

PREDICTIVE MAINTENANCE



DYNAMIC BALANCING

The process of correcting imbalance in rotating equipment (like fans or blowers) while it's running, reducing vibration and preventing premature wear or failure.



VIBRATION ANALYSIS

A technique that measures vibration levels and patterns in machinery to detect issues like imbalance, misalignment, or bearing wear before they cause downtime.



THERMAL IMAGING

The use of infrared cameras to detect heat patterns in electrical and mechanical systems, identifying hotspots or inefficiencies that could lead to failure.



LASER ALIGNMENT

A precise method for aligning rotating shafts using laser technology, ensuring optimal equipment performance and reducing mechanical stress.

QUICK TURNAROUND

EXPERT TECHNICIANS

CENTRAL LOCATION

We've helped...

LASER ALIGNMENT

HOSPITAL HVAC

A hospital faced a potential shutdown due to a failing HVAC blower, risking patient relocation and workflow disruption. We rebalanced the unit in place using precise laser alignment, keeping systems running without interrupting care.

THERMAL IMAGING

FOOD PROCESSOR COMPRESSORS

A food processor needed compressor repairs but was facing a high quote from the OEM. We provided a cost-effective alternative, using thermal imaging to assess performance and completing the work within warranty requirements-saving thousands.

VIBRATION BALANCING

SHINGLE MANUFACTURER BLOWERS

A roofing manufacturer was forced into monthly blower maintenance due to vibration issues. After diagnosing the root cause, we provided correct balancing instructions, cutting service down to twice a year and reducing wear, labor, and downtime.



MINIMIZE DOWNTIME

Predict and prevent failures before they happen, reducing downtime.



REDUCE COSTS

Lower repair expenses, optimize energy use, and extend equipment lifespan.



IMPROVE RELIABILITY

Ensure consistent performance and avoid production delays.



ENHANCE SAFETY

Identify potential hazards and prevent catastrophic failures.

OUR SERVICES



PREDICTIVE MAINTENANCE



IN-HOUSE REPAIRS



AIR COMPRESSORS