

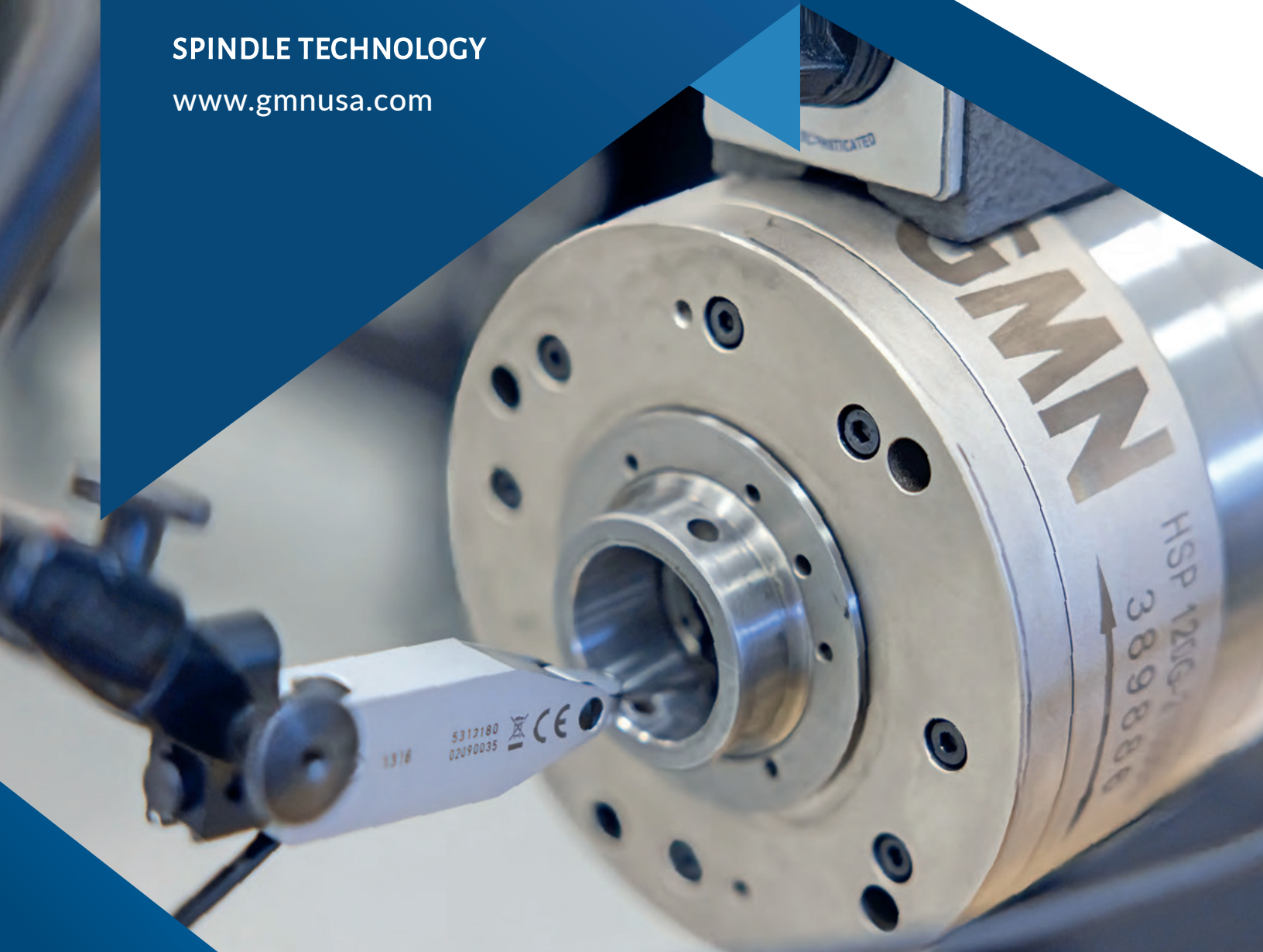
YOUR SPINDLE PARTNER

FOR GMN AND
OTHER MAKES
AND MODELS

SPINDLE TECHNOLOGY

www.gmnusa.com

GMN USA



SPINDLE REPAIR AND SERVICE

OEM QUALITY AND EXPERTISE WITH OUR INDUSTRY STANDARDIZED SPINDLE REPAIR PROCESS

Our services are not only focused on GMN spindles, but on almost all makes and models. The most extensive spindle repair process in the industry guarantees your spindle is returned according to [OEM standards](#).

We only use the best components that comply to GMN quality standards which guarantees our customers the best possible [accuracy, efficiency and reliability](#).

Expertise and competence, combined with state-of-the-art test equipment, ensure the quality of all in-house spindle repairs. We provide a full range of design, development, manufacturing, testing and repair services.

