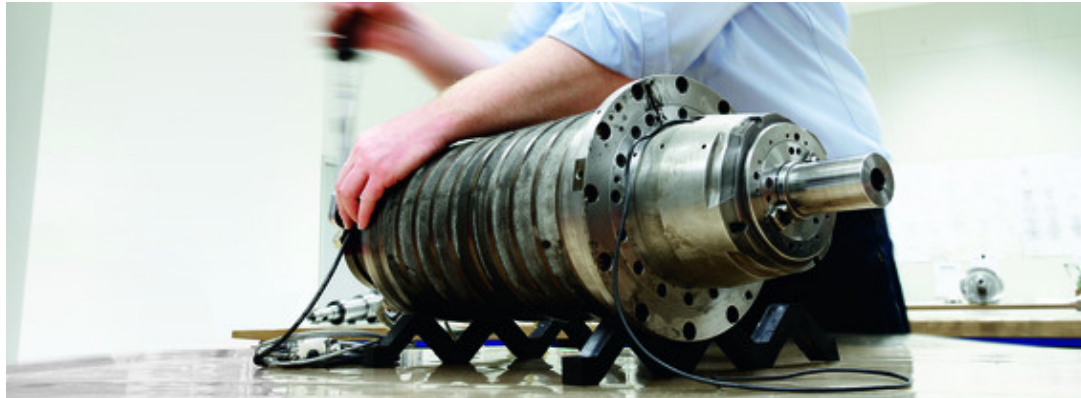


# Spindle Service from Diebold

## Fast and reliable repair service

Passion for Perfection



Newsletter Nr. 73

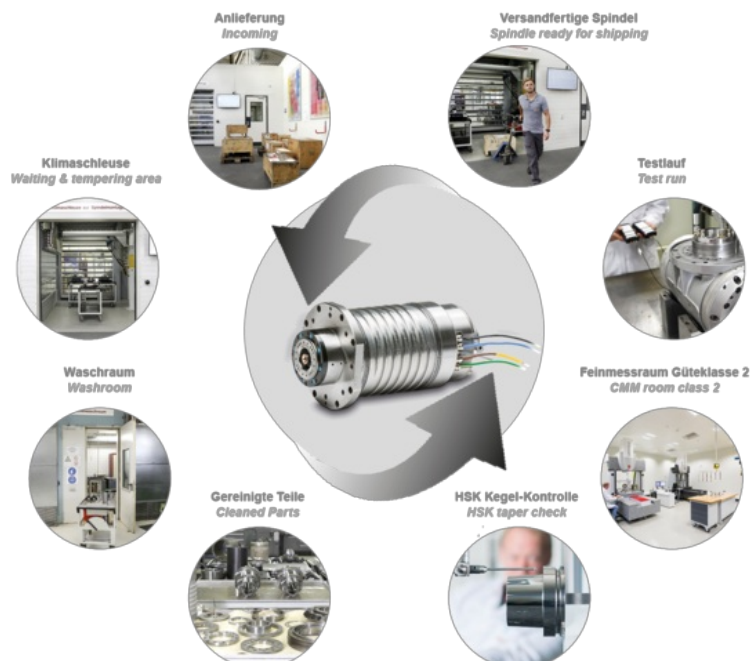
## Repair Service

Quality Service | Spindle Check & Repair

Diebold will repair your Diebold spindle within 5 days.

**"You'll have your spindle back in five days, in like-new condition with test run and documentation!"**

Satisfied customers make our spindle repairs an important part of our spindle business. Our trained service personnel repair not only Diebold spindles but also spindles from other manufacturers. A spindle repair includes the exchange of the bearings, the reworking of the tool clamping system, the regrinding of the taper, the test run and the documentation of the spindle repair.



## Advantages of our Spindle Service

Experience and competence



**Our experienced engineers and spindle technicians implement optimizations to ensure that your spindle will last longer.**

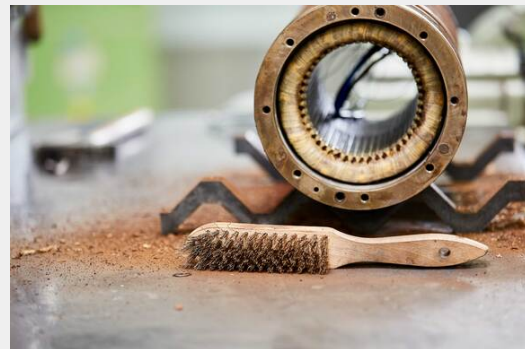
Only spindle bearings and spindle components from the best-known and most recognized manufacturers are used, because quality is the priority.

We work independently of manufacturers: Spindle types from different manufacturers are expertly repaired by us. Technically at the highest level, in fully air-conditioned production and assembly in a clean room.

- The spindle hotel offers short delivery times and within one day you will have a reconditioned replacement spindle on site.
- Worldwide accessibility: With partners around the globe, we take care of your spindles.
- Spindle failures mean high costs: Put your spindle in the hands of experienced specialists.
- Spindle crashes happen, then fast reaction is necessary!
- A large number of spindles are in stock in the service pool.
- Extensive spare parts stock available.

