Service and repair center in Krefeld
Your service PLUS
ANDRITZ SEPARATION

Your full-service provider …

… serving your every need
from spare parts, second-hand, and rental machines, to local service, repairs, and modernizations. From initial consulting, through service agreements and process optimization, and on to training programs – all from a single source.

… with an enormous wealth of experience
from more than 55,000 machines and systems installed worldwide for solid/liquid separation.

… who is the OEM behind well-known brands
like Bird, KHD, Guinard, and many more.

… with teams and service centers
worldwide to guarantee local support.

Put our 150 years of OEM experience to work for you!
It all starts with our customers’ specific process requirements. And at the end there is a solution providing the best results. Day in and day out, for decades to come.

Our customers come from very different industries

Chemical industry
- Petrochemistry
- Pharmaceuticals
- …

Environment
- Wastewater treatment plants
- Energy producers
- Automotive industry
- …

Mining & Minerals
- Coal preparation
- Iron ore dressing
- Treatment of process waste water
- …

Food
- Breweries
- Dairies
- …
Our after-sales and support services cover the entire range for machines and systems of almost all brands used in solid-liquid separation.

**Worldwide service and support**

for non-stop productivity

MECHANICAL SEPARATION

- CENTRIFUGES
- BELT, DISC, AND DRUM FILTERS
- DYNAMIC CROSSFLOW FILTER
- FILTER PRESSES
- SCREWS, DRUMS, AND BELT PRESSES
- THICKENERS AND FLOCCULANT PLANTS

THERMAL SEPARATION

- PADDLE DRYERS
- STEAM PEELERS
- DRUM DRYERS
- DRUM PLASKERS
- BELT DRYERS
- FLUID BED DRYERS
- DISC PARTILITATORS

Local support

- Responsive local service centers and field service technicians

OEM spare parts

- Filter cloths, spare and wear parts from OEMs or with OEM level quality, all readily available

Repairs & upgrades

- Optimization of machine and process performance, repair work, retrofitting, and modernization

Service agreements

- Preventive maintenance contracts for spare parts, maintenance, inspections, repairs, upgrades, operation, and equipment monitoring

Second-hand & rentals

- Certified second-hand and rental machines

Process optimization

- Automation tools and process expertise to boost your profit

Training

- Operator training and tailored seminars for operating and maintenance personnel

Lab and on-site tests

- Lab and testing capabilities for process optimization and machine upgrades

OEM spare parts, Repairs & upgrades, Service agreements, Second-hand & rentals, Process optimization, Training, Lab and on-site tests, Local support.
Global presence
The key to local service
Service and repair center in Krefeld

Overview

Your added value from

- Inspections
- Repairs
- Wear protection
- Balancing
- Test runs

Facts

- 3,500 m²
- 45 highly qualified employees
- ANDRITZ production system (LEAN) guarantees value stream-optimized processes
- Health & Safety/Employee protection

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The core competence in our service and repair center in Krefeld lies in repairing centrifuges.

We guarantee efficient repairs for all centrifuge brands and models.
The key technologies at our service and repair center in Krefeld

We offer the following key fabrication technologies at our service and repair center in Krefeld.

**Welding**
- Welding of high-alloy steel grades and non-ferrous metals (incl. duplex, super duplex, Ni-based alloys, titanium, and tungsten carbide)

**Adhesive bonding**
- Adhesive bonding of metallic and ceramic materials

**Machining**
- Machining: Turning, drilling, and milling workpieces up to 8,000 mm in length and 2,000 mm in diameter

**Wear protection**
- Coating, build-up welding, carbide plating, ceramic coating, etc.

**Balancing**
- Flexible balancing, balancing at operating speed (high-speed)

**Test runs**
- Test runs with water, conducted at operating speed, frequency analyses, etc.

The following slides illustrate a service and repair process, based on the example of a scroll.
Quality check at manufacturer level (e.g. non-destructive testing such as ultrasonic and dye penetrant testing, etc.)

Dimensions inspection and reports

Photo documentation
Service and repair center in Krefeld

- Parts store until customer has approved the sales order
- OEM parts only (certified quality)
Service and repair center in Krefeld
Fabrication, grinding, machining

- Component check
- Refurbishment of parts according to OEM standards
- Relief-grinding of scroll flight to reduce torque
Service and repair center in Krefeld
Scroll production, machining

- Assembly of flights on scrolls
- Replacement of worn flights
Service and repair center in Krefeld

Wear protection

- All forms of wear protection (e.g. coating, adhesive bonding of ceramic plates, flame spraying, soldering of carbide plates, welding of back-ups, etc.)
Service and repair center in Krefeld

Balancing

- Decades of experience in balancing drums and scrolls (flexible balancing)
- Balancing at operating speed (high-speed)
- Balancing report
Decades of experience in assembly work
- Special installation devices for coated scrolls
- Overhauls and repairs for almost all types of gear box
- Check lists and inspection certificates provided
- Photo documentation
Test stand with customer center: Customers are invited to attend the test run.
Tests runs with water, conducted at operating speed.
Documentation and analysis of all parameters.
Frequency analysis.
Handling of the entire logistics process (packing according to form of shipping, shipping documents, dispatch).

Service and repair center in Krefeld
Test runs as well as packing and shipping.
Your added value from our experience and know-how at the service and repair center in Krefeld

Our all-inclusive package consists of:
- Inspections
- Repairs
- Test runs

- Your targets are our top priority
  We support your goals and fit in with your schedule
- Reduced outage
  thanks to preventive and regular maintenance
- Sustainable solutions
  from our professional team
- Best price, best quality
- Efficient repair service
  Prompt reaction and cost estimate, OEM know-how and inspections, as well as active customer communication
- Long-term partnerships
  to provide the very best response to all your service needs
Thank you very much for your interest and your attention.
andritz.com/separation
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