



CORPORATE BROCHURE

R H Multisystems LLP

Precision Repair & Rewinding Solutions for Servo, Spindle & Torque Motors

Formerly known as Rajamane & Hegde Services Pvt Ltd

Est. 1997 | WSS India / Weiss Spindle Service established 2006

R H Multisystems LLP is a specialist repair partner for critical machine tool products, supporting customers with precision diagnostics, engineered restoration and OEM-standard workmanship. From servo motors and spindle motors to torque motors and related assemblies, RHM helps industrial users reduce downtime, recover performance and extend asset life through disciplined repair processes, trained technical teams and dedicated workshop infrastructure in Bengaluru.



Actual workshop, repair and testing visuals from RHM presentation / operations.

2,000+

SERVO MOTOR REPAIRS
ANNUALLY

500+

SPINDLE REPAIRS
ANNUALLY

3,200

SQ. FT. DEDICATED
WORKSHOP AREA

526

MACHINE MAKES
COVERAGE

EXECUTIVE OVERVIEW

REPAIR FOCUS

RHM delivers specialized repair, rewinding and overhauling solutions for servo motors, spindle motors, torque motors and associated machine tool assemblies. The organization combines systematic failure analysis, precise mechanical restoration, electrical testing and quality assurance to return assets to dependable service with controlled turnaround.

As an authorized service partner serving clientele across India and abroad, RHM supports machine tool OEMs and industrial users with a structured approach to fault localization, reporting, component replacement, balancing, alignment and final validation.

WHAT CLIENTS VALUE

- OEM-trained technical teams and process discipline.
- Dedicated servo and spindle repair infrastructure under one roof.
- Testing capability spanning electrical, mechanical and feedback parameters.
- Failure-cause reporting, warranty-backed repairs and site support.
- Capability to handle routine repairs as well as critical restoration jobs.

SERVICES & TECHNICAL CAPABILITIES

Servo Motor Repair & Rewinding

- Rewinding to original OEM specifications.
- Stator encapsulation using controlled repair practices.
- Bearing replacement with precision fitment and setting.
- Brake unit servicing and replacement support.
- High voltage, insulation resistance and surge testing.

Torque Motor & Rotary Axis Support

- Precision repair for rotary axis and torque motor assemblies.
- Encoder alignment as per OEM standards.
- Back EMF testing and feedback verification.
- Mechanical inspection, replacement and reassembly support.
- Systematic reporting on failure cause and remedy path.

DEPTH OF SERVICE

Every repair program is built around diagnostic clarity, controlled dismantling, careful component evaluation, approved material usage and measured reassembly. RHM's process extends from rewinding and encapsulation to encoder alignment, balancing, final run tests and closed-loop validation, helping customers regain both reliability and repeatability in mission-critical machine tool applications.

SERVICE CORNERSTONES

Operational Efficiency

Proven procedures that support reduced downtime and repeatable turnaround.

Systematic Diagnostics

Failure localization with clear root-cause reporting and remedy planning.

Quality Assurance

Multiple inspections, test runs and conformance to technical standards.

Spindle Motor Repair & Overhauling

- Shaft replacement and mechanical rebuilds.
- Complete overhauling and preventive maintenance.
- Dynamic balancing of rotors and rotating parts.
- Vibration analysis and condition monitoring.
- Professional packing, forwarding and warranty support.

On-Site Diagnostics & Commissioning

- In-situ / on-site troubleshooting and service intervention.
- Closed-loop testing with Siemens 828D CNC Controller.
- On-site spindle balancing and vibration analysis.
- Support for recommissioning and performance verification.
- Structured documentation for maintenance teams and clients.



Electronic test and diagnostic equipment supporting encoder, parameter and waveform assessment.



Precision diagnostic setup for alignment, measurement and condition analysis during spindle repair work.



Component-level repair craftsmanship for rewinding, restoration and controlled rebuild work.



Controlled motor test system for validation, performance checks and post-repair confirmation.

INFRASTRUCTURE, UNIQUE ADVANTAGE & INDUSTRIES SERVED

Only facility in India equipped to test synchronized integral spindles in closed loop as per OEM standards

RHM's unique testing capability enables monitored verification of synchronized integral spindle performance parameters, including temperature, vibration, tool seating and actuation-related checks. This creates a stronger confidence level in repair quality before the unit returns to production service.

