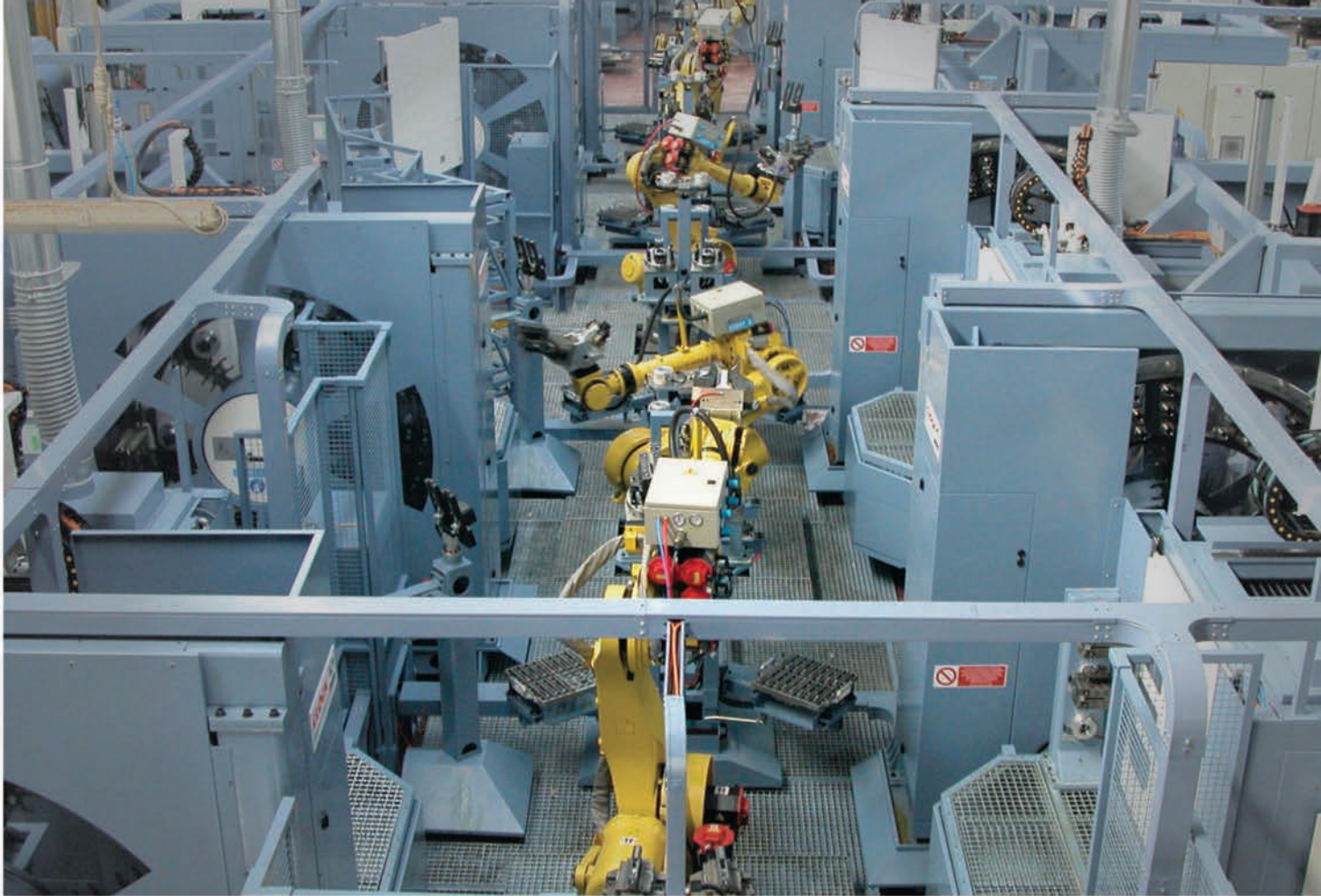
A high performance  
complete product line



The MCM range of 4-axis and 5-axis horizontal machining centers is designed to ensure the best possible performance without compromise: high rigidity, precision, outstanding dynamic performance, reliability. All the basic components that guarantee these performances are manufactured according to MCM design and technologies. The machines

operative modes are always managed by the supervising software, exclusively developed by MCM, which grants an excellent production efficiency when integrated with the machine NC. The whole range of machining centers is designed to be combined with multitasking solutions: milling, turning and grinding.



