

Mikron

MILL P 1400 U





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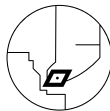
Consistent stability and precision for the largest applications

The Mikron MILL P 1400 U is a high-performance Milling solution ideal for the manufacturing of aerospace, machinery and automotive precision parts as well as large molds, in the range of a few microns. Its superior precision and stability allow high productivity. With its set of smart process-reliability functionalities, the MILL P 1400 U gives you a unique competitive advantage for heavy and big parts.



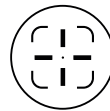
High productivity

Integrated smart modules in combination with turning capabilities allow you to machine easily and faster heavy and large parts without slowing your production.



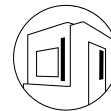
Combined mill and turn solution

Increase your workshop flexibility and business opportunities by combining different machining processes in a single machine without impacting workshop layout.



Superior precision

High quality components and machine architecture development make this solution not only precise but also stable. Reach the highest precision anytime.



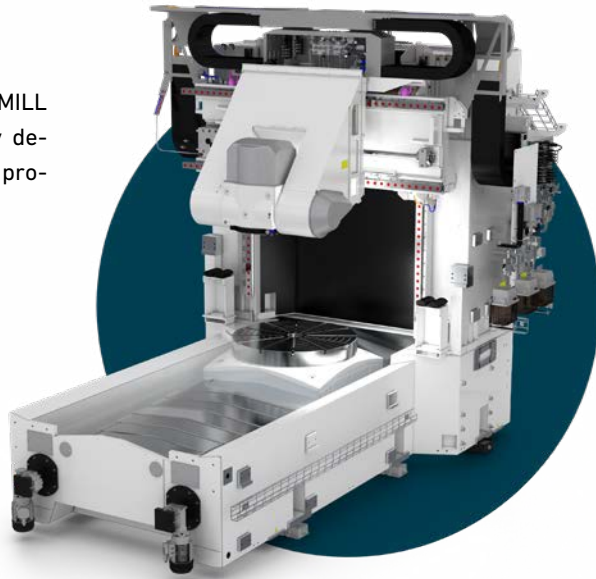
Profit every day from the best ergonomics

Benefit from a clean, clear design and unrestricted access to all integrated machine peripherals. Load and unload easily access effortlessly to the working area as well as for maintenance.

When performances meet precision

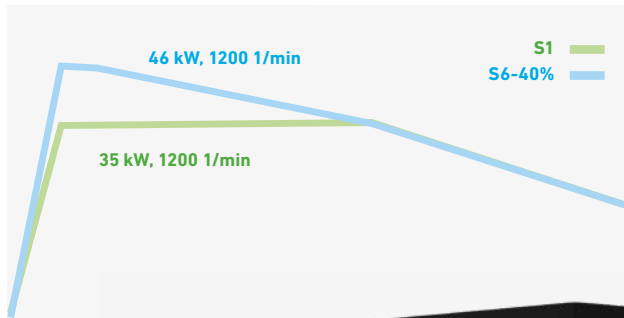
With its exceptional precision and reliability the Mikron MILL P 1400 U is an advanced milling solution specifically designed for heavy roughing as well as smooth finishing processes, no matter how big your part dimensions are.

- + Robust and stiff – excellent damping behaviour
- + Ergonomic portal design – high thermal stability
- + Higher productivity – hybrid solution
- + Advanced machine accessibility and visibility



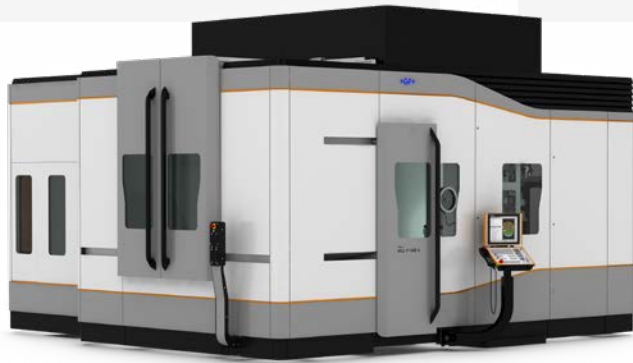
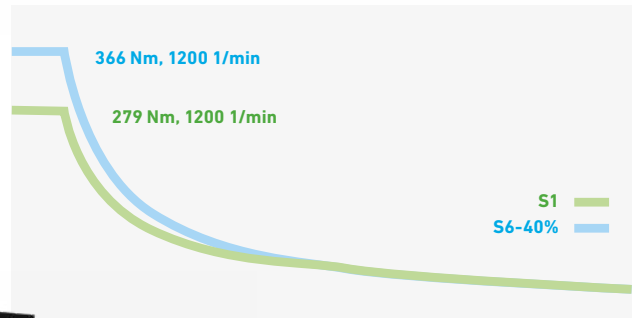
Step-Tec Spindle 15'000 HSK/T 100

Power (kW)



Step-Tec Spindle 15'000 HSK/T 100

Torque (Nm)



Technical specifications

MILL P 1400 U

Travel X, Y, Z (*)	mm (in)	1400 x 1300 x 1000 (55.12 x 51.18 x 39.37)
Swivel B axis	°	140 (+20 -120)
C axis	°	360
Feed rate X, Y, Z / (D/ST)	min-1	40, 40, 40 / (60, 60, 60)
Feed force X, Y, Z	KN	10, 10, 10
Feed force B axis	Nm	800
Max. weight on table	kg (lbs)	3000 (6614)
Table size	mm (in)	Ø 1000 (Ø 39.37)
Max. part dimensions (*)	mm (in)	1000 x 1000 x 900 (39.37 x 39.37 x 35.43)
Tool magazine	-	80/120/170/255
Control	-	Heidenhain TNC 640 / Siemens SINUMERIK ONE

* Length x depth x height

At a glance

We enable our customers to run their businesses efficiently and effectively by offering innovative Milling, EDM, Laser, Additive Manufacturing, Spindle, Tooling and Automation solutions. A comprehensive package of services completes our proposition.

www.gfms.com



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