

New and Renewed

Precision Rotating Equipment



Our mission is to create exceptional value by providing quality repairs, services, and surplus equipment to help **solve problems and reduce costs and downtime** for our customers.

5

Gulf Coast locations

10

acres of surplus parts

Bearings up to

45"

manufactured and repaired

100s

of complete steam turbines in stock

More than

150

steam turbine and
compressor rotors in stock

Steam turbine repair up to

15,000

horsepower

More than

120,000

square feet of rotating machinery
manufacturing and repair space

More than

350,000

square feet of climate-controlled
industrial storage space

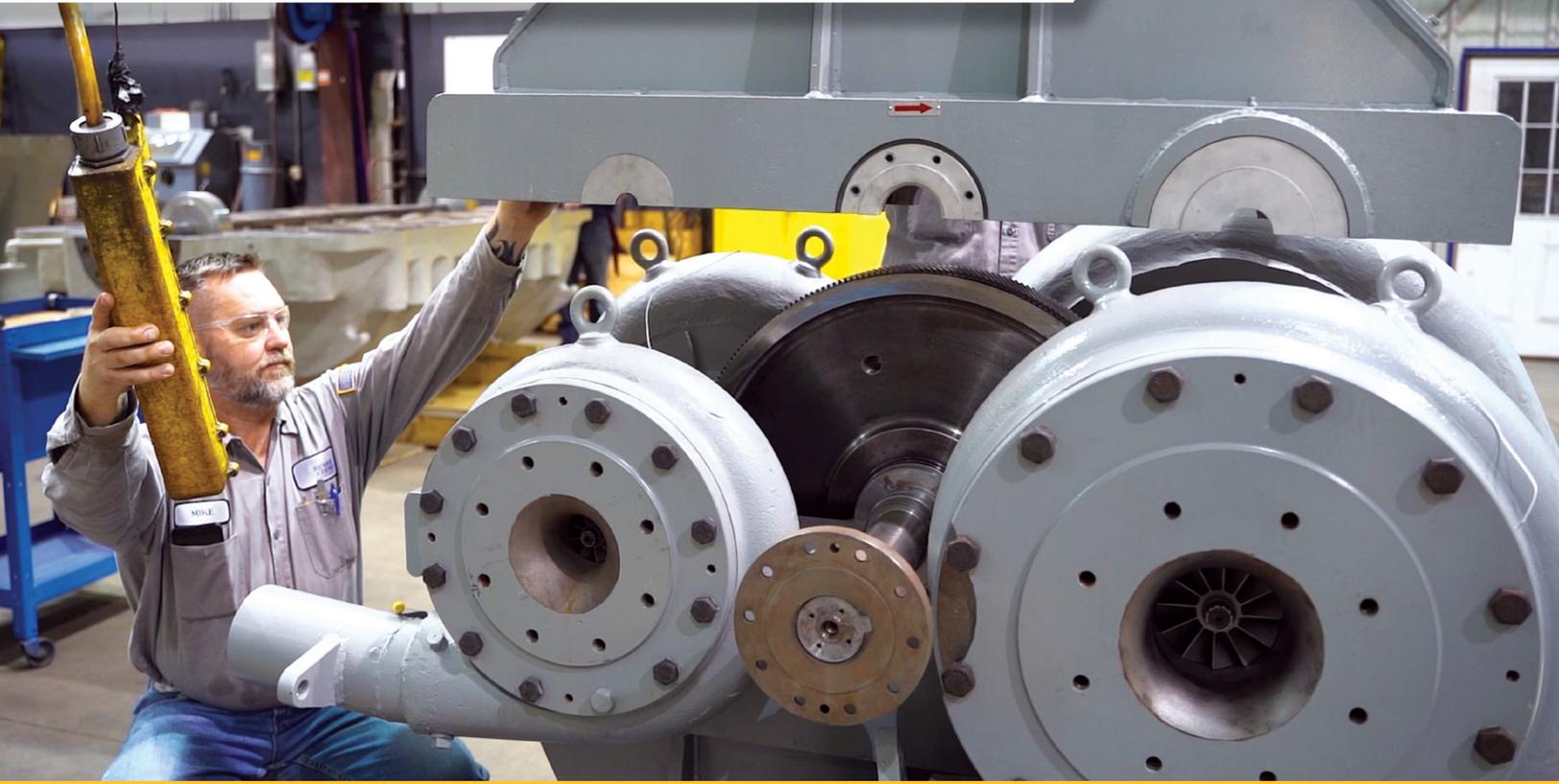
Rotating Equipment



Revak Keene Turbomachinery is a full-service repair, manufacturing, and industrial storage provider with facilities in Houston, Texas, offering a large inventory of all brands of steam turbines, centrifugal compressors, pumps, and gearboxes and their associated parts. We are also the largest independent industrial storage provider in the Gulf Coast region with over 350,000 sq. ft. of climate-controlled space where we maintain your mission-critical equipment.

Headquartered in La Porte, Texas, the foundation of Revak Keene Turbomachinery was formed in 1981. The complex consists of 120,000 sq. ft. of manufacturing space at the center of the Gulf Coast's highest-density petrochemical complexes in the world.

