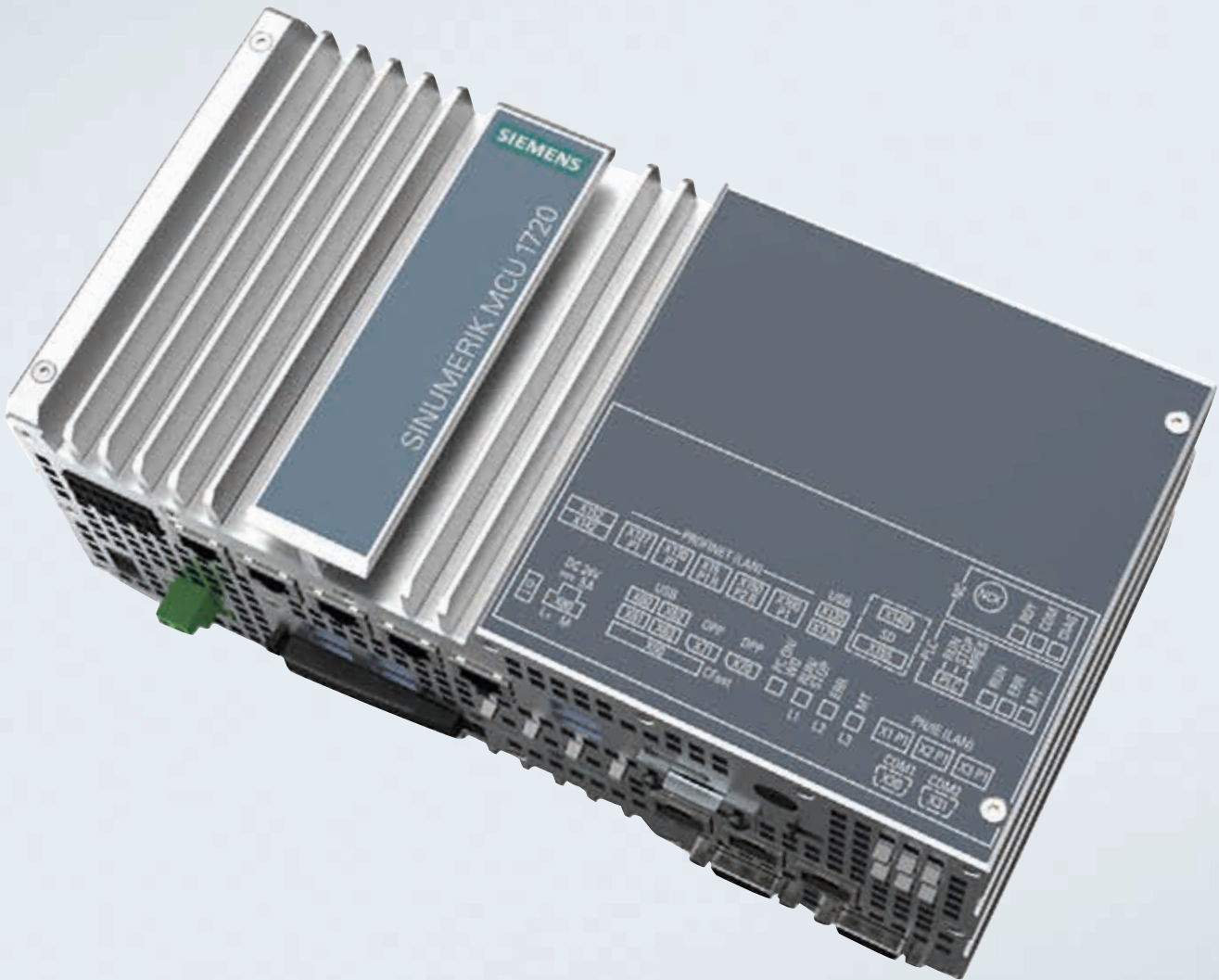


SIEMENS

Ingenuity for life



SINUMERIK MC

Industrial PC-based control for
special manufacturing technologies

usa.siemens.com/sinumerik-mc

SINUMERIK MC

The universal and open control system that can be easily implemented into your existing machine designs

With its integrated CNC, PLC and Windows® 10 operating system, SINUMERIK MC is the new industrial PC-based solution for machine tools and fabrication machines that require a customizable user interface and powerful motion control and automation capability.

Maximum openness

With the integrated Windows® operating system, it's simple to create customized user interfaces. The open operating concept and extensive interfaces mean that SINUMERIK MC is a seamlessly integrated and open control system.

Excellent motion control

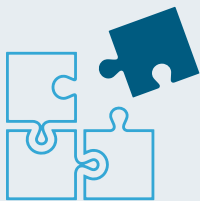
SINUMERIK's well-proven CNC technology facilitates the highest motion control precision, and thanks to G-code programming, a high degree of flexibility and versatility when it comes to open-loop machine control.

High automation performance

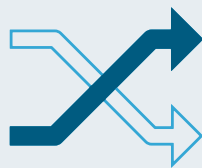
The short response time of the SIMATIC S7-1500F PLC facilitates faster machining speeds and significantly boosts the overall automation performance.

