



**ENGINEERING & SOLUTIONS  
FOR PRECISION MACHINING**



- French industrial group in precision mechanics
- 50 years' experience
- 10 family-run SMEs
- 5 production sites & 1 subsidiary in Switzerland
- 200 employees



**MANUFACTURER** *INTEGRATOR*  
*DISTRIBUTOR* **REPAIRER**

TO **SUSTAINABLY OPTIMISE** YOUR  
**MACHINING PROCESSES AND STRATEGIES**



## **PROJECT ENGINEERING**

*Supporting you* at every stage of your simple or complex machining project



## **FOR SUSTAINABLE MACHINING**

Improve, optimise & modernise your *machining processes & strategies*





## SUSTAINABLE INDUSTRY

DRY MACHINING • GREENCUT • UPCYCLING



### SPINDLES & ELECTROSPINDLES

DESIGN • MARKETING • REPAIR



### STANDARD & SPECIAL CUTTING TOOLS

DESIGN • MANUFACTURE • RECONDITIONING



### TOOLING & FITTINGS

ELECTRO-EROSION • PRECISION MECHANICS



### TEST AND R&D CENTRE

METHODS OFFICE • PROCESS • INNOVATIONS

### RECONSTRUCTION, IMPROVEMENT & OPTIMISATION

GRINDING & MILLING MACHINES • LATHES • MACHINING CENTRES



### MACHINE PERIPHERALS

WORKPIECE CLAMPING • LUBRICATION • 4<sup>th</sup> & 5<sup>th</sup> AXIS



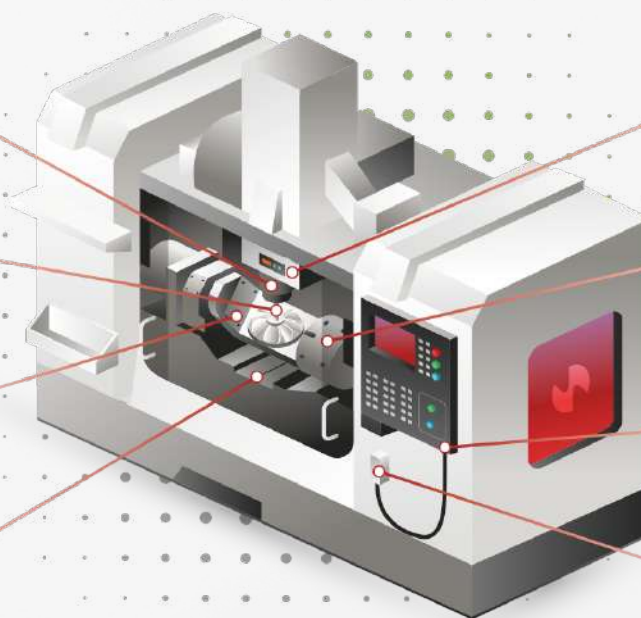
### AUTOMATION ON DIGITAL CONTROLS

NC RETROFIT • SPECIFIC FUNCTIONS • OPTIMISATION



### DIGITALISATION

SENSORS (A.I.) • DATA COLLECTION • DIGITAL TWIN



### INDUSTRIAL TRAINING

QUALIOPi APPROVED AND CERTIFIED

Qualiopi  
processus certifié



La FRENCH FAB



- Design, manufacture, inspection, commissioning & technical support
- Solid carbide, stainless steel and polycrystalline diamond (*PCD coating*)
- Traditional & laser sharpening
- Resharpener & reconditioning



PRACARTIS  
GROUPE

CARBILLY

PRACARTIS  
GROUPE

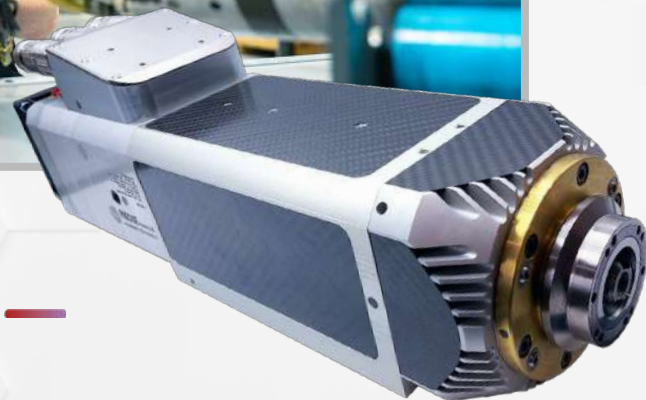
PRECxiS

PRACARTIS  
GROUPE

Concept DIAMANT

PRACARTIS  
GROUPE





- Engineering & manufacturing to specification
- Exclusive representative of the **FISCHER**, **SYCOTEC**, **HSD**, **GMN** & **KESSLER** brands
- Maintenance of all types and makes
- On-site analysis & services





- **KITAGAWA** clamping fixtures, indexing tables and other peripherals
- Peripherals for machining centres : *Cooling and lubrication systems, frequency converters, electrical cabinets, mounting brackets, sensors, etc.*
- Integration on all makes & types of machine