### Prevent costs

Badly executed spindle repairs cost you even more money: You know the problem that a spindle has to be repaired again after a short time? With us you prevent such spindle failures and avoid costs that are not needed.



## Experience in Spindle Service

Consulting & Competence

Our sales forces would be pleased to come to you for an initial consultation of spindle service.

### Competence

With many years of experience as a spindle manufacturer, we offer the best quality. For more than 40 years we have been supplying spindles to the most famous machine manufacturers in Germany, Europe, Asia and USA for production, aerospace, mold making, automotive. The current capacity is more than 2,000 spindle shafts and components per month. The quality inspection of the parts is carried out in the measuring room grade 2, which has a temperature constant of +/- 0.2 degrees per meter.

## One man - one spindle

Quality Pass



### One man - one spindle

One engineer repairs a spindle completely from start to finish. The rebuilt spindle goes through a range of test runs.

On our test stands, the spindles several hours, during which concentricity, vibration and pull-in force are tested. All data are recorded in a detailed test report and delivered to the customer together with the spindle. We guarantee: "Your spindle runs like new!"



  
MADE IN GERMANY

### Delivery program

In our program you will find High Frequency Spindles for HPC (High-Performance-Cutting) and HSC (High-Speed-Cutting) milling. A specialty are spindles for 5-axis machining, 5-axis spindles with extremely short design, high power (up to 90kW) and high speeds (up to 50,000 rpm). We are specialists for spindles with grease bearings even at high speeds.

## Customer Comments



"The repair service from Diebold is guaranteed and the promise of 5 days is kept!"

"We like to give our spindles to Diebold for repair, because the spindelhotel system immediately delivers a replacement spindle. This saves high downtime costs. Documentation and quality check are included in the service."





"The Diebold service saves me the costs for an expensive service technician to check the spindle!"

"For our company, rapid repairs are essential, because that means high costs due production downtime. Therefore, Diebold is a good partner for quickrepair service."



## We offer Spindle Test Kits

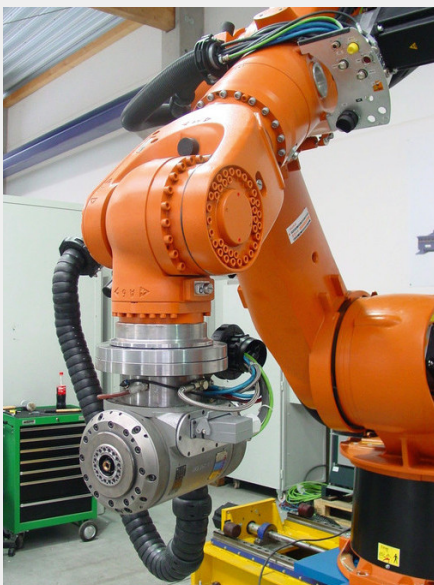


## Robot applications

Spindle specialist for robot cells

An important area of our spindle program are robot spindles and 5-axis spindles.

Our experience in the development of these spindles, which are usually very short and yet powerful, has made us a specialist for robot spindles. The interfaces for holding the spindles in the robot hand are also our own developments.



We know the requirements of the machine manufacturers exactly because we are in close contact with them and push joint developments and optimizations. A spindle service company can't offer this because they don't know the requirements in advance of a development and therefore only get to know about the requirements and improvements afterwards.



Would you like to get detailed information about Diebold spindle technology? Here you will find the product catalog for download.  
>>> [Highfrequency Spindles & Spindle Repairs](#)



## Demo Van

NEW Product range expansion in the mobile van: HAM milling tools



[www.HSK.com](http://www.HSK.com)

### Diebold mobile customer service

Our application engineers support you in machining and selection of suitable clamping systems, shrinking technology and balancing technology.  
New in mobile service : HAM milling tools

### Make an appointment!

Together we will look for the best savings potential in the machining of your parts and implement it.



Want to learn more about productivity increases.

Info NC manufacturing press article:  
[www.nc-fertigung.de](http://www.nc-fertigung.de)



Contact our export manager

Anton Ebenhöch  
Fon: +49 151 688 331 79  
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### Diebold energy concept - the Climate-Neutral Factory

We reduce energy consumption through our sophisticated energy concept. For sustainable production and to protect natural resources. We take responsibility for our employees, the region and the environment and operate a climate-neutral factory.

[More Infos](#)



For questions and advice, please contact our sales team  
phone: +49 (0) 7477 871 - 0  
mail: [service@hsk.com](mailto:service@hsk.com)

## Diebold Produktlinien

### *Goldring Tool Holders*



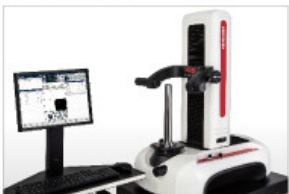
### *Spindle Technology*



### *Shrink Technology*



### *Gauging Technology*



### *Balancing Technology*



### *Quality-Check / Service*



Video



Onlineshop



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