

**ferrum**

ferruCare Centrifuges  
**LIFETIME CENTRIFUGE OPTIMIZATION**



# MAINTENANCE AND SERVICE ENSURE OPERATIONAL INTEGRITY

With ferruCare Centrifuges, you ensure maximum uptime and optimal performance of your centrifuge. Benefit from regular maintenance, rapid spare parts delivery, and priority emergency support, minimizing downtime and extending the lifespan of your equipment. Trust Ferrum's expert service to keep your production running smoothly and efficiently.

## INSTALLATION AND COMMISSIONING

Perfect setup, optimum operation and reliable for intended lifespan



## MAINTENANCE AND SERVICE

Downtime reduction, peak efficiency, maximum ROI and longevity



## END-OF-LIFE

Decommissioning, environment friendly recycling and assistance for new machines



## OVERHAUL

Extended equipment life, technology upgrade, enhanced performance and competitive edge



# INSTALLATION AND COMMISSIONING

## EFFICIENCY THROUGH SMOOTH TRANSITION

### INSTALLATION

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ferruCare Centrifuges ensures a seamless and secure setup of your centrifuge, starting with a site readiness check to prepare the location.

The centrifuge is transported safely and stored securely until installation.

Certified experts then install and integrate the machine into your existing setup, with a dedicated project manager serving as your single point of contact for clear coordination.

#### YOUR BENEFITS

- + Setup adheres to manufacturer and **industry standards**
- + **Proper installation** avoids risks of future issues
- + **No premature wear and tear** of the centrifuge
- + **Operation machine** from day one
- + **Safety of operators** is ensured

### COMMISSIONING

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ferruCare Centrifuges commissioning involves on-site process experts who systematically start up your centrifuge, calibrate the machine, optimize process parameters, and validate performance parameters.

A detailed commissioning report is produced, and operators are trained to ensure efficient operation from day one.

#### YOUR BENEFITS

- + Commissioning by experts leads to **better efficiency, product quality and throughput**
- + Optimum process parameters ensure **maximum ROI**
- + **Costs savings** in the longer run
- + **Productivity** from day one



# MAINTENANCE AND SERVICE ENSURE OPERATIONAL INTEGRITY

## ESSENTIAL

Receive a standard spare parts set for the first two years of operation, ensuring your equipment maintains optimal performance.

## PREFERRED

Benefit from annual centrifuge inspections and servicing, along with a standard spare parts set provided for the first four years to keep your operations running smoothly.

### COST CONSCIOUS PACKAGE FOR REGULAR MAINTENANCE

- Operator training for daily maintenance tasks
- Service Desk for operational queries and minor issues
- Standard spare parts set for the first 2 years of operation

#### YOUR BENEFITS

- + **Trained operators** for proper usage and handling of the centrifuge
- + **Cost reduction** with price guarantee and spare parts availability for the next 2 years
- + **Genuine parts** from Ferrum

### ENHANCED PACKAGE WITH VALUE FOR PERFORMANCE

- Annual centrifuge inspection and servicing.
- Bi-annual dismantled centrifuge inspection and servicing.
- Standard spare parts provided for the first four years.
- Performance data analysis for improvement and upgrade suggestions.
- Expert consultations on complex operational issues.

#### YOUR BENEFITS

- + **Extended warranty** with comprehensive inspection and scheduled preventive maintenance from industry experts
- + **Lower maintenance costs** by addressing issues before they cause a breakdown
- + **Compliance with industry standards** for safe operation
- + **Service desk and priority response** for unforeseen issues
- + **Cost reduction** with price guarantee and spare parts availability for the next 4 years
- + **Detailed service** logs and maintenance reports

# SAFE

Guarantee operational continuity with up to two unscheduled and priority emergency visits in case of a breakdown, and a standard spare parts set for the first six years. Also includes bi-annual inspections and servicing of dismantled centrifuges.

# TAILORED

Customize solutions specifically tailored to meet your unique needs, ensuring a perfect fit for your operational requirements.

