



FLEX SUPPORT PROGRAM



UNPLANNED MAINTENANCE CONSUMES

60%
OF MAINTENANCE BUDGETS

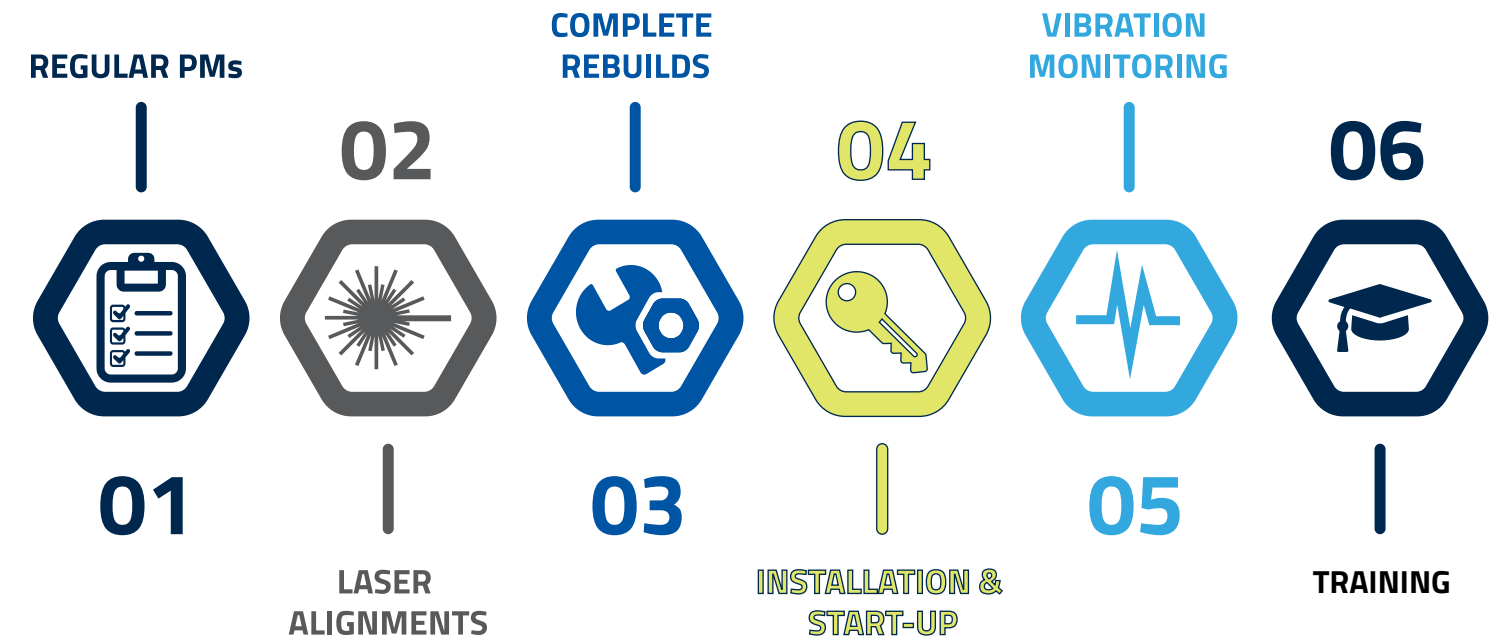


Unplanned repairs on fluid process equipment are typically 5-15x higher than proactive maintenance effort due to:

- Overtime
- Rush parts
- Emergency service vendors
- Scrapped production

If you could significantly reduce unplanned repairs, what would YOU do with the savings?

A SUCCESSFUL **FLUID PROCESS EQUIPMENT RELIABILITY PROGRAM** INCLUDES:



DOES YOUR TEAM HAVE TIME/SKILLS FOR IT ALL? With Crane's Maintenance Flex Support Program, you will.

With Crane Engineering's Maintenance Flex Support Program, you choose how much support you need to relieve the pressure on your team and catch up on work orders.

Make your job easier:

- No need to add and train more personnel
- Technicians that work well with yours
- Stay on top of repairs and maintenance with regular updates

Quality work done by industry experts

- Specialists in fluid process
- OEM authorized repair shop
- 1 yr warranty on OEM quality repairs

INTRODUCING MAINTENANCE FLEX SUPPORT PROGRAMS

REPAIR PACKAGE

Behind on repairs? Use our technicians to catch up.

We fill in time and expertise gaps for OEM quality rebuilds.

- Rebuilds to OEM specifications on pumps, gearboxes, mechanical seals, grinders, rotary screens, comminutors, and grit removal equipment
- Re-installation, laser alignment, in-place balancing

RELIABILITY PACKAGE

For those focused on driving down unplanned maintenance.

- Laser alignment
- Preventive maintenance
- Vibration analysis

FLEX TECH

Need extra help on a variety of fluid process equipment work orders? Book one of our Service Pros for any variety of tasks:

- Installation/start-up
- OEM quality rebuilds
- Storeroom inventory/assessment
- Laser alignment
- Vibration analysis

OUTAGE PACKAGE

When there's a scheduled outage, it's all hands on deck. Sometimes, there just aren't enough hands. Bring on an extra tech (or two or three) to help out.

- Preventive maintenance
- Complete pump rebuilds
- Installation/start-up
- Laser alignment



Crane team helps a food producer with pump rebuilds and seal replacements during a scheduled outage.

READY TO GET STARTED?



FOOD PRODUCTION FACILITY

Challenge:

Customer needed to complete many pump rebuilds and mechanical seal replacements during a planned outage. They did not have enough manpower to complete this much work at one time.

Solution:

- Provided outage support by completing rebuilds to OEM specifications
- Assessed spare parts inventory and advised the customer on which parts should be kept on hand
- Helped customer determine which parts should be ordered for outages in the future so next outage goes even smoother

Results:

- All pump rebuilds and mechanical seal replacements were completed on time
- Pumps received OEM quality service
- No leaks or issues on start-up
- Customer is better prepared for the next shutdown

INVESTMENT IN RELIABILITY PAYS OFF

A Wisconsin company experienced high pump failure rates and out of control maintenance spend.

Crane Engineering created an exchange program that ensured pumps were repaired to OEM standards and a spare was always available when needed.

The company saw a reduction in maintenance spend and an increase in time between failures.

BIO DIESEL PLANT

Challenge:

Unable to increase production and increase profit because of frequent breakdowns, lack of parts organization, and little experience inspecting and repairing pumps.

Goal:

Increase production by eliminating downtime.

Solution:

- Weekly service technician visits
- Pump rebuilds completed on-site
- Equipment installed is laser aligned
- Weekly assessment of spare parts inventory
- Monthly vibration analysis checks
- Buddy system for pumps - critical pumps have an A/B version.
- Spare pump for every pump.

Results:

- After 6 months, reliability took a positive turn
- Now produces 150% more biodiesel than before the program was implemented
- Every month is now a record breaking production month





TAKE A VIRTUAL TOUR!

Tour our office space and Service and Repair Center online!

Visit www.craneengineering.net/about-us/take-tour

Crane Engineering - HQ

707 Ford St
Kimberly, WI 54136

Phone: 920-733-4425
Fax: 920-733-0211

E-mail: info@craneengineering.net

Web: www.craneengineering.net

Crane Engineering - West

2703 Bauer St
Eau Claire, WI 54701

Phone: 715-832-3479
Fax: 715-832-7456