REPAIR PROCESS

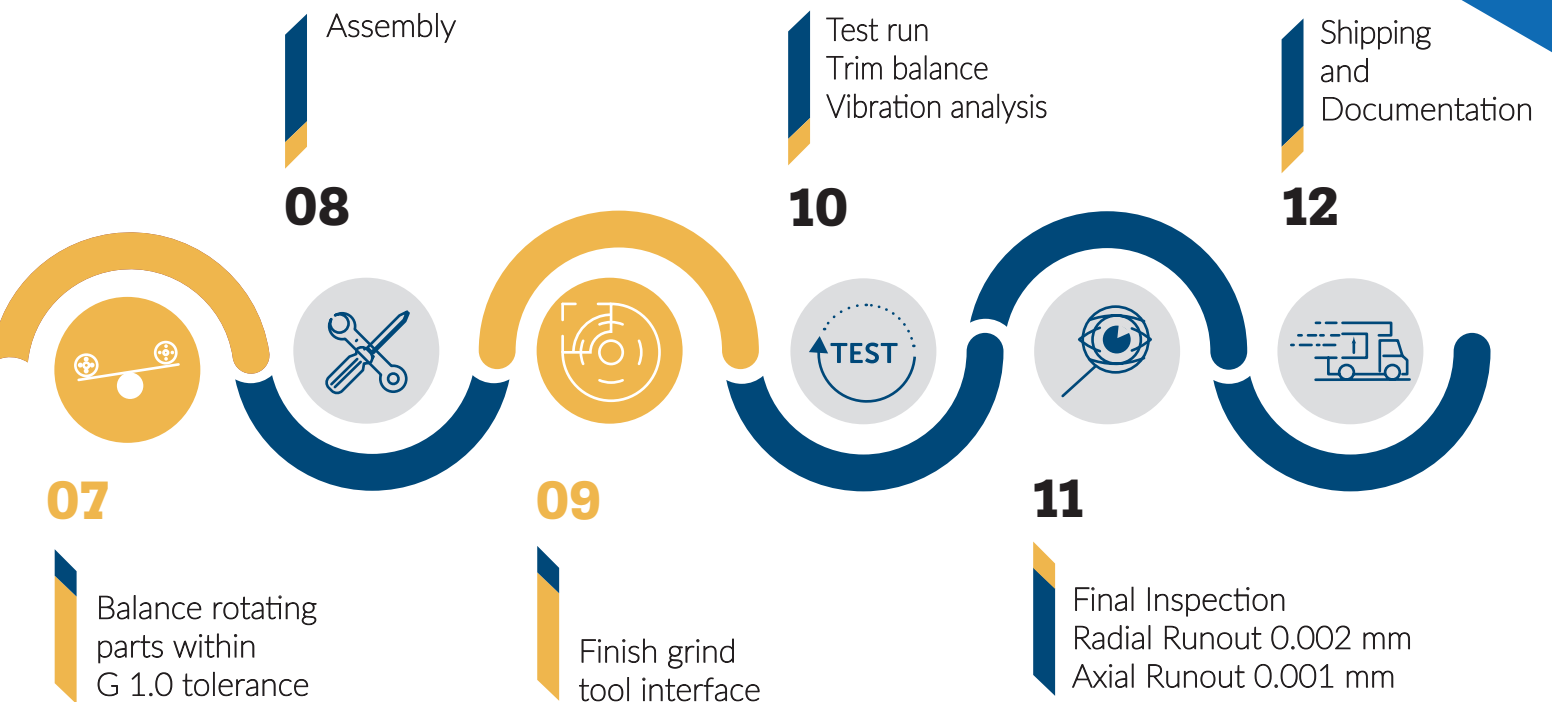


GMN USA, a subsidiary of GMN Germany, specializes in spindle technology for the North American market, offering robust products, sales, support equipment, and repair services.



Our team is focused on providing the best spindle repair process available by improving your spindle's lifetime and increasing the capability of your machine tool.

LET US PUT MORE THAN 100 YEARS OF SPINDLE EXPERIENCE TO WORK FOR YOU!



● Competitive Advantage

SPINDLE PRODUCTS

We offer the **best solution for your application** from high-speed grinding to high-power milling!

View all our spindle series!