## COMPREHENSIVE PACKAGE FOR PRODUCTION CRITICAL OPERATION

- Max. 2 unscheduled and priority emergency visits in case of a breakdown
- Standard spare parts set for the first 6 years of operation
- Critical parts set based on the expert know-how
- Replacement of the critical parts

## OPTIMISED FOR SPECIFIC NEEDS OF OUR CUSTOMERS

- Tailored to match distinctive requirements
- Designed to precisely suit operational needs
- Customized to align perfectly with unique operational demands

### YOUR BENEFITS

- + **Availability of critical parts** and priority emergency visits ensures productivity and avoid the potential loss of revenue
- + **Direct access** to industry experts
- + **Priority customer service** in case of unexpected machine failures
- + **Cost reduction** with price guarantee and spare parts availability for the next 6 years
- + **5% discount** on further spare parts
- + **Detailed service** logs and maintenance reports

### YOUR BENEFITS

- + **Customised** solution
- + **Adapted** to specific usage requirements
- + **Flexibility** offering personalised approach to maintenance and service



# OVERHAUL

## ENHANCE PERFORMANCE AND EXTEND LIFESPAN

<b>PRIORITY RESPONSE</b>	<ul style="list-style-type: none"> <li>+ On-site initial inspection by industry experts</li> <li>+ Detailed discussion of your requirements</li> <li>+ Initial feedback about machine condition</li> </ul>	<ul style="list-style-type: none"> <li>Quick response</li> <li>Access to experts</li> </ul>
<b>DELIVERY TO FERRUM</b>	<ul style="list-style-type: none"> <li>+ Disassembly and transportation to ferrum (Local Entity)</li> </ul>	<ul style="list-style-type: none"> <li>Handled with care</li> <li>Piece of mind</li> </ul>
<b>IN-HOUSE INSPECTION</b>	<ul style="list-style-type: none"> <li>+ Fully disassembled and detailed inspection by experts</li> <li>+ Comprehensive feedback about state of the machine and assessment of your expectations</li> </ul>	<ul style="list-style-type: none"> <li>Expert decision</li> <li>Generating value</li> </ul>
<b>IN-HOUSE OVERHAUL</b>	<ul style="list-style-type: none"> <li>+ Upgrading and retrofitting your machine to the highest standard to fulfill latest requirements</li> </ul>	<ul style="list-style-type: none"> <li>Enhancement</li> <li>State-of-the-art technology</li> <li>Safety and compliance update</li> </ul>
<b>DELIVERY TO SITE</b>	<ul style="list-style-type: none"> <li>+ After overhaul transportation and on-site installation</li> </ul>	<ul style="list-style-type: none"> <li>Correctly setup</li> <li>Piece of mind</li> </ul>
<b>PROCESS OPTIMIZATION</b>	<ul style="list-style-type: none"> <li>+ On-site evaluation and optimization of current process by industry experts</li> <li>+ Training for operators on best practices</li> </ul>	<ul style="list-style-type: none"> <li>Enhanced performance</li> <li>Expert guidance</li> </ul>

**3%**  
New machine price

## STANDARD FACTORY REPAIR

Minimize downtime and maximise performance

- + Disassembled and assembled by specialists
- + Diagnostic evaluation by industry experts
- + Extend lifespan
- + Elevate productivity

**33%**  
New machine price

## SPECIAL FACTORY REPAIR

Step into the future and breathe new life into your centrifuge with our cutting edge overhaul service

- + Meet latest standard
- + Unlock enhanced performance
- + Extended warranty
- + Reduce carbon footprint
- + Faster but reliable turnaround

# END-OF-LIFE CUSTOMER-FRIENDLY RECYCLING FOR A NEW ERA



## UPGRADE SERVICE

Evaluation by industry experts to decide on end-of-life or upgrade



## DISPOSAL SERVICE

Eco-friendly options to dispose with possible recycling of parts



## REPLACEMENT DEALS

Replace old machines with new, potentially with a discount



## RESELL

Refurbish older machines and sell at reduced price

# FERRUM PROCESS SYSTEMS ALWAYS WITHIN REACH



- LOCATIONS
- REPRESENTATIVES
- SERVICE PARTNER

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LEARN MORE ABOUT  
FERRUM CENTRIFUGES

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