

More Services. More Value. Spinex, making more out of your spindle!

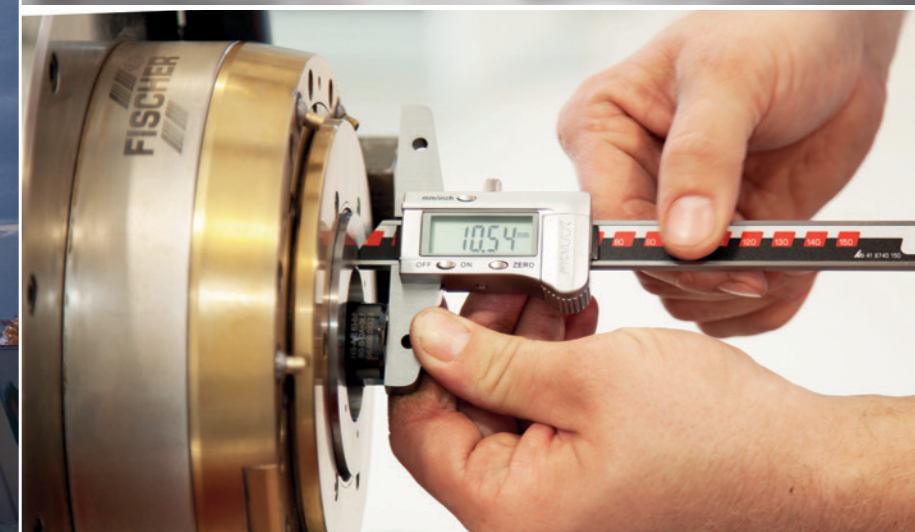
YOUR SUCCESS IS OUR BUSINESS

An exploded view diagram of a complex spindle assembly, showing various components like bearings, seals, and housing parts arranged in a disassembled state. The diagram is rendered in a light gray color against a white background. A dark blue horizontal bar is overlaid on the right side of the image, containing the text "Your excellent spindle service company." in white font.

Your excellent spindle service company.

# OUR COMPANY

Hard facts resulting from enthusiasm and passion.



## RESULTS ARE OUR PRIORITY, PEOPLE ARE OUR FOCUS

"We concentrate on what we do best: **servicing and repairing the main spindles for machine tools, to the highest standards of quality and for perfect operation.**

Our passion for our daily work has led us to continually develop our business - from a medium-sized services firm to a knowledge enterprise. We think in networks, and develop together with our highly motivated staff and customers: SQS 2020.1, SSM ProActive and SpinExAPP. This allows us to create effective management tools for industrial maintenance.

With better performance, greater service and increased motivation, we want to boost your competitiveness, so that you and your customers are fully satisfied."



**András Eliás**  
Managing Partner



**Péter Pongrácz**  
Managing Partner

## OUR GUIDING PRINCIPLE: "MORE SERVICES. MORE VALUE."

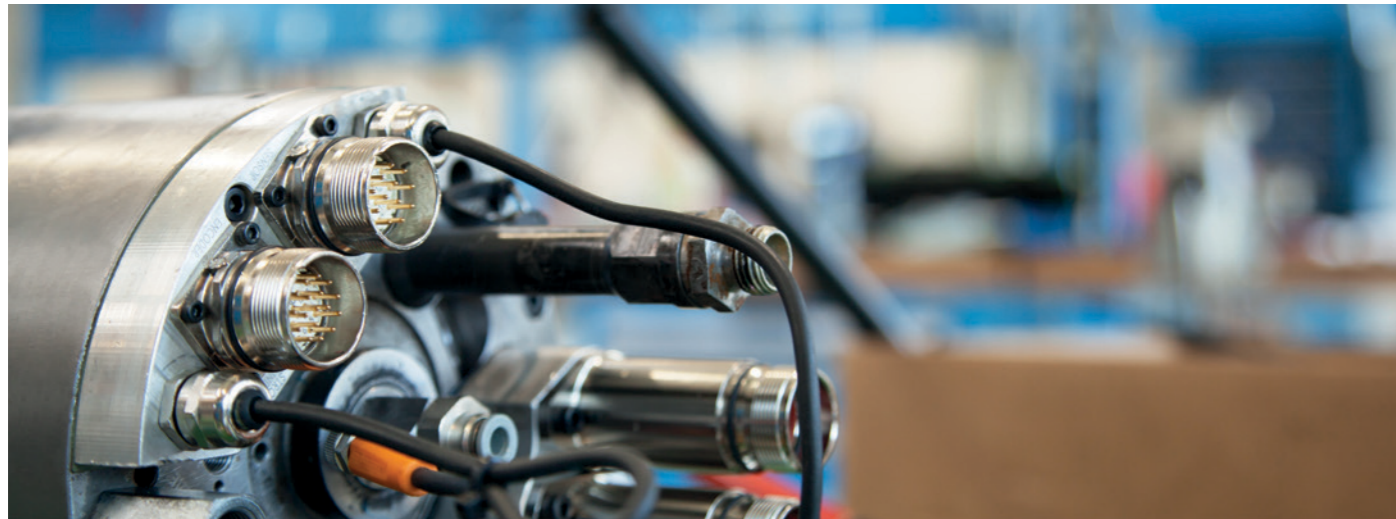
Every day, we focus on excellent training for our people, state-of-the-art in-house production methods, the outstanding quality of every spindle repair, and future-friendly service tools for our customers.

