

Technical data ATS

	ATS 100	ATS 200	ATS 200 UP	ATS 300 UP
Machine type	Mineral casting base	Granite frame	Granite frame	Granite frame
Spindle	Aerostatic	Aerostatic	Hydrostatic	Hydrostatic
Workpiece diameter	Up to 100 mm	Up to 200 mm	Up to 200 mm	Up to 300 mm
Max. workpiece weight*	3 kg	5 kg	10 kg	15 kg
Workpiece material	Brass, aluminum, NiP-Steel	Brass, aluminum, NiP-Steel	Brass, aluminum, NiP-Steel, invar, titan, steel	Brass, aluminum, NiP-Steel, invar, titan, steel
Production accuracy	Up to < 2.5 µm	Up to < 1.0 µm	Up to < 0.5 µm	Up to < 0.5 µm
Dimensions (h x w x d)	Ca. 2.00 m x 1.00 m x 1.00 m	Ca. 2.20 m 1.55 m x 1.10 m	Ca. 2.20 m 1.55 m x 1.10 m + 1.65 m x 0.87 m x 0.65 m	Ca. 2.20 m 1.85 m x 1.10 m + 1.65 m x 0.87 m x 0.65 m
Weight	Approx. 1,400 kg	Approx. 2,500 kg		Approx. 3,000 kg
Type	Stand alone	Stand alone	Stand alone	Stand alone

* depending on the design of the workpiece and the machining parameters (in particular the spindle velocity)

Technical data ATS-C

	ATS-C
Traversing speed UP axes	> 15 m/min
Spindle speed	2500 min ⁻¹
Process speed for alignment turning	≥1200 min ⁻¹
Workpiece diameter	Max. 200 mm
Workpiece length	Max. 150 mm
Workpiece weight	Max. 2.5 kg
Manufacturing accuracy alignment turning	Roundness ≤ 1 μm Flatness ≤ 1 μm
Programming resolution	1 nm