Specialized Services



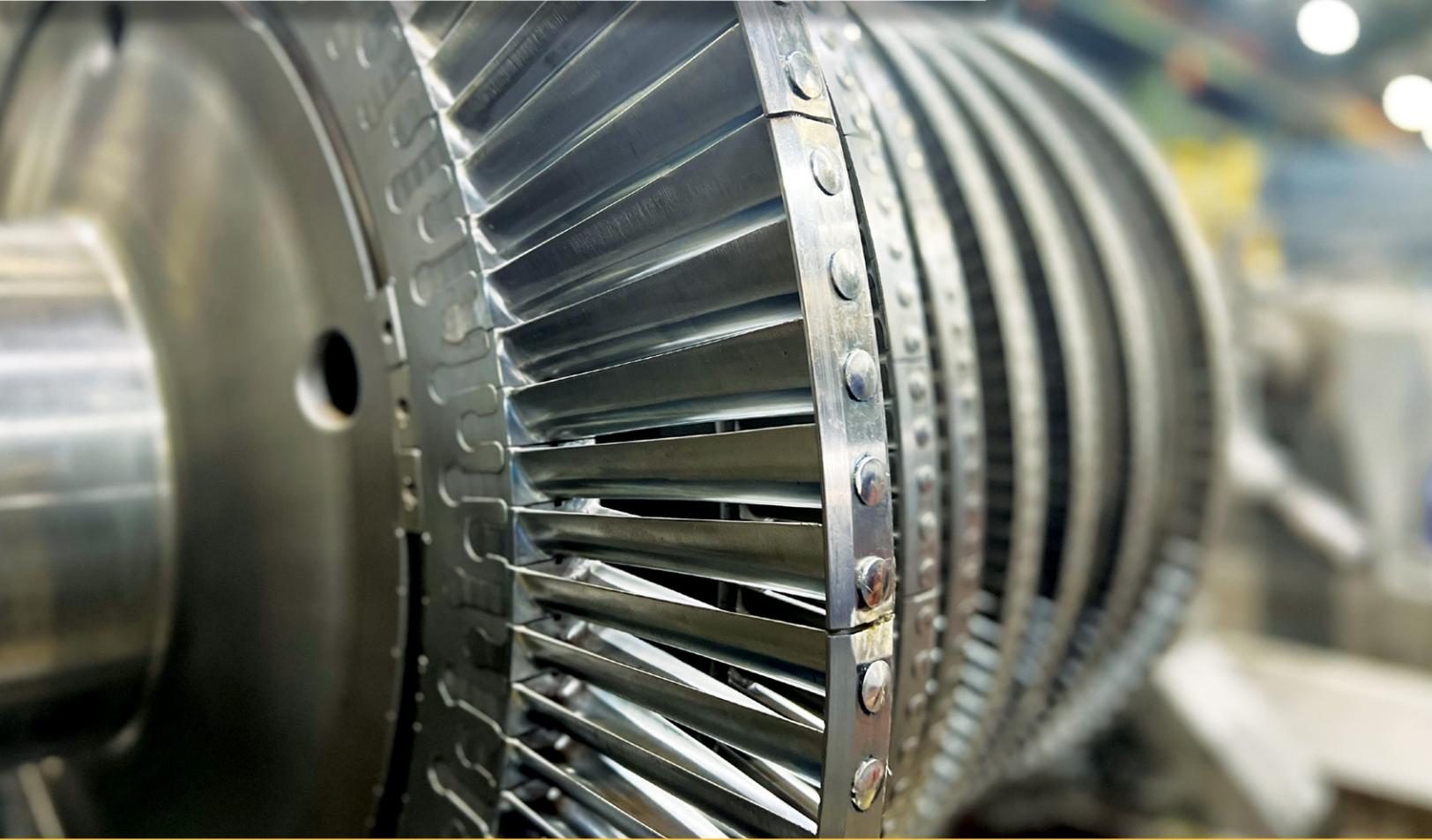
TURBOMACHINERY SERVICES

Revak Keene Turbomachinery specializes in repairs to:

- Large steam turbine repair up to 15,000 horsepower
- Single- and multi-stage
- Single-stage high-speed compressors
- Large multi-stage horizontal split compressors
- Integrally geared compressors
- Multi-stage high-pressure pumps used in boiler feedwater and other process services
- Large vertical pumps commonly used in flood control or cooling water services
- Refurbished gearboxes from our inventory
- Blowers
- Mixers



Optimize Your Asset



TURBINE REPAIR AND RERATING

Revak Keene Turbomachinery has a vast history of turbine rerates. Over the years, we have made modifications that changed capacity, speed, and efficiency on a wide range of machinery. In each rerate, we provide:

- Mechanical analysis and design
- Thermodynamic design
- Component modification
- Inspection of equipment and documentation
- Finite element analysis (when required)
- Critical speed analysis