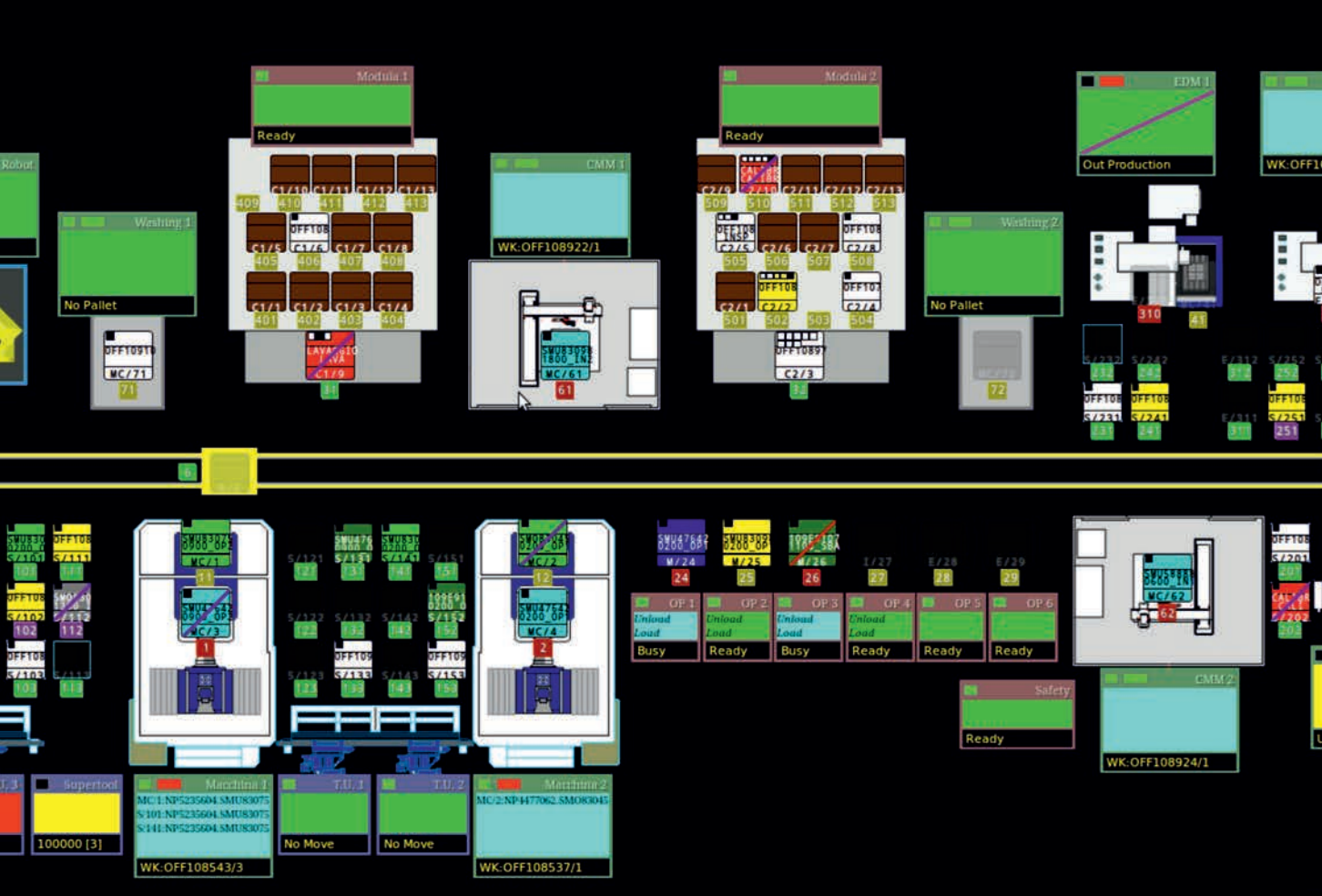


## FLEXIBLE AUTOMATION

Systems and solutions for FMC and manufacturing lines automation

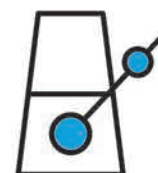
MCM manufactures with a specific design a complete range of automation elements for FMC and FMS to handle workpieces, pallets and tools. Specialised teams of engineers and experts are highly talented to design solutions adaptable to any possible requirement. With the Software Development

Department MCE all of the manufacturing systems are managed by a MCM software, that provides excellent performances. These software platforms can guarantee reliability and efficiency to the operation system, actively supporting the production scheduling.