Simple engineering

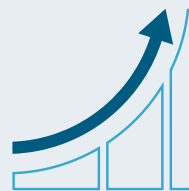
Symbolic programming, state-of-the-art programming languages and comprehensive toolboxes to implement standard applications mean that engineering in the Siemens TIA Portal is both simple and efficient. Ultimately, this results in reduced machine commissioning time and reduced cost.



Maximum openness



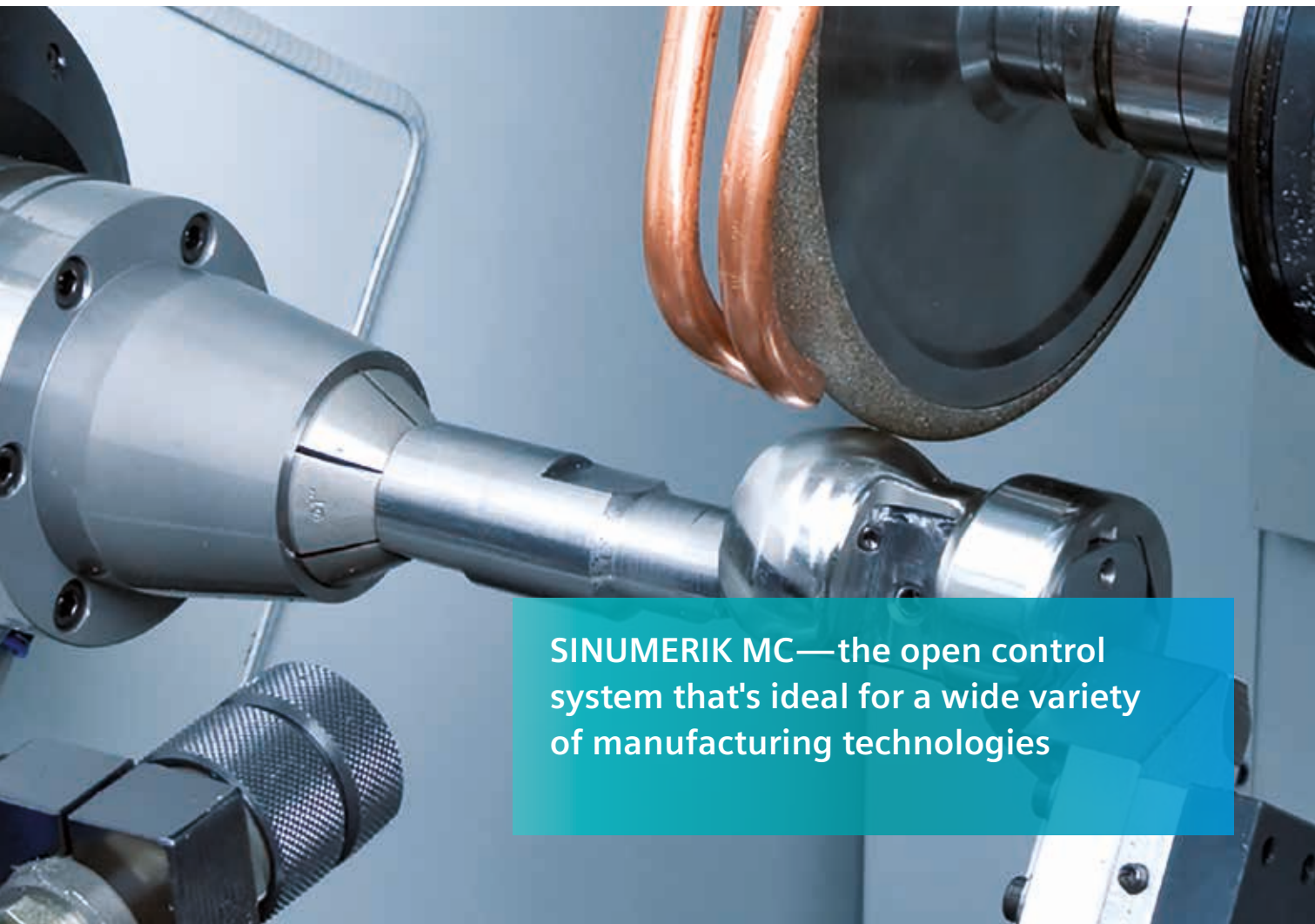
Excellent motion control



High automation performance



Simple engineering



SINUMERIK MC—the open control system that's ideal for a wide variety of manufacturing technologies

Fabrication and manufacturing technologies

From basic grinding and wood, to stone- and sheet-metal cutting, to additive manufacturing applications—SINUMERIK MC is the ideal control system for customized machine solutions.

Sheet-metal cutting	Demand-oriented motion control solution for sheet-metal cutting machines
Laser and waterjet cutting (3D)	Precision and openness for 3D laser and waterjet cutting applications
Simple grinding	Surface and profile grinding—an easy task for SINUMERIK MC
Additive manufacturing	Ideal for direct energy deposition and material extrusion processes
Stone cutting	SINUMERIK MC—the perfect solution for stone-cutting systems
Glass machining	High-performance and cost-optimized CNC for glass machining
Woodworking	Trend-setting CNC technology for CNC routers
Adhesive	Optimized control technology for adhesive applications

