

GRUNDFOS SERVICE & SOLUTIONS



LASER ALIGNMENT

OPTIMIZING A CRUCIAL PUMP MOTOR COMPONENT

In order to achieve optimal efficiency in your pump and reduce wear and tear, the pump and motor shaft must be aligned precisely.

Based on detailed information about your installation and pump, a Grundfos service technician will visit your site and carry out a careful measurement. Following measurement, analysis and alignment work, you receive a test report containing details of the alignment status before and after the alignment process. The report subsequently validates the product warranty.

Laser alignment is applicable for all long-coupled pumps and is also used for fire systems. It reduces energy usage and operating costs, increases the pump's service life, lowers the life cycle costs (LCC) of the pump, and lowers noise levels.

REDUCED WEAR AND LONGER SERVICE LIFE

A laser alignment from Grundfos extends your pump's service life, as other components are not damaged because of shaft misalignment. Using laser optical technology, the motor shaft is aligned to a fraction of a millimeter, ensuring optimal pump efficiency.

HOW YOU BENEFIT FROM A LASER ALIGNMENT:

- ✓ Reduced energy usage and operating costs due to increased efficiency and reliability
- ✓ Lower LCC due to longer service life
- ✓ Reduced pump wear and vibration
- ✓ Lower noise levels
- ✓ Report with pump conditions before and after laser alignment

A GRUNDFOS LASER ALIGNMENT INVOLVES A FEW SIMPLE STEPS:

1. INITIAL CONTACT APPOINTMENT WITH CONSULTANT

A discussion of relevant site information gives us insight into areas for optimization and defines the next step.

2. DIAGNOSIS ON-SITE INSPECTION

Based on your input, we draw up a list of relevant pumps that will benefit from a laser alignment.

3. PROPOSAL DIAGNOSIS

Based on your input, we make a decision regarding which pumps are to be laser aligned.

4. FULFILLMENT RECOMMENDATION

We contact you to agree on a date and time for the laser alignment, and we then carry out the alignment.

5. ASSESSMENT BENEFITS

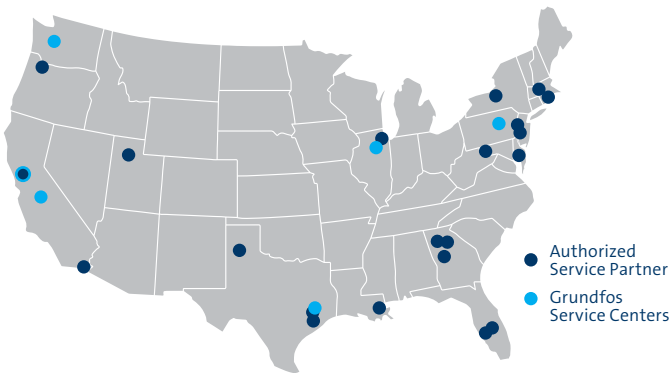
Your pump shaft is aligned perfectly, and you receive a report.

6. FOLLOW-UP LEARNINGS

We follow up on the service performed to ensure optimal service delivery and satisfactory Grundfos pump performance.



Grundfos offers exceptional service through our network of factory-authorized service centers and Authorized Service Partners (ASPs). We provide service to Grundfos brand pumps, including PACO, Yeomans, Chicago, Morris and Sewer Chewer, as well as any other brand you may have.



SERVICES WE OFFER

- ✓ On-site Repair
- ✓ Workshop Repair
- ✓ Genuine Original Equipment Manufacturer Spare Parts
- ✓ Energy Check
- ✓ Service Agreements
- ✓ Grundfos Extended Warranty
- ✓ Laser Alignment
- ✓ Flow & Pressure Measurement

Grundfos offers full-range, nationwide service for pumps and systems through our network of service centers and Authorized Service Partners. Our certified technicians provide on-site and in-shop repair for any major pump brand, including those used in large-scale water utility and industrial systems. From commissioning and maintenance to repair and replacement, we are committed to delivering quality service and products that reduce downtime and energy consumption.

CONTACT YOUR GRUNDFOS SERVICE PROVIDER OR SALES REPRESENTATIVE FOR MORE INFORMATION.

General	Grundfos Service Center
Service Centers	Address: City / State: Phone:

Visit grundfos.us/pei to learn more about Department of Energy (DOE) pump energy index (PEI) requirements and PEI ratings on specific Grundfos models.