STATE-OF-THE-ART REPAIR FACILITIES

Dedicated Servo Workshop

Infrastructure for repair, rewinding, assembly, run tests and feedback checks.

Specialized Spindle Workshop

Focused setup for spindle rebuilds, overhauling and precision restoration.

Hydraulic Press & Power Packs

Controlled dismantling, assembly and actuation support.

Induction Bearing Heaters

Thermal assembly support for precision bearing work.

Chiller Units

Thermal stability management during test cycles.

Smart Balancer

Advanced balancing and vibration analysis for rotating assemblies.

Tesa Height Gauge & Gauge Sets

Micron-level dimensional checks and fit verification.

Test Arbors / Power Check

Tool clamping and spindle-related force verification.

Heidenhain PWM9 / PWM21 Kits

Encoder testing capability for feedback systems.

UTE Alignment Kit

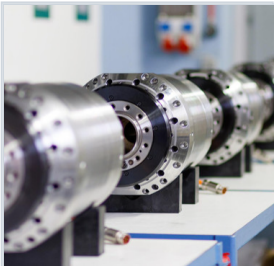
Precise encoder alignment as required by OEM standards.

Oil-Air & Coolant Test Support

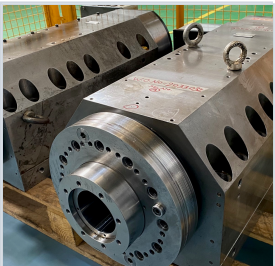
Auxiliary system checks for spindle applications.

Closed-Loop Validation

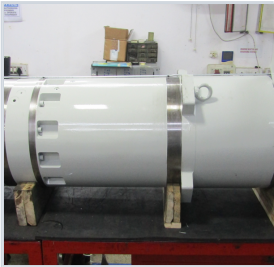
Functional confirmation beyond bench-level testing.



Industrial spindle units prepared for inspection, service and controlled restoration.



Heavy-duty spindle housings reflecting overhaul capability for large assemblies.



Refurbished spindle / motor assembly following detailed repair and rebuild work.



Critical spindle restoration visual highlighting large-unit precision repair expertise.

MACHINE MAKES COVERAGE

RHM reports service coverage across **526 machine makes**, with examples including **Kessler, Fisher, Omag, Junker, Omlat, Mitsubishi, Starrag, StepTek, Grob** and other major industrial brands. This breadth reflects application familiarity across varied machine platforms and operating environments.

INDUSTRIES & CLIENT SEGMENTS

Machine Tool OEMs

Automobile

Aerospace

Ordnance

Engineering

Die & Mould

Training Institutes

Robotics

3C Manufacturing

Elevators & Cranes

Printing & Packaging

Textile

Construction Materials

WEISS / WSS PARTNERSHIP



WSS India / Weiss Spindle Service strengthens RHM's spindle repair positioning through OEM-oriented alignment, application understanding and service depth.

AUTHORIZED SERVICE PARTNERS

SIEMENS

MITSUBISHI

Rexroth

FAGOR

BROTHER

QUALITY COMMITMENT

- OEM-trained teams operating under disciplined repair protocols.
- Warranty-backed repairs and comprehensive failure analysis reports.
- Use of controlled testing, balancing, alignment and final inspection processes.
- Capability to support both planned service programs and urgent critical recovery jobs.



Representative critical spindle restoration work from RHM presentation materials.



Finished rebuilt assembly illustrating recovery of performance through structured repair processes.

Tata Steel Limited — Critical Spindle Restoration

RHM executed restoration of a severely damaged long spindle unit, applying precision recovery practices, component correction and controlled rebuilding to bring the assembly back toward original operating condition. The job demonstrates RHM's ability to handle high-value, technically demanding spindle repair requirements.

Bharat Forge Limited — Heavy Duty Spindle Overhaul

The overhaul program involved systematic fault localization, shaft rectification and dynamic balancing for a heavy-load spindle assembly. This reflects the organization's structured approach to diagnosing root cause, correcting mechanical deviations and validating the assembly before return to service.

Motherson & Eqic Dies — Stator & Rotary Axis Repair

RHM supported stator rewinding and precision repair of rotary axis equipment, including encoder alignment and commissioning-oriented assistance. The case highlights the company's combined electrical, mechanical and feedback-system competence across machine tool applications.

CONTACT RHM

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Contact RHM to reduce downtime, restore performance and bring critical servo, spindle and torque motor assets back into dependable industrial service.