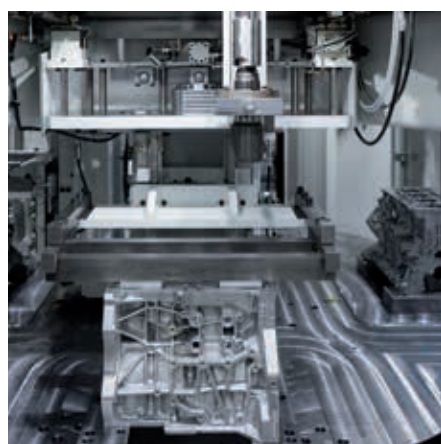


*powertrain*hone Z
Precision Honing Machines



Equipped for flexible manufacturing

The new powertrainhone Z combines the proven advantages of the Z-machines with the benefits of the PT-product line. The modular concept enables the complete honing process in one modular unit. Three machining stations ensure efficient honing and short cycle times, regardless of whether there are three or four cylinders. The built-in rotary table moves the workpiece through the individual stations. Whether gantry, roller conveyor or other loading processes, there is always flexibility.



Rotary table with three machining stations

Integrated tool changer at every station

A fast and efficient tool change system is an important requirement for flexible manufacturing. Process technology contingent tool changes and logistically necessary workpiece changes are performed reliably in a minimal amount of time. The machine-adapted tool system from the PT-series is used, utilizing its advantages. The pneumatic gaging system, consisting of the airgag tool and the Gehring digital measuring transformer, also works for large material removal with high accuracy.



Air gaging PT-tool with digital measuring transformer for in-process gaging

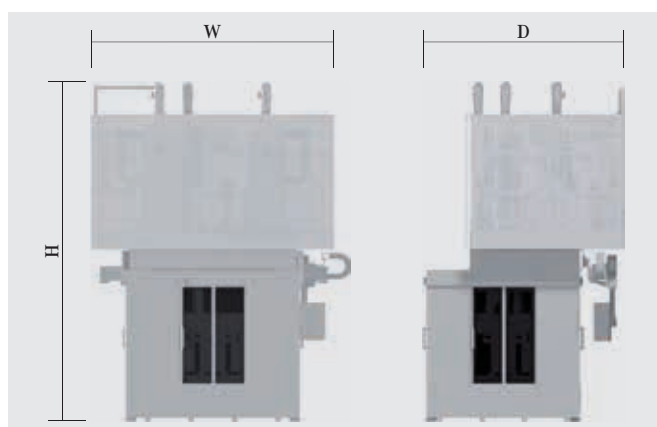
Good oversight and optimal accessibility

Thanks to the moveable operator panel, you always have a view of every station. The user-friendly and clear graphic display of the Gehring Operator Panel (GOP) and the program assistant substantially simplify the machine operation. The electromechanical feeding system achieves the highest dimensional accuracy and shape correction. The spindles are optimally accessible via the direct maintenance area. Along with the attached maintenance panel, service friendliness is ensured.



Moveable operator panel for a view of every station

Technical data		Z 750
Stroke length	mm	750
Diameter, nominal	mm	68-105
Spindle drive		Servomotor
RPM, max	1/min	450
Torque, max	Nm	190
Stroke drive		Servomotor
Stroke speed, max	m/min	40
Stroke acceleration, max	m/s ²	15
Required space (WxDxH)	mm	2600 x 2300 x 5000



Subject to technical changes and variations in design and configuration.

Trust in the technology leader with many years' experience and global presence! Innovative technology combined with an economical mindset sets us apart.



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