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CONTACT INFORMATION

Texas Location:

Technos Corporation

7016 FM 3009

Schertz, TX 78154

PH (800) 218-3267

FX (210) 651-1258

Alabama Location:

Technos Corporation

3441-A Parkwood Rd

Bessemer, AL 35022

PH (800) 218-3267

E-mail:

info@technosfans.com

Web Link:

www.technosfans.com

TECHNOS **HOT TIP #18**

Field Repair Benefits

Repairs to existing equipment can be quicker and more cost-effective than buying new. Downtime is typically reduced and shipping costs are eliminated when critical equipment is repaired in place. Capital expenses can be significantly reduced when worn parts are restored to new conditions.



Aluminum Plant Emergency!

Technos Corporation received a frantic call on Sunday at 7:30 in the morning describing a fire that caused catastrophic failure on four fume fans at an aluminum fabricating plant. Within hours Technos personnel were ordering material and preparing to cut parts and turn stock to begin the new fan fabrication.

Within days the first new fan was delivered to the aluminum plant. By day six the second and third fan were being transported for installation to get the plant up and running. Also in the shipment were heat slingers and slinger guards to replace the fire damaged components. Complete insulated housings were shipped later to complete the emergency order.

A Technos supervisor was on hand to assist with the rapid repairs and worked all hours to get the equipment back on line. When the emergency was over the customer gave Technos a big "Thank you" for a job well done.



ENGINEERING SUPPORT

Our Engineering Department has the expertise to perform the most thorough analysis using cutting-edge computer technology.

- Natural Frequency Testing
- Finite Element Analysis (FEA)
- Shaft Critical Prediction
- Wear Control Improvements
- Metallurgical Analysis

FIELD SERVICE DEPARTMENT

- Emergency Repairs
- Laser Alignment
- Field Balancing
- Wheel Replacement
- Bearing Repairs
- Epoxy Grouting
- Liner Installation

PRODUCTS AVAILABLE

- Complete Custom Fan Assemblies
- Chrome Carbide Liners
- Dampers
- Expansion Joints
- OEM Projects
- Fan Housings
- Spare Wheels
- Screw Conveyors
- Coal Hoppers
- Shaft Seals
- Separators
- Kiln Seals
- Classifiers
- Ducting



Texas Sized Fans Repaired by Technos

Technos Corporation has the facilities to handle the biggest fans! This 143" diameter, DWDI fan weighs in at almost 55,000 pounds and is too big for many smaller repair facilities. We have the personnel and equipment to fabricate, repair, and install these larger fans. Our balance machines are capable of handling rotating assemblies from 25 pounds up to 100,000 pounds. These Texas sized fans are no match for our Texas sized shop!

Technos Capabilities

In Texas, Technos Corporation Fan Services is located on 10 acres five miles northeast of San Antonio with two large state-of-the-art facilities fully equipped with multiple welding machines, CNC cutting machine, positioners, lathes, press brake, milling machines, and precision balancing equipment. Our Technos facility in Alabama is located in Bessemer and is equipped to handle all of your fan manufacturing and repair needs as well.

Technos Corporation Fan Services has the expertise to design, fabricate, and install all types of industrial fans; including wheels, shafts, housings, dampers, expansion joints, and wear-resistant liners specifically designed for your requirements.

Technos Corporation Fan Services field crews are full-time employees certified and trained in all phases of fan repairs and safe installation. We respond to your emergencies and work safely to complete the job. Technos Corporation Fan Services never uses any temporary laborers.

Technos Corporation Fan Services offers the most competitive in-shop and field service rates in this business and we are ready to fulfill all of your industrial fan needs, 24 hours a day, 7 days a week.