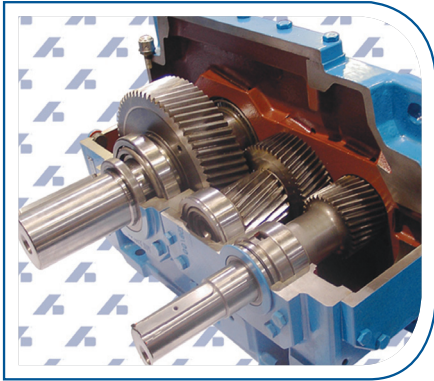
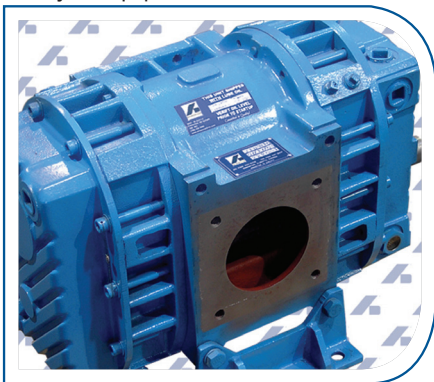


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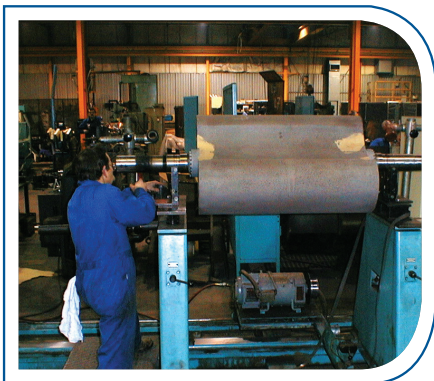
MECHANICAL REPAIRS & FIELD SERVICES



Our skilled trades people rebuild, overhaul and upgrade a wide variety of equipment



Bradken's blower exchange program decreases downtime



Dynamic balancing, vibration analysis and testing equipment

Edmonton, AB Canada

Mechanical Repairs

Our mechanical repair group is a leading provider of certified rebuilds, overhauls and upgrades for all types of mechanical and rotating equipment. This specialized service is performed on: blowers, gearboxes, centrifuges, pumps and pulp processing machinery, by our skilled millwrights in our dedicated mechanical repair facility.

Bradken goes beyond the basic rebuild scope, concentrating on achieving or exceeding factory specifications. We work with our customers to solve operational problems with their equipment; by providing solutions to maximize equipment life and reduce maintenance costs. All rebuilds are performed in accordance with our ISO 9001:2008 registered QA program.

Capabilities:

Rebuild, service and upgrade of:

- Trunnions (up to 48" diameter), thrust buttons and pillow block bearings
- Vacuum pumps, positive displacement (PD) blowers, vane pumps, liquid ring and centrifugal blowers
- Various brands, styles and configurations of gearboxes
- Centrifugal and positive displacement (PD) pumps
- Centrifuges and other rotating equipment
- Dynamic Balancing and vibration analysis
- Assembly and pre-commissioning of pump skid arrangements

Key Differentiators:

- Western Canada's largest blower repair facility.
- Our field services division handles all the removal and installation of damaged and repaired equipment.
- Downtime equals loss of money. To mitigate this loss, Bradken offers a blower exchange program.
- Utilization of the latest technology for: Dynamic balancing, vibration analysis and testing equipment. Examples of this include: A computerized blower test bench, decanter type centrifuge test frame and various hydraulic and electric rotary drives adaptable to most rotating equipment.

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MECHANICAL REPAIRS & FIELD SERVICES



Safety is the number one priority for our 24/7/365 field service crew



Rotating equipment repair, one of the services offered by Bradken



Bradken, the full service solution for industrial projects

For more information contact Bradken at: EngProd@bradken.com

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Field Services

We specialize in rotary drums, pump stations and general millwright services. In addition to this we provide precision alignment and vibration / balancing services. We offer one stop service capabilities for fabrication, installation, commissioning, repair and alignment of all types of rotating and industrial machinery.

At Bradken, we believe our employee's safety is paramount. We have a strong safety culture and ensure all field employees are fully trained to get the job done efficiently and safely.

Our fully equipped fleet of trucks and trailers handle the transportation of the needed manpower, equipment and materials to the job-site - 24/7/365. Careful planning by our project managers and safety officers, ensures that all services and repairs are performed with efficiency and minimal down-time.

Bradken's responsiveness is evident from the time a call is received: Our field services team immediately starts planning and gathering the materials, tools and briefing our trades-people on the situation and the "plan-of-attack".

Capabilities:

- Precision Alignment
- Machining Services
- Machine Base Fabrication & Installation
- Shutdowns
- Laser Alignment
- Rotating Equipment Installation & Repair
- Project Management
- Service Contracts
- Vibration Analysis
- Field Machining

Field Machining

Along with standard field machining equipment, we have designed and manufactured the strongest, fastest and highest production portable milling machine in the industry. This unique piece of equipment allows our specialized technicians the ability to perform flat / angle milling and drilling, boring and groove cutting on-site.



Specifications:

- 85" Travel Length
- 35° Vertical Head Movement +/- Centre
- 28" Travel Width
- 90° Horizontal Head Movement +/- Centre
- 60 - 3600 RPM Speed Range
- Feed & Speed are Infinitely Variable