Best-in-Class Bearings

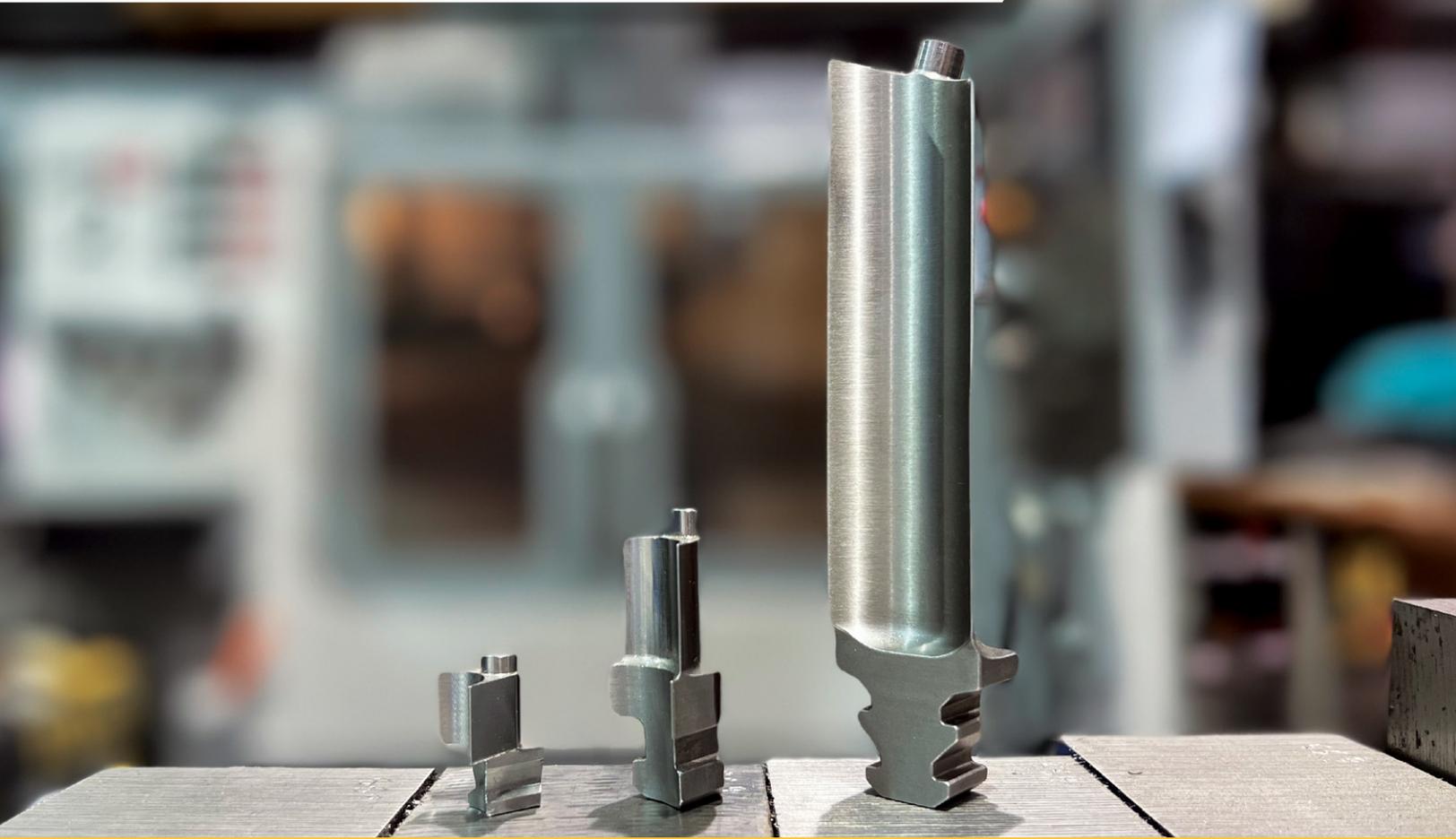


FULL SERVICE BEARING FACILITY

- 1989 – Bearing operation established
- OEM-qualified bearing repair shop
- Labyrinth seals
- Extensive capability to repair most journal and thrust bearings
- Reverse engineering and manufacturing of journal bearings and thrust bearings
- Ability to convert standard TPJ & TPTs to ball-and-socket style
- Emergency repairs in 3-5 days
- Journal bearings (up to 45 inch) OD
- Thrust bearings (up to 24 inch) OD
- Labyrinth seals (up to 36 inch) OD



Precision Engineering



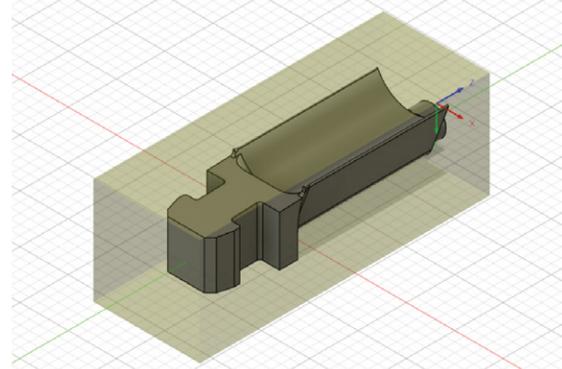
TURBOMACHINERY ENGINEERING AND CONSULTING

In-house capability to provide upgrades on steam turbine designs to include single- and multi-stage flow paths

- Rotordynamic analysis
- Finite element analysis
- Performance simulation

Reverse engineering capability

- Steam turbine stator and rotor blades
- Compressor impellers for industrial turbomachinery
- Laser scanning



Acres of Opportunities



SURPLUS INVENTORY

Revak Keene Turbomachinery owns hundreds of complete steam turbines as well as over 150 individual steam turbine and compressor rotors. We can provide component parts such as impellers, shafts, bearings, blades and bladed wheels. Our large inventory enables us to provide a quick delivery at a price that is always less than the OEM. All parts are guaranteed to fit your equipment and perform as designed.

Additionally, our parts division has thousands of steam turbine parts. Our normal stocking inventory includes complete turbine rotors, turbine wheels, radial and thrust bearings, carbon rings with springs, steam chest parts, reversing sectors, shafting and other hard-to-find obsolete parts. We manufacture new inventory from a large database of archived drawings. We can supply parts for most steam turbines. Please call us for pricing and delivery of your steam turbine parts.