PRACARTIS  
GROUPE



PRACARTIS  
GROUPE

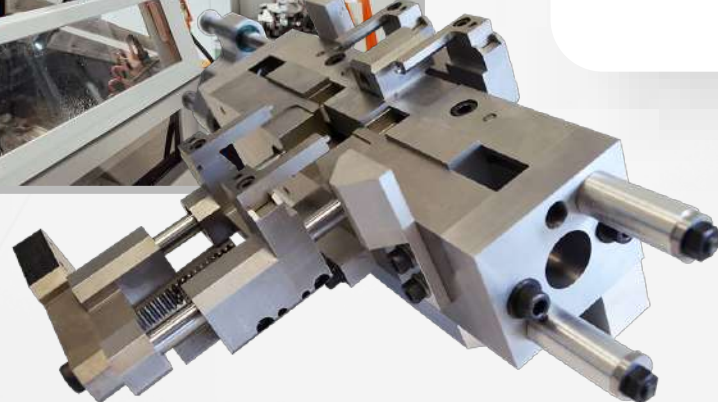


PRACARTIS  
GROUPE





- Production of high-precision parts
- Mechanical components, parts fitting
- Wire EDM, sinking, grinding, milling
- Capacities : from 10x5x1 mm to 300x200x100 mm





- *Complete or partial retrofit (electrical, mechanical and replacement of obsolete equipment)*
- Improving performance, capacity, ergonomics and maintainability
- Optimisation
- Security



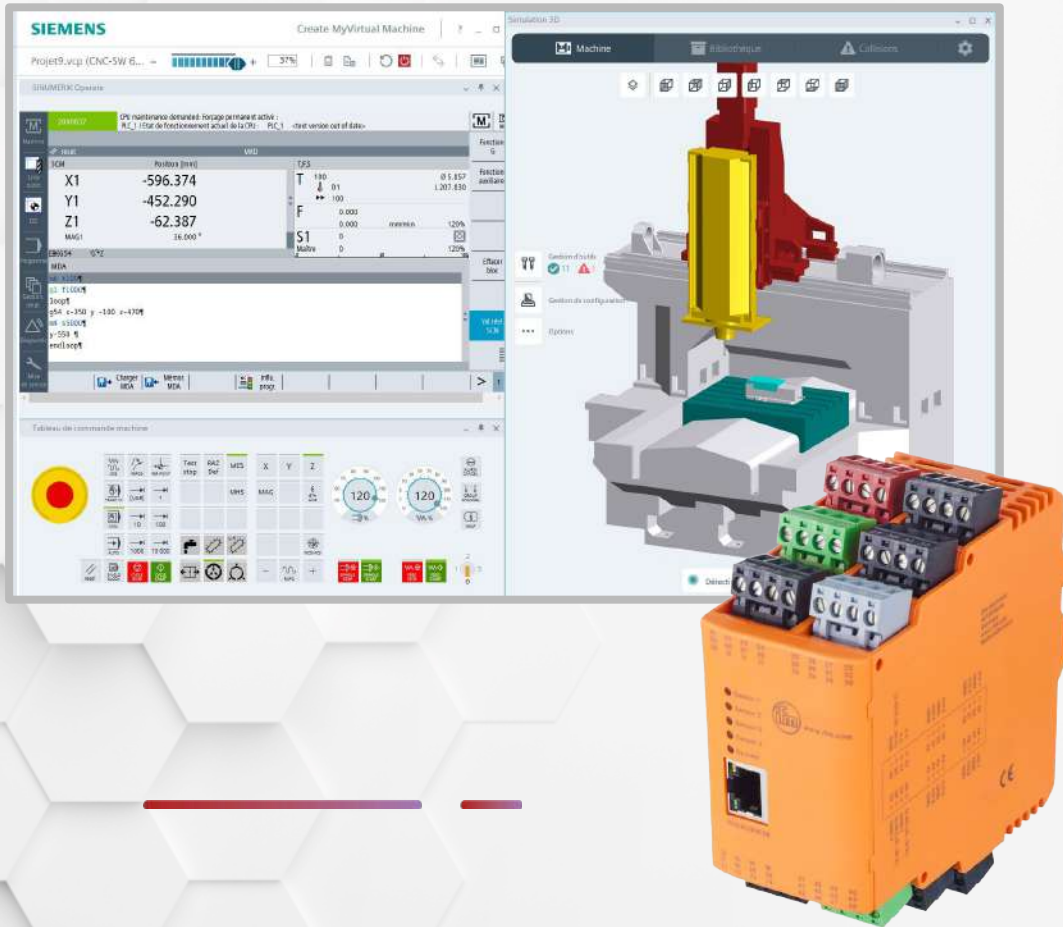




- Improvement & NC modification of **SIEMENS**, **FANUC** & **HEIDENHAIN** brands
- Expertise, advice & support
- Development of special functions
- Developement of industry-specific & customised HMIs  
(*Human Machine Interface*)







- Intelligent and/or connected machines
- Instrumentation
- Modelling & digital twins
- Artificial intelligence : collecting & processing data by adding sensors...