## SUPERVISING SOFTWARE

The Software Development Dept. MCE develops supervising software for manufacturing planning and managing.



Besides the FMS supervising software, MCM, through its MCE division, also offers a range of software services in support of the manufacturing process, achieving the centralized coordination and management of the entire shop floor. Production planning, advanced monitoring of production resources, integrated management of process and quality control information are all services that offer a strategic feature to the customers' manufacturing systems.

Combined with the other MCM products, the MCE software services allow to increase system productivity, plan necessary resources and improve timing of delivery schedule. Moreover, these benefits include a higher system availability, the exploitation of the production flexibility without losing efficiency, tracing the execution and calculating production costs of each component, thus contributing to a modern management of the shop floor.





## MANUFACTURING TECHNOLOGY

MCM supports the customers in design and development of manufacturing process

MCM wide knowledge and experience in manufacturing technology is available for the customers to support them from the training of their engineers, to the design, development and validation of the entire manufacturing process. The assistance offered to the customer consists of

process design, FMECA analysis, design to capability, fixture design, defining tool specifications, part-program, CAD/CAM technology, process set-up, statistical and reliability evaluations.





# MCM'S ACHIEVEMENTS: OUR CUSTOMERS





## AEROSPACE



- AIRBUS – EADS
- AIRCRAFT PHILIPP Uebersee
- ALENIA AERMACCHI
- AGUSTA WESTLAND
- AVIO
- CAUQUIL
- CASTILLA Y LEON AERO
- CESA
- CHINA AVIATION INDUSTRY
- COMEAR
- COUSSO
- DASSAULT AVIATION
- ESKULANAK Groupe Lauak
- AIRBUS HELICOPTERS - EADS
- FAMAT
- GENTILIN
- GOODRICH
- ACITURRI METALLIC PARTS
- ITP
- LATECOERE
- MAGNAGHI AERONAUTICA
- MECAFI
- MESSIER BUGATTI DOWTY - SAFRAN
- MTU München
- PMB Maschinenbau - Aircraft Philipp Karlsruhe
- PREMIUM AEROTECH - EADS
- GOIZPER
- SECONDOMONA
- SAFRAN AERO BOOSTERS
- SAFRAN AIRCRAFT ENGINES
- SAFRAN HELICOPTER ENGINES
- WAFRAN LANDING SYSTEMS
- SAFRAN NACELLES
- SAFRAN TRANSMISSION SYSTEMS
- SHENYANG AIRCRAFT
- SOGERMA - EADS
- SONACA
- ST. JEAN AERO
- WATTEEUW - BMT
- GE-AVIO





## AUTOMOTIVE

- ASSO WERKE
- BREMBO
- CIE COMPIEGNE
- DIVERSIFIED MACHINE Inc.
- FERRARI AUTO
- FIAT
- FPT POWER TRAIN
- GILARDONI
- INFRABEL
- ISOTTA FRASCHINI
- IVECO
- LAMBORGHINI AUDI
- LA.ME.S.
- MAGNETI MARELLI
- MMS Marine Motor Service GmbH
- MOTO GUZZI
- MOTORI MINARELLI
- PSA PEUGEOT CITROEN
- SANTANA MOTORS
- SATA Gruppo FIAT
- STREPARAVA
- TM RACING
- VM MOTORI (DAIMLER CRYSLER)
- VOLVO
- TEKSID



## INDUSTRIAL



- AGCO
- BCS
- CARRARO
- CASE Agriculture
- CNH
- GIMA - AGCO

- HDM – LAFORGE LLC
- LANDINI
- LIEBHERR Hydraulikbagger
- LOMBARDINI
- MATROT
- McKORMICK