This means we can create significant added value for our staff and customers.



# RESPONSIBILITY & EXCELLENCE

Optimal solutions for optimal success.



## WE SHOULDER RESPONSIBILITY

We take **responsibility** for what we do and how we act towards our customers and our company. We strive for **perfection** in delivering the quality desired by our customers and in all of our internal processes, for technological advances and for a working environment based on mutual respect.

That is why we are certified in accordance with the **EN ISO 9001:2015** standard, and audited according to the **SQS 2020.1 Spinex Quality Standard**. And for us, complete transparency, customer satisfaction, quality, competence and 100% vertical integration for all spindle replacement parts and components all go without saying!

## WE GROW WITH OUR CUSTOMERS' CHALLENGES AND WE KNOW THEIR NEEDS INSIDE OUT

- Reduced repair costs and downtime
- Guaranteed running times, no unpredictable production outages
- No additional service and maintenance costs
- Plannable maintenance costs
- Minimisation of system costs
- Products and services from a single supplier
- Advice on preventive maintenance
- Open communication and know-how transfer on handover
- Expert, on-site contact person
- Reliable services and individual solutions



## EVERYTHING REVOLVES AROUND THE SPINDLE

We are your partner for taking care of the hardest working, core element of your machine tool, providing expert service and repairs, and reliable solutions.

### The classic spindle service

### Total Productive Maintenance - TPM

We achieve huge increases in productivity and quality, by optimising your equipment and adapting the production facility environment.

### SSM ProActive

Predictive maintenance: Spindle Service Management, Level 1 - Level 5/5+

### Taking overall responsibility

Disassembly and reassembly of spindles, machine service and maintenance, machine status analysis, failure diagnosis.

### "Spindle Hotel" spindle storage

### On-site servicing

Service and testing appointments coordinated with the customer.

### Customer-appropriate spare parts stock

### Service and maintenance contracts

Perfectly aligned to our customers' individual needs.

## REPAIRS

We conduct repairs according to the manufacturer's applicable quality and installation guidelines:

- Integral motor, gear-driven and belt-driven main spindles
- HSC/HPC motor spindles (asynchronous, synchronous, air or water-cooled)
- Turning machine main and opposed spindles
- All precision HF spindles for milling, turning and grinding
- Mechanical high-speed spindles
- Axial motor spindles
- Rotary axes, rotary-swivel tables, two axis heads
- Special spindles, etc.

from all spindle, machine tool and grinding machine manufacturers.

**Our spindle service covers all brands and all kinds of damage. Prompt, qualified and dependable!**

### Spindle and machine tool manufacturers:

Kessler, WEISS, Step-Tec, IBAG, Starrag, Fischer, Chiron, Fortuna, Gamfior, SKF, GMN, FAG, Omlat, HSD, HSTec, Hiteco, Meyrat, Precise, Reckerth, Cytec, IMA Tecno, TDM, Royal, etc.

DMG Mori, Heller, GROB, Quaser, Stama, Emco, EMAG, Chiron, Hessap, Hüller-Hille, Reichenbacher, Matec, Mikron, FILL, Liechti, Hedelius, Reiden, SHW, Alzmetal, Doosan, Okuma, Makino, Hurco, Mazak, Hyundai, Huron, etc.

# TOP SERVICE & EXCELLENT CARE

So that you and your customers are fully satisfied.



