# IRON, STEEL & METALS INDUSTRIES







THE NEW YORK BLOWER COMPANY

(800) 208-7918 • nyb.com

**Centrifugal & Axial Fans** 

Fan Designs up to 1800°F

**Abrasion & Corrosion-Resistant Alloys** 

Repair & Replacement Components for All Manufacturers' Designs

**Energy Efficiency Upgrade Retrofits** 





## APPLICATIONS IN THE IRON, STEEL, & METALS INDUSTRIES

Fans are designed and constructed for metals and mineral systems applications ranging from basic ore production to finished products. The extreme process conditions necessary to produce metal products require rugged and application-specific fans at every stage. New York Blower offers products for these processes including combustion system fans; pre-heat, waste-gas, and scrubber fans, along with baghouse and fume exhaust fans. Fans for BOP and BOF scrubbers, steam exhaust systems on quench and caster lines, pickling fume exhaust, and furnaces in re-heat and forge shops are regularly supplied by nyb.

- Steel Making
- Sintering Plants
- Pelletizing Plants
- Blast Furnaces
- Coke Plants
- Dust Collector Fans

- Gas Booster Fans
- Cooling Air Fans
- Fume Exhaust Fans
- Cold-Reduction Exhaust Fans
- EAF Baghouse ID Fans
- Annealing Fans

- DEC Fans
  - EAF Fans
- Boiler Fans
- Combustion Air
- Pickling
- Pre-Carbon Fans



#### AVAILABLE DESIGN FEATURES

- Corrosion-Resistant Alloys
- Rubber-Lining
- High Efficiency
- High-Temperature
- Abrasion-Resistant
- Special Bearings
- High Speed Operation
- High Static and Outlet Pressures
- Chromium and Tungsten Carbide Linings
- High Strength Steel Alloys/Special Alloys



### **NEW YORK BLOWER COMPANY**

The New York Blower Company designs and builds the widest array of heavy industrial centrifugal and axial fans and fan components in the industrial process market. From supplying individual components for legacy equipment to complete fan systems, nyb delivers the products and support to 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 125 years, The New York Blower Company has and will continue to evolve right along with them.

#### **PRODUCTS AND SERVICES**

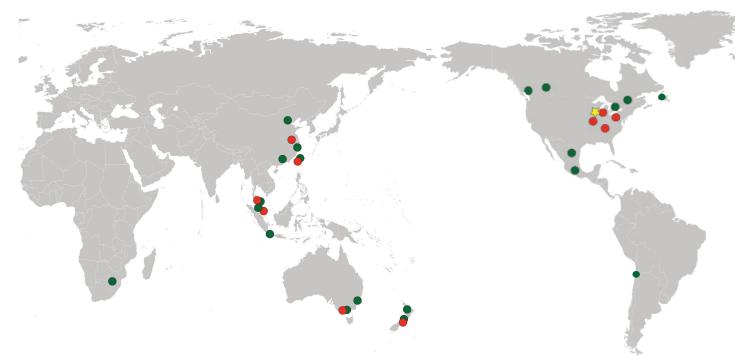
- Axial/Inline Fans
- Centrifugal Fans
- Custom Designed Fans
- Plenums and Double Widths
- Pressure Blowers

- Fiberglass Reinforced Plastic
- Process Heat or Plug Fans
- Packaged Fan Systems
- Steam Coil Products
- Ventilator Products

- Replacement Parts
- Emergency Repair
- Fan Troubleshooting
- Finite Element Analysis (FEA)
- Computational Fluid Dynamics
  - © 2018 The New York Blower Company

### Continuing to Expand Locations, Products and Services Worldwide

By expanding our manufacturing facilities and adding representatives from around the world, we are better able to serve our customers domestically and internationally. We now have 560,000 ft<sup>2</sup> manufacturing space in the United States. In addition, we own the largest indoor AMCA accredited laboratory in North America, which allows us to confidently and accurately test and rate our products for performance, efficiency, and sound.



#### Manufacturing Locations

#### **United States**

Effingham, IL La Porte, IN Leitchfield, KY New Castle, PA Australia - Melbourne China - Suqian Malaysia - Johor Singapore Taiwan New Zealand - Wellington

**Corporate Headquarters** 

#### Sales Representative Offices

United States - Over 50 offices (Not shown on map)

#### Canada

Calgary Montreal Saint John Toronto Vancouver **Mexico** Mexico City Monterrey Australia Melbourne Sydney China Beijing Guangzhou Shanghai Chile Huechuraba Indonesia Jakarta Malaysia Johor New Zealand Auckland Wellington Philippines Manila Singapore South Africa Johannesburg Taiwan Taipei



#### Member of Air Movement and Control Association

Willowbrook, IL

THE NEW YORK BLOWER COMPANY (800) 208-7918 • nyb.com