- OMSI Transmission
- V. ORLANDI
- SAME-DEUTZ-FAHR
- GNUTTI
- BREVINI
- CUCCHI

- FRASCOLD
- INTERPUMP
- LENZE
- REFCOM
- SITI



## ENERGY, OIL & GAS



- ALSTOM
- AREVA T&D
- BHEL
- CAMS

- DAFRAM
- DEMONT
- FBFC - AREVA
- HAL Automotive Plauen

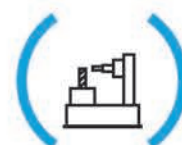
- L.M.B.
- RBDH
- SIEMENS AG
- THÖNI Manufacturing

- WUXI - AREVA
- GE – Oil & Gas





## MACHINERY, TOOLING AND DEFENCE



- BIGLIA
- BLM Group
- BETTINELLI
- KBA Modling
- FOM
- ME.CA.L.
- SANTONI
- SCHNEEBERGER
- SCM Group

- BENELLI
- BERETTA
- CAESAR GUERINI
- FABARM
- PEDERSOLI
- PERAZZI
- RIZZINI
- SARSILMAZ SILAH
- A.M. STAMPI

- AUTOMOTIVE LIGHTING
- BOBST
- ELIO ZAGO
- EUROSTAMPI
- HOSOKAWA Alpine
- MECAMOLD
- METRA VERRE
- MGI
- MOULIN

- OMMP
- PET ENGINEERING
- PHOENIX
- SIDEL
- SMI
- MECCANICA STM



## INDUSTRIAL COMPONENTS

- ARON
- BIMA
- BREVINI HYDRAULICS
- BUCHER HYDRAULICS
- CASAPPA
- EURO PRESS PACK
- GALTECH

- HYDROCONTROL
- METALWORK
- OIL CONTROL Rexroth  
Bosch Group
- OLEOMEC
- OLEOSTAR
- SAIMU

- SAUER DANFOSS
- WALVOIL
- TERMOMECCANICA
- THÖNI Manufacturing
- VAT
- TEKSID
- INTERPUMP HYDRAULICS

- VAT
- BONFIGLIOLI
- CASAPPA Pumps Division
- HP HYDRAULICS
- POMPE TRAVAINI
- ROSSI Motoriduttori







