



THE NEW YORK
BLOWER COMPANY

THE NEW YORK BLOWER COMPANY designs and builds the widest array of fans and blowers in the industrial process market. nyb's industry-leading fan selection/design software allows us to deliver the highest efficiency products, maximize fan availability and optimize life-cycle costs.

Our representatives work with plant engineers, maintenance and design teams to develop application-specific custom fan solutions that meet the exact requirements of the individual process. Our commitment to each customer is demonstrated by unrivaled site-support and continuing development of improved design, welding and fabrication techniques- all backed by our warranty. Our experienced field engineers and technicians are ready to assist, around-the-clock, for emergency repair, fan troubleshooting, fan assessment and preventative maintenance.

Further, we have the teams to service/repair/install replacement components or complete fans, regardless of the original manufacturer. Industries, processes and technologies continue to evolve. For over 130 years, The New York Blower Company will continue to evolve right along with them.

PRODUCTS & SERVICES

- ▶ Axial/Inline Fans
- ▶ Centrifugal Fans
- ▶ Custom Designed Fans
- ▶ Plenums Fan Arrays
- ▶ Pressure Blowers
- ▶ Fiberglass Reinforced Plastic
- ▶ Double Width Fans
- ▶ Packaged Fan Systems
- ▶ Steam Coil Products
- ▶ Ventilator Products
- ▶ Replacement Parts
- ▶ Emergency Repair
- ▶ Fan Troubleshooting
- ▶ Finite Element Analysis (FEA)
- ▶ Computational Fluid Dynamics

nyb.com

800-208-7918

THERMAL POWER GENERATION



Airfoil and Backward Curved Centrifugal Fans

Adjustable at Rest Axial Fans

Abrasion & Corrosion-Resistant Designs

Repair & Replacement Components for all
Manufacturers' Designs

Energy Efficiency Upgrade Retrofits



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APPLICATIONS

PA, FD, ID, BOOSTER,
SCR AMMONIA INJECTION FANS

The New York Blower Company offers a comprehensive range of products and services ideally suited for thermal power generation applications, both existing and new build. Nyb's wide variety of high-efficiency backward curved and airfoil impeller designs can be tailored to meet the demands of any installation. Our engineers have years of experience combating erosion, corrosion, and high temperatures; common challenges encountered in power generation applications.



TYPICAL FAN TYPES

▶ Centrifugal

Single and Double width, center-hung, W/Integral inlet box(es), Backward Curved and Airfoil Impellers

▶ Axial

Adjustable Pitch at Rest, Single or Multi-Stage, Arrangement 3, W/inlet Box, External Bearing & Motor, Internal Bearing Sealed from Airstream

FLOW CONTROL

▶ High-Efficiency Variable Inlet Vane Dampers

▶ Variable Speed/Frequency Drives

AVAILABLE DESIGN FEATURES

▶ Wear protection including A514, A36, Tungsten Carbide, and other wear resistant materials

▶ Housing scroll & cheek liners

▶ Split Housing Construction (customized per application)

▶ Access Doors

▶ Expansion joints at inlet/outlet

▶ Silencers Insulation, and Lagging

▶ Hydrodynamic sleeve or Antifriction Roller Bearings

▶ Catalog and Custom Designed Fans

▶ Temperatures to 850°F / 454°C