Heinz Fiege spindle technology – more than 50 years of experience in developing, designing and manufacturing high quality spindles for industrial machine tools. Our name stands for quality and precision. We are highly selective in the choice of materials used in the manufacture of our products. Only preloaded precision bearings are employed. Intelligent solutions, such as our labyrinth seal with active air barrier seal, protect our spindles’ interior against dust and coolant, and significantly prolong the service life.
There are many reasons for choosing Heinz Fiege spindle technology: Top quality and sophisticated technology, to name but two. Genuine partnership is a third. This is how we support our customers throughout the life cycle of our products.
SPINDLE TECHNOLOGY
EXCERPT FROM OUR PRODUCT RANGE

Spindles
SERIES 600
• belt driven spindles
• standard series 40-200mm housing diameter
• Housing length up to 1,000mm

Motor spindles
SERIES 800
• round spindle housing
• tool taper 1:7.5
• speed up to 30,000rpm
• inner tool cooling systems
Motor spindles

**SERIES 810**

- housing diameter 40-120mm
- manual HSK clamping
- speed up to 30,000rpm
- inner tool cooling systems

Motor spindles

**SERIES 840**

- round spindle housing
- manual HSK tool clamping
- motor power up to 40kw
- grease lubrication or oil-air lubrication
SPINDLE TECHNOLOGY
EXEMPLARY FROM OUR PRODUCT RANGE

Motor spindles
SERIES 900
• round spindle housing with mounting flange
• automatic tool clamping up to HSK160
• motor power max. 120kw
• 4 precision bearings toolside

Motor spindles
SERIES 910
• square spindle housing
• manual toolchange
• motor power max. 120kw
• runout <0,002mm
Motor spindles
SERIES 920
• round spindle housing
• manual tool clamping
• motor power 15-120kw
• speed max. 24,000rpm

Motor spindles
SERIES 930
• square spindle housing
• automatic tool clamping up to HSK160
• integrated sensor technology
MOTOR SPINDLES/DRESSING TECHNOLOGY
EXCERPT FROM OUR PRODUCT RANGE

DRESSING SPINDLES DS
SERIES 190
• asynchronous motor
• six basic types between 58-120mm housing diameter
• power between 0.5 and 6kW
• integrated encoder and AE sensor available

DRESSING DEVICE AGE / AGH
SERIES 160 / 170
• width of roll dresser 50/100/150mm
• electric or hydraulic motor
• dressing speed up to 7,000rpm
• body material cast iron GG25

DRESSING SPINDLES ASF
SERIES 180
• width of roll dresser 50/100/150mm
• sealing ealing with contact seal or air purge
• dressing speed up to 7,000rpm
• run out <0.002mm
HF MOTORS & PRECISION VICES

HIGH PERFORMANCE HF MOTORS

• power 150kW max.
• speed 20,000rpm max.
• precision bearings
• integrated encoder
• integrated liquid cooling

PRECISION VICES

• jaw width 50-150mm
• chuck width to 160mm
• clamping with spindle
• fully hardened
• ground on all sides (2µm/100mm)
Dust, swarf, coolant – a spindle has much to endure. As a result, even the most sophisticated of systems can fail. When this happens, a speedy response is what’s needed.

PROFESSIONALS FOR PROFESSIONALS!

This is something you can count on. We provide personal, straightforward assistance without asking any lengthy questions.
As spindle specialists, we focus on getting straight to the root of the problem. We thoroughly examine incoming spindles, assess the need for maintenance and repair, assemble spare parts and calculate the costs. Parts are recycled wherever possible and repairs are carried out immediately after the customer’s go-ahead. All repaired spindles undergo a final quality check, just like our new products, before being returned to the customer along with a test report.

THIS IS ALL PART OF OUR PROFESSIONAL SERVICE!
FURTHER INFORMATION

Want to discover more about us and spindle products for spindle and dressing technology?

Just ask for our catalogue – by phone or email. We would be happy to send you a copy by return.