MCM WORLDWIDE

**A GLOBAL  
PARTNER  
ASSISTING  
THE CUSTOMER**



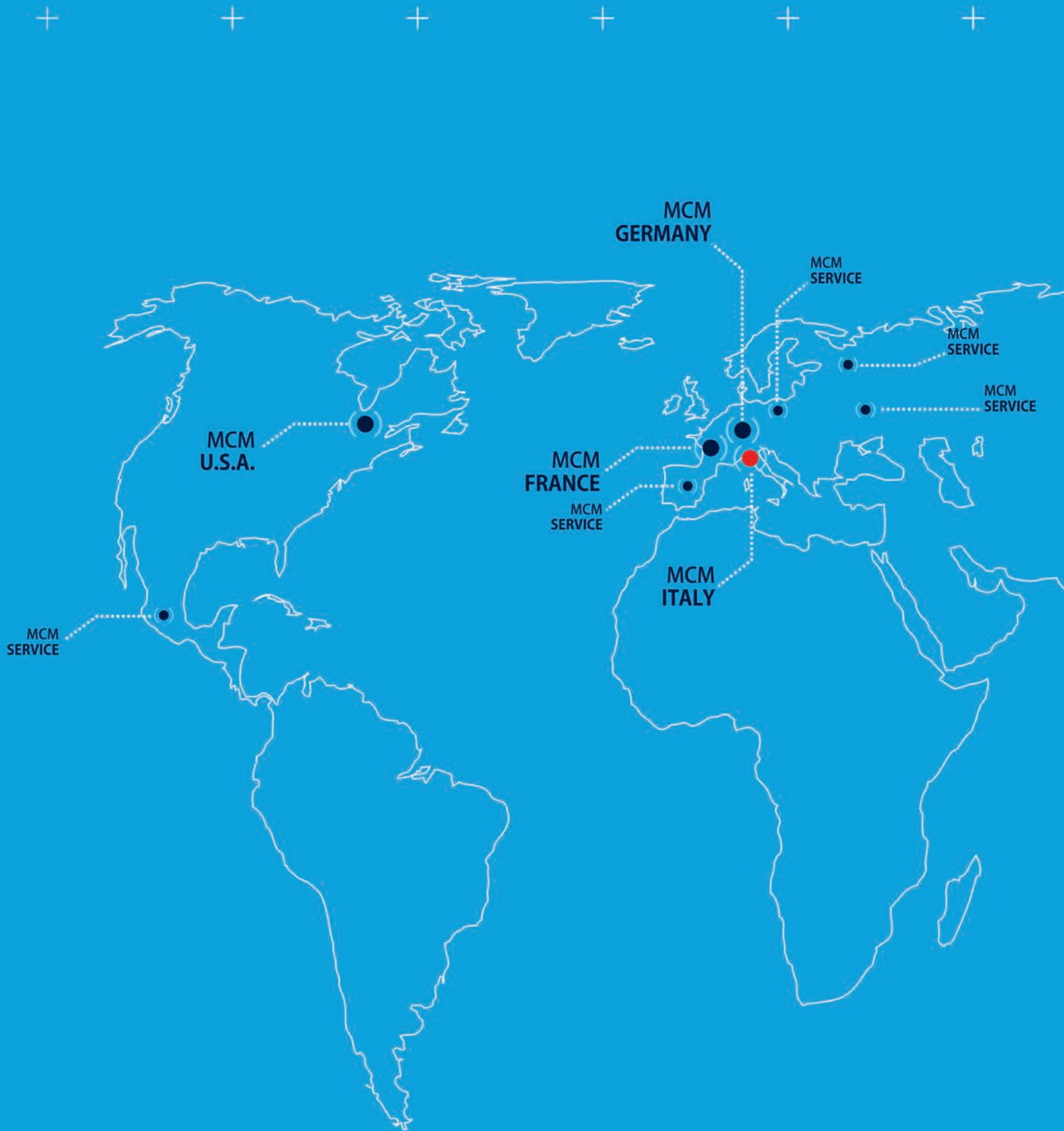


# SERVICE

MCM guarantees an efficient service  
with a global presence and teams of skilled engineers

MCM worldwide subsidiaries are available to support and serve all the reference markets, offering a direct after-sales assistance. All the services are conceived around the idea that the true value of the manufacturing systems is based on their full availability and efficiency during the entire life-cycle. A team of qualified engineers can perform a quick and

effective problem solving by using a wide range of operating tools: remote diagnostic, preventive and extraordinary maintenance service, system efficiency inspections and spare-parts full availability. MCM offers complete and individually designed training courses that significantly enhance a higher productivity of installed machines.





MCM WORLDWIDE



**AT YOUR SIDE  
ANYTIME,  
ANYWHERE**



## MCM ITALY

Headquartered in Italy, MCM operates all over the world with service subsidiaries located in France, Germany, USA and China and has established a network of local partners in Spain and Russia. A global managing network guarantees the availability of technical documents and information, allowing the real effectiveness of the service.



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# COMPANY PROFILE

DESIGN THE FUTURE AND TURN IT INTO TRADITION  
innovation in tradition  
overall know-how  
technology & research

A GLOBAL SOLUTION WITH ONE PARTNER  
INTEGRATED PRODUCTION PROGRAM  
machining centers  
flexible automation  
supervising software  
manufacturing technology

MCM'S ACHIEVEMENTS: OUR CUSTOMERS  
aerospace  
automotive  
industrial  
energy oil & gas  
machinery, tooling and defence  
industrial components

A GLOBAL PARTNER ASSISTING THE CUSTOMER  
service

AT YOUR SIDE ANYTIME, ANYWHERE  
MCM addresses

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\_ MACHINING CENTERS  
\_ FLEXIBLE AUTOMATION  
\_ SYSTEM INTEGRATION  
\_ SUPERVISING SOFTWARE  
\_ MANUFACTURING TECHNOLOGY  
\_ SERVICE

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