



How it works

Major service ensures continuous operation by replacing predetermined parts at regular intervals and checking for wear and tear, turning potential breakdowns into planned stops. Bearing health is critical, so major service is recommended based on running hours or specific intervals. The service uses a “major kit” with all necessary parts and can be performed at an authorized Alfa Laval Service Centre.

During the service, key decanter parts are disassembled and inspected, and any issues are addressed. Service engineers also check stationary parts, drives, and control systems, replace gearbox oil, and lubricate bearings, ensuring smooth operation until the next service.

How the services can be delivered



On site



Remote



Onboard



In service centre



Dry docking

Alfa Laval

Major service

For decanter centrifuges

Ensuring operation at optimal performance

Alfa Laval major service offers a customized preventive maintenance solution, supplying specific service kits with genuine spare parts such as bearings, o-rings, and gaskets. This helps extend your decanter's lifespan and ensures it operates with the most up-to-date parts.

This proactive approach reduces the risk of production losses from bearing failures and o-ring leaks, allowing you to operate confidently and minimize interruptions.

Our services help you to:

- Reduce unplanned downtime by 15%
- Extend equipment lifetime by 20-40%
- Reduce probability of production losses by 20%



Major service levels in Alfa Laval Benelux

Three service levels to meet your demands

We offer three service levels: Bronze, Silver, and Gold. This lets you choose the option that best meets your quality demands, available time, and budget.

Bronze - The minimum required

The Bronze level offers a cost-effective and efficient service option, perfect for routine maintenance needs. It includes a thorough visual inspection and the replacement of all sealing components and bearings. This service level ensures quick turnaround times, making it ideal for less demanding applications. For more critical or complex situations, we recommend considering our higher service levels to ensure comprehensive care and detailed analysis.

Silver - Added reliability

The Silver level offers enhanced service for your decanter, building on the essential Bronze level. It includes precise balancing of the conveyor and bowl, along with a basic inspection report of the most critical parts. This service level is ideal if you're seeking increased reliability and valuable insights beyond what the Bronze level provides.

Gold - For higher demands

The Gold level is our premier service option, designed to meet the highest quality standards. It surpasses the Silver level by including detailed measurements of all bearing fittings and sealing surfaces, high-speed balancing of the conveyor, and a comprehensive service report with measurements and photos of all components. This service level is ideal for highly demanding and critical applications, and for customers who want to minimize any risk. It is also recommended for machines with unidentified issues that require thorough investigation.

	Bronze	Silver	Gold
Scope	<ul style="list-style-type: none">• Disassembly• Cleaning• Visual inspection• Assembly	<ul style="list-style-type: none">• Disassembly• Cleaning• Visual inspection• Balancing of bowl and conveyor• Assembly• Basic reporting	<ul style="list-style-type: none">• Disassembly• Cleaning• Visual inspection• Measurements of all bearing fittings and sealing surfaces• Balancing of bowl and conveyor• High-speed balancing of conveyor• Assembly• Extensive reporting
Report	<ul style="list-style-type: none">• No reports	<ul style="list-style-type: none">• Basic inspection report including photos of the main components	<ul style="list-style-type: none">• Detailed inspection report including an extensive photo report and measurements of all bearing fittings and sealing surfaces
Lead time ¹	<ul style="list-style-type: none">• 2,5 working days	<ul style="list-style-type: none">• 3,5 working days	<ul style="list-style-type: none">• 6,5 working days
Downtime ¹	<ul style="list-style-type: none">• 4 working days	<ul style="list-style-type: none">• 5 working days	<ul style="list-style-type: none">• 8 working days
Select this if...	<ul style="list-style-type: none">• Speed is preferred• Decanter is problem-free	<ul style="list-style-type: none">• Balance control is important• Condition insight is required	<ul style="list-style-type: none">• Demand for quality is high• Decanter is facing problems• Maximum reliability is required

¹ Indication only. Lead time in pre-planned timeframe. Lead time may vary depending on machine size.

“Each service level has its own features, benefits, and limitations. The main differences are in the level of inspection, reporting, and the balancing scope. Discussing your specific needs lets us provide you with the most accurate recommendation.”

Erik Van Alphen
Service Sales Manager
Alfa Laval Benelux



The head office of Alfa Laval Benelux is in Breda, the Netherlands, alongside our Service Centre for rotating equipment. This fully equipped workshop maintains hundreds of units annually. We welcome you for a tour to see our work in action.

Contact Alfa Laval

Service and support

We are here to help you! Please share as much detail as possible regarding your needs, so that we can put you in touch with the best team to advise you.