So Much More



ADDITIONAL SUPPORT

We employ a full service shop on all governor makes

Hydraulic, electric, electro-hydraulic

Utilize three test stands to maximize turn-around time to your exact conditions

OEMs served

- Woodward, Tri-Sen, DYNALCO to name a few

Lube Oil Auxiliary Systems

- Steam turbine lube oil pump design to help protect bearings in critical applications
- Shaft-powered or motor-driven packages available with dedicated lube-oil tank arrangement
- Customizable design to optimize pressure, flow and temperature to optimize bearing life



The Most on the Coast: Industrial



INDUSTRIAL STORAGE

We are the oldest, largest independent provider of industrial storage for all turbomachinery and industrial mission-critical equipment, with over 350,000 square feet of climate controlled, dedicated space with 24/7 access and state-of-the-art security, including resilient power backup.

We can also provide preventive maintenance and repair services for any customer's equipment upon request. As machinery and storage experts, we know that some equipment requires more than just a clean, dehumidified storage space.

Additional services:

- Vertical rotor storage
- Motor heater energization
- Periodic shaft rotation (horizontally stored)
- Nitrogen purge maintenance
- Oil mist

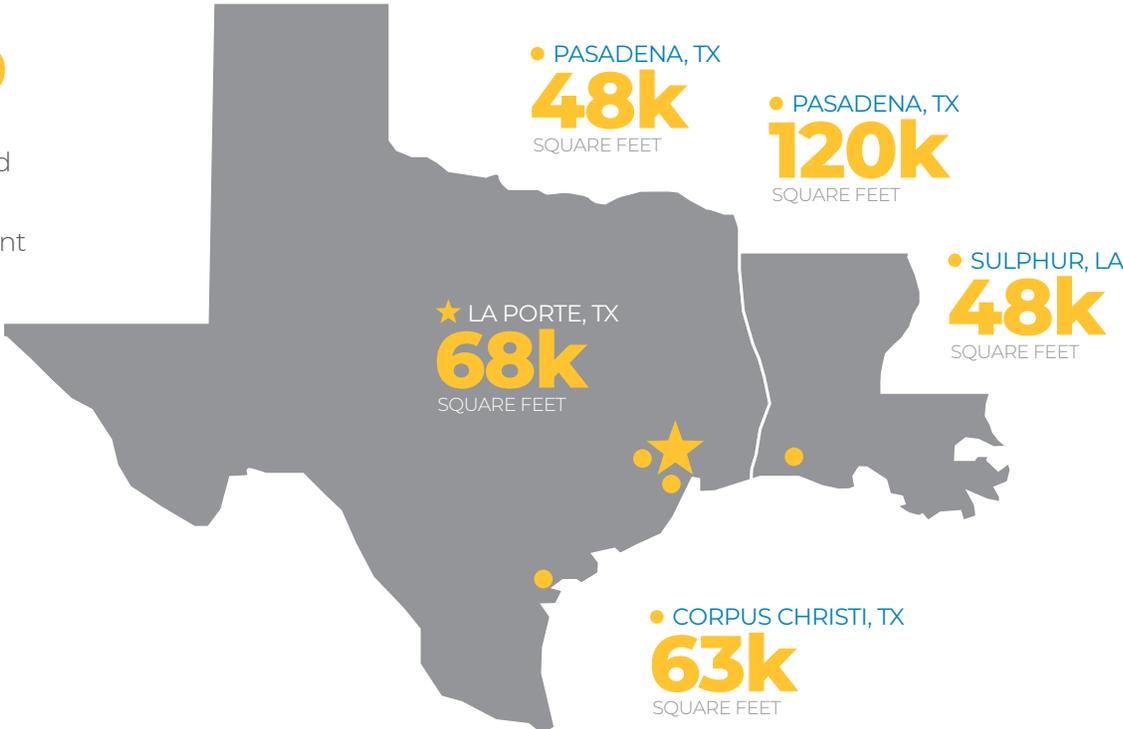
We store items such as

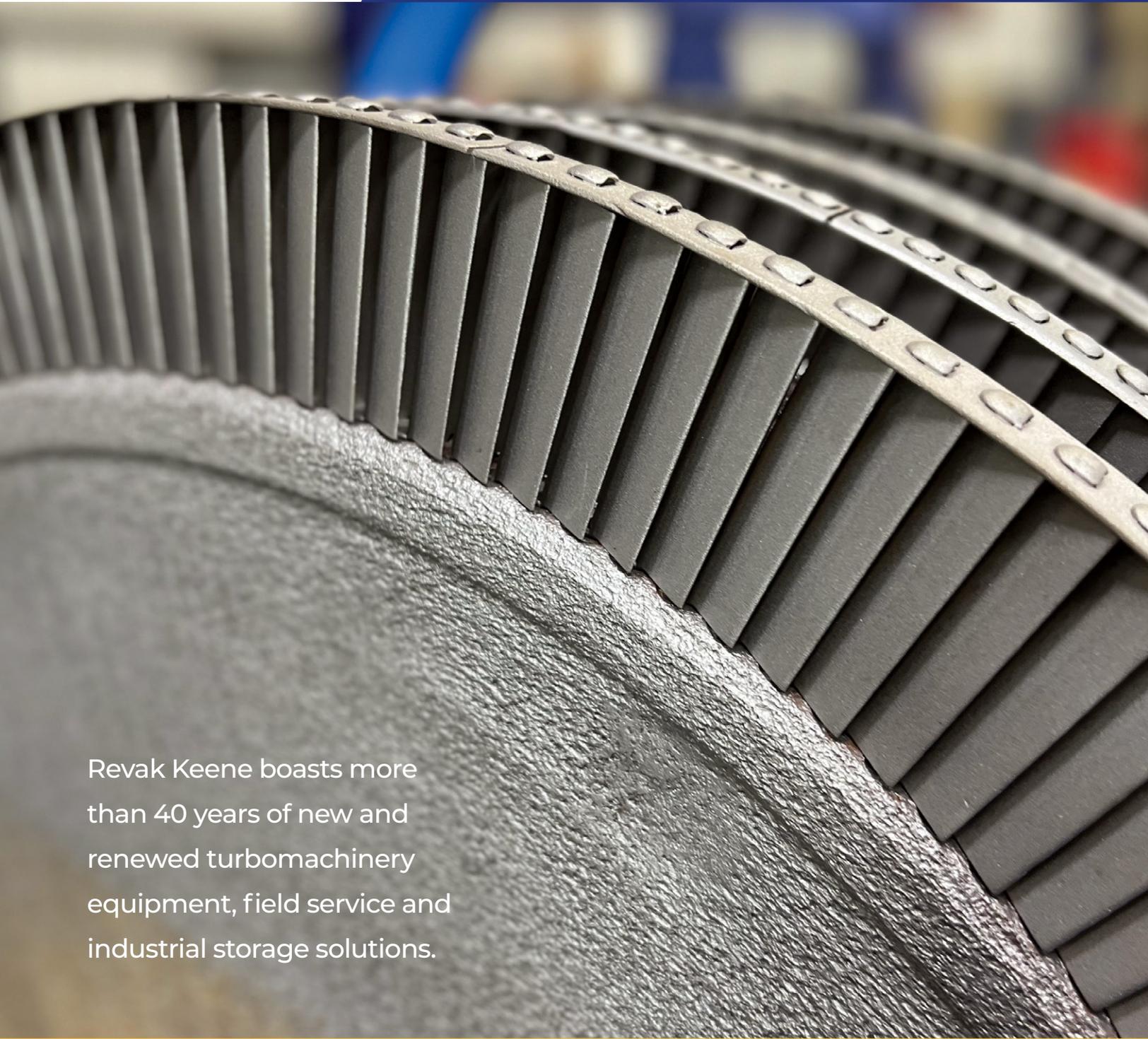
- Rotating equipment parts
- Capital projects items
- Shutdown-related items
- Process equipment skids
- Valves
- Conveyor rolls and belts
- Control/electrical panels
- Instrumentation
- Crated items

Storage Services



More than
350,000
square feet of
humidity-controlled
storage for critical
industrial equipment





Revak Keene boasts more than 40 years of new and renewed turbomachinery equipment, field service and industrial storage solutions.



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