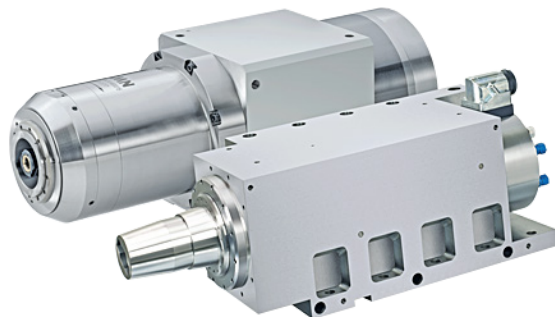


OD	Motor
80 - 230 mm	A-/Synchronous
Speed	Tool Type
max. 250,000 rpm	Threaded Pilot, HSK-C
Power	Lubrication
max. 45 kW (S1)	Oil-Air / Perm. Grease
Torque	Tool Change
max. 85 Nm (S1)	Manual

Manual Tool Change
Grinding, Milling, Drilling

Automatic Tool Change
Grinding, Milling, Drilling

OD	Motor
80-380 mm	A-/Synchronous
Speed	Tool Type
max. 90,000 rpm	HSK, SK, BT, KM4X
Power	Lubrication
max. 150 kW (S1)	Oil-Air / Perm. Grease
Torque	Tool Change
max. 1,750 Nm (S1)	Automatic



OD	Motor
Customer's Spec	A-/Synchronous
Speed	Tool Type
max. 250,000 rpm	Customer's Spec
Power	Lubrication
max. 350 kW (S1)	Oil-Air / Perm. Grease
Torque	Tool Change
max. 1,750 Nm (S1)	Manual / Automatic

Custom Engineered
Grinding, Milling, Drilling,
Test Stand, Generators

UH Series
Grinding, Milling

OD	Motor
100 - 170 mm	Synchronous
Speed	Tool Type
max. 120,000 rpm	Threaded Pilot, HSK-C
Power	Lubrication
max. 32 kW (S1)	Oil-Air, Outer Race
Torque	Tool Change
max. 36.8 Nm (S1)	Manual



*Equipped with IDEA-4S

SPINDLE SUPPORT EQUIPMENT

The **functionality**, **effectiveness** and **lifetime** of your spindle can be increased with the proper accessories.

CABLE ASSEMBLIES AND CONNECTORS



LUBRICATORS

QUILLS AND WHEEL HUBS



CHILLERS

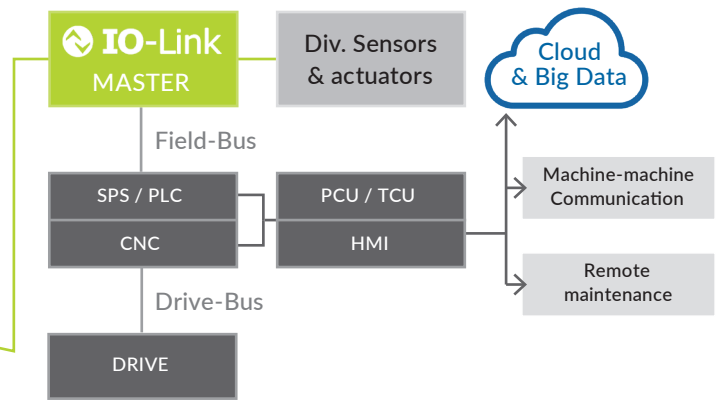
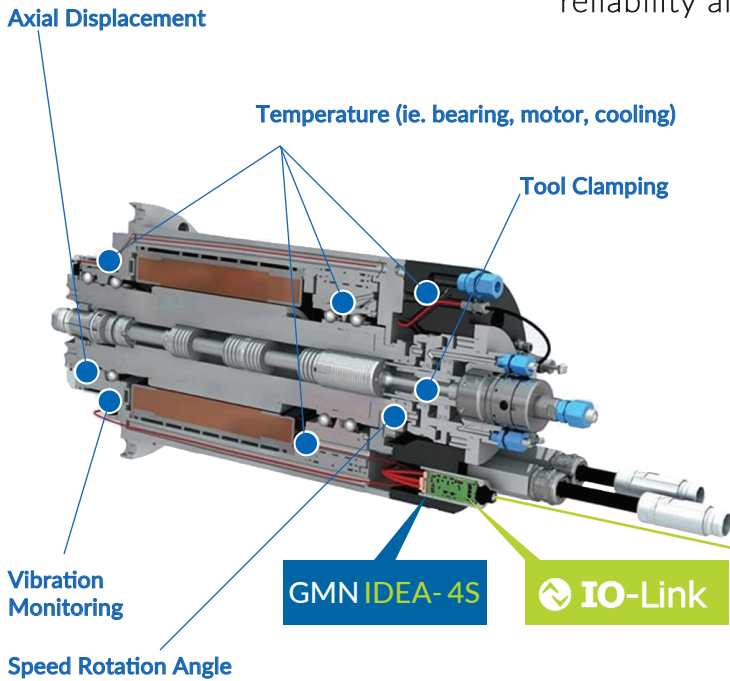