- Tool-material torque tests on instrumented machines
- Analysis and modelling
- Development of machining processes adapted and optimised to your needs
- Inspection equipment (*conventional and three-dimensional*)



**PRECIBOT** (mini machining centre)  
DESIGN and MANUFACTURE of a mini machining centre



**NOVATOR PROJECT**

(mobile drilling centre with orbital spindle)

RETROFIT spindle & MODERNIZATION Human Machine Interface including control box



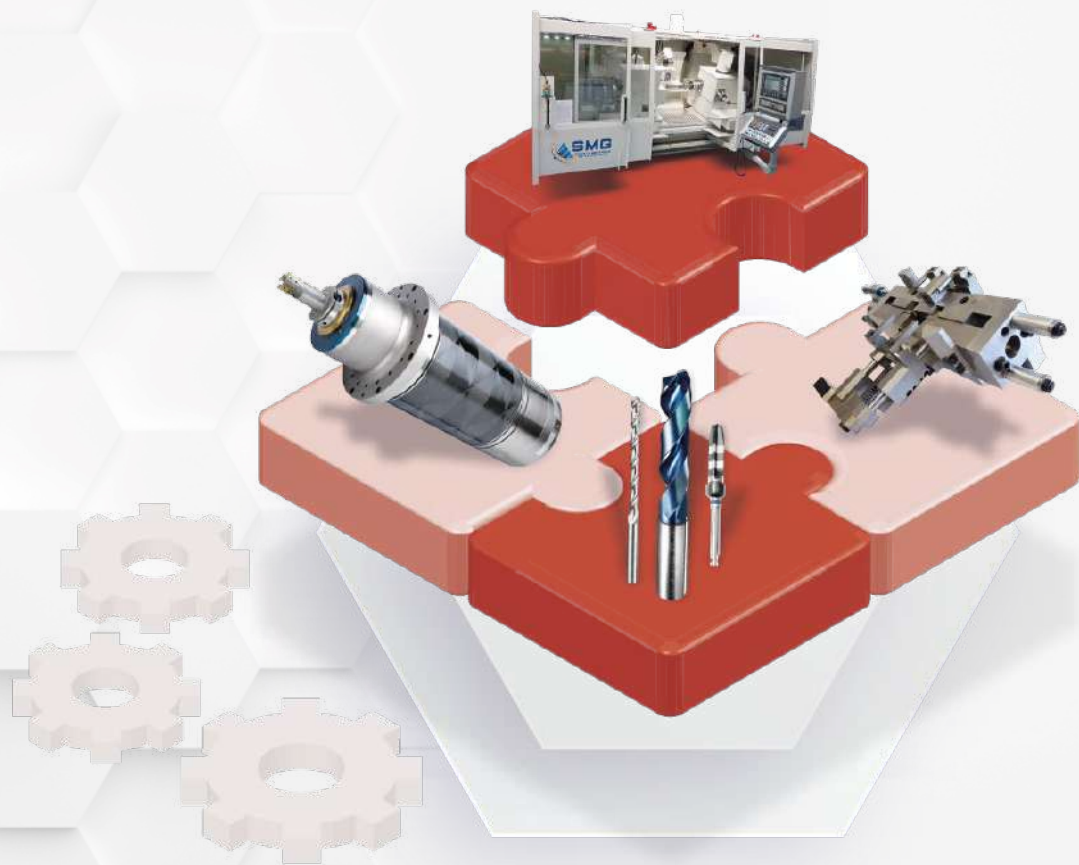
**SUPERCritical ECOFLUID**

(alternative to lubrication)

INTEGRATION into customer's production centre







Our areas of expertise are  
**complementary building blocks**  
that can be combined to **meet**  
**your specifications.**



AERONAUTICS



SPACE



WATCHMAKING



DENTAL



AUTOMOTIVE



MEDICAL



MILITARY



NUCLEAR



ENERGY



RAILWAY

PRACARTIS has over **7,000 active customers**, including **major accounts** that are leaders in their sectors.

# LEADING CUSTOMERS AND SUPPLIERS

PRACARTIS has **more than 7,000 active customers**. These are major accounts at the forefront of their sectors, including **the big names in Swiss watchmaking**. It also relies on suppliers renowned for the quality of their products.

## STRATEGIC CUSTOMERS



## CUSTOMERS



## SUPPLIERS





PRACARTIS develops **offers and services around SUSTAINABLE MACHINING**, to promote the **improvement** and **modernisation** of machining processes.

**EXTENDING  
THE LIFESPAN  
OF PRODUCTS**



**REDUCE ENERGY  
CONSUMPTION  
AND PROCESS  
CONSUMABLES**

**DEVELOPING  
NEW PRODUCTS**



## **THE 3 PILLARS OF OUR ACTION PLAN :**

**Reduce** the Group's  
**environmental impact**

Consolidating **quality of life &  
working conditions**

Be present and inspiring in **the  
local ecosystem**



**“ Sustainable optimisation of your *machining processes and strategies* ”**  
**MANUFACTURER • INTEGRATOR • REPAIRER • DISTRIBUTOR**



**THANK YOU FOR YOUR ATTENTION**