## YOUR SPINDLE WILL BE IN GOOD HANDS, YOU CAN DEPEND ON IT!

**We have the experience** thanks to the expertise of our people.

**We keep our know-how up-to-date.** We work as a partner to many well-known spindle producers, OEMs, international research institutes, industrial companies and mechanical engineering firms. We invest on an ongoing basis in the latest production, measurement and testing methods at our own facilities.

**We always plan for the optimum result.** We work together with you to remove any obstacles before getting started. This means we can reduce your costs at the same time as boosting machine availability and your productivity.

• **Spindle assessment and diagnosis:** Visual inspection, measurement of parameters that can be measured without disassembly (clamping force, geometry, etc.), motor test, spindle disassembly and cleaning of all parts. Measurements and testing, failure analysis, **quote preparation**, ordering.

• **Provision and sourcing of replacement parts, components and standard parts; replacement part manufacturing:** 100% vertical integration in all replacement parts and components (excluding original parts from the spindle manufacturer) thanks to state-of-the-art production methods (CNC milling, turning and milling centre, turning, external and internal circular grinding, deep hole drilling, vertical and wire eroding, alpha laser welding, etc.).

• **Assembly:** Balancing of all parts, assembly and mounting of spindle and mechanical and electronic components (e.g. shaft encoder, clamping system, unclamping unit, DDF, hydraulics and pneumatics, etc.), testing and measurement. Tool holder finishing and levelling.

• **Measurement and testing:** Measurement and testing of all mechanical and electrical parameters (axial and radial runout, bearing play, bearing bias, shaft encoder, clamping system, sensor systems, etc.), run-in and test run, imbalance and vibration measurement, documentation, test report.

• **Pre-delivery inspection:** Packaging, dispatch, invoicing.

# WE THINK FUTURE

Results are our priority, people are our focus.



## WE THINK AND WORK IN NETWORKS

We collaborate with prominent universities, organisations, companies and OEMs, so that we can achieve optimum results together with our customers.

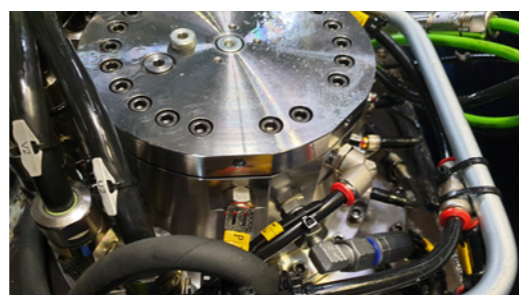
Providing you with the right answers to your questions, from the cutting edge to the motor spindle and machine tool, requires not only mechanical engineering expertise, but also the necessary technology and analysis competence.

We know and understand the production process as a complex interplay between the tool, the spindle on the machine, and the person operating it.

**Total Productive Maintenance (TPM) and SSM ProActive** are our answers to the forward-looking questions of targeted and effective upkeep and care.

Raising the quality and productivity of the system as a whole, while simultaneously reducing costs.

**That is how we interpret taking overall responsibility.**



## MORE SERVICES, MORE VALUE

### Raise your potential with SSM ProActive

Six steps to success with predictive spindle service management!

From Level 1 of our classic spindle service with billing of repair costs according to work required and the type of failure to Level 5+

### Our shared goal

- Provision and guarantee of machine availability by Spinex experts on-site
- Increased productivity thanks to technology and process optimisation
- Reduction in maintenance costs alongside improved productivity and product quality

Work is billed according to "cost per unit", jointly defined productivity and machine availability indicators, or according to pay-per-use models.

**This is the future of spindle services!**

## SPINEX QUALITY STANDARD SQS 2020.1

- 100% customer satisfaction
- 100 % transparency within the company and in internal workflows and processes
- 100% quality and competence
- 100% vertical integration of in-house production
- 100% safety at all times
- Full 90-day spindle functionality warranty, with no "if"s or "but"s

Why it's so important for us to fulfil our new SQS 2020.1 Spinex Quality Standard in addition to maintaining EN ISO 9001:2015 certification:

"Transparency, openness and trust are the keys to shared success, and we want to demonstrate this in our daily work with customers.

Find out by visiting us in person, where you can learn about all of the possible options for an effective spindle service for your company. Come and see for yourself - you'll immediately notice the difference!"



Website



V-Card

„Talk to us, we'll find the ideal solution for you together!“

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We look forward to hearing from you!



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