HIGH FREQUENCY DRIVES

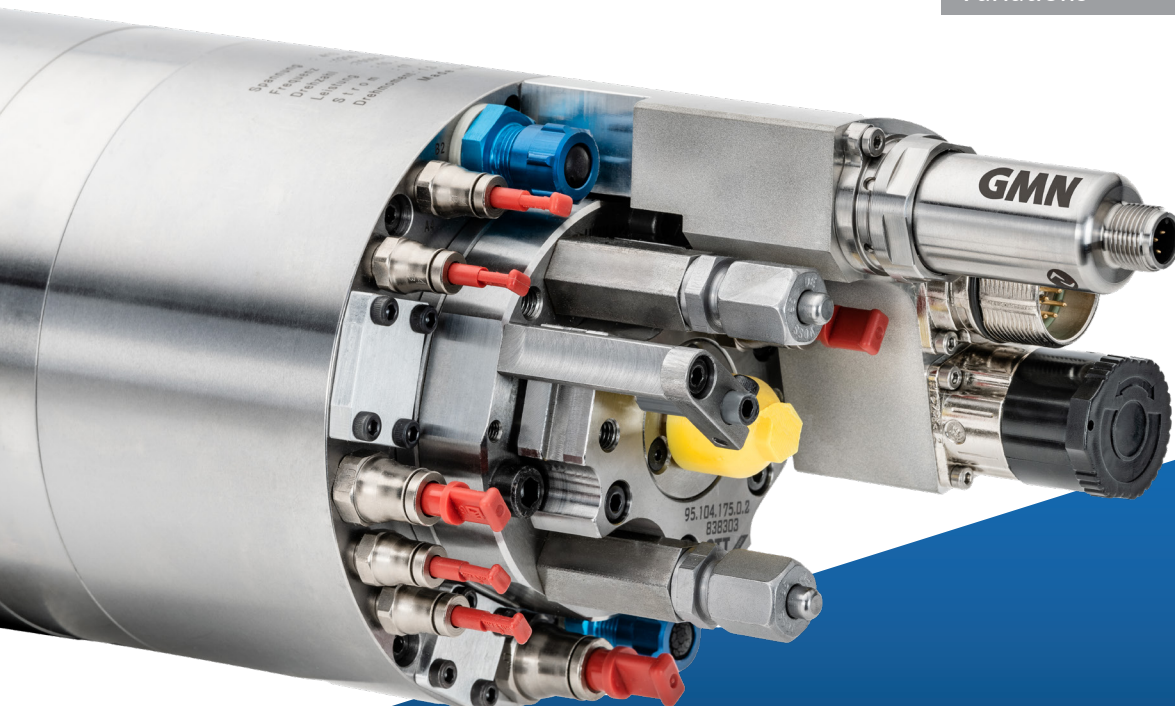


“IDEA-4S” SPINDLE MONITORING

GMN’s IDEA-4S offers a range of benefits, including automatic identification and tracking, transparent usage, and seamless machine integration. It enables digitalization, allowing for enhanced data monitoring and diagnostics. With fast diagnosis during service, the IDEA-4S ensures reliability and efficiency in spindle performance.



Optional Features	EIA- 485, Optical Fiber
Variations	Basic, Standard, Advanced



Scan the code for more details on each variation!

SERVING PRECISION DRIVEN INDUSTRIES

GMN USA provides high-performance spindle solutions for industries like [manufacturing](#), [process engineering](#), or [medical](#), where precision and reliability are critical.

Whether you need expert spindle repair or custom solutions, GMN USA's expertise keeps your operations running efficiently, delivering the quality and performance you can trust.

Manufacturing | Process Engineering | Medical

Aerospace | Automotive | Agriculture | Semi Conductor | Bearing Manufacturing | Pharmaceutical | Optical

Manufacturing

- Milling
- Grinding
- Drilling
- Sawing
- Gear production
- Super abrasive machining
- Woodworking



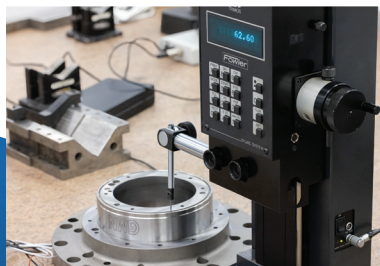
Process Engineering

- Pumps
- Compressors
- Turbines
- Generators
- Belt drives
- Auxillary drives
- Test stand applications
- Canning



Medical

- Syringe grinding
- Dental drilling
- Blade grinding
- Eye glass lenses
- Surgical scalpels
- Medical implants
- Diagnostic equipment
- Imaging devices



We are always focused on our valued customers, excelling in customer service and offer:

- ☑ Quick response time
- ☑ In-house precision spindle repairs
- ☑ Expert technical support
- ☑ OEM quality parts
- ☑ Engineering support

**CALL US TODAY FOR EXPERT SPINDLE REPAIR AND SERVICES
AND EXPERIENCE THE GMN USA DIFFERENCE FOR YOURSELF!**

Scan the QR code to learn more and connect with us!

Find Us on Social Media!

