



Twin City Fan & Blower Products in the....

Automotive Market



Twin City Fan & Blower is an industry leading designer and manufacturer of high quality industrial fans. Our products are known for their rugged construction and reliable operation. Twin City Fan & Blower offers customers flexibility in fan design and construction, coupled with superior service before and after the sale.

Our extensive product line includes centrifugal fans and blowers, axial fans, and power roof ventilators. Units range in size from 1/4 HP exhaust fans to 2000 HP heavy industrial units.

Industrial fan applications include air and material handling, air cleaning, ventilation, cooling, heating, combustion

air supply, air pollution control, filtration and drying systems, fume hoods, spray paint booths, and exhaust systems. Special materials, construction, coatings, and accessories are available to fit any application requirements.

TCF&B's commitment to quality and dedication to customers has been our philosophy since the company started in the early 1970s. As a result, Twin City Fan & Blower continues to grow and provide fans throughout the world.

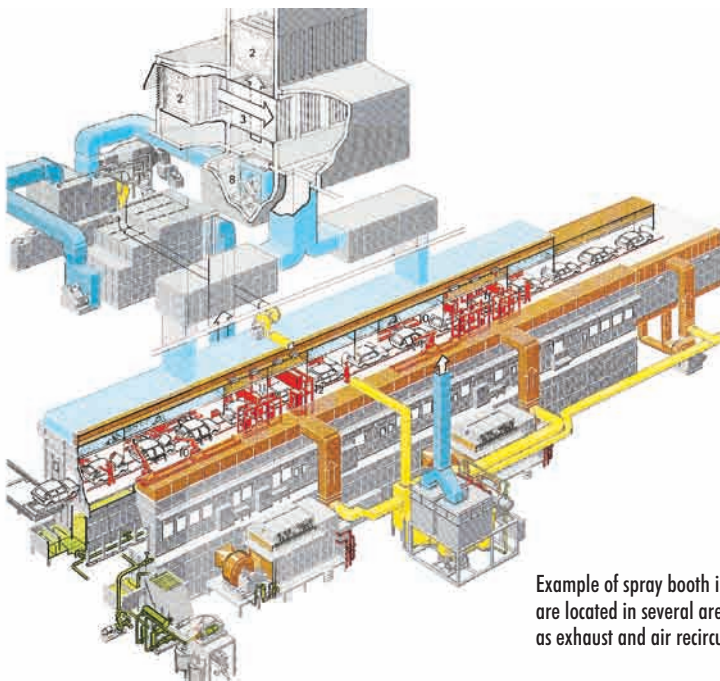


Corporate headquarters located in Minneapolis, MN

Fan Applications

The automotive industry utilizes fans in many different areas of the factory. Each of these custom applications require quality fans designed for durability, ease of maintenance and dependability. Some of the areas where fans are used include:

- Oven
- Spraybooth
- Air Supply and Filter House
- Enclosure and Deck
- Phosphate/Elpo
- Heated Flash
- Abatement
- General Ventilation



Example of spray booth in automotive factory. Fans are located in several areas, serving functions such as exhaust and air recirculation.

Products

Common products used for automotive applications include:

- BC** - Flat-Blade Backward Inclined Centrifugal Fan: Bulletin 300
- BAE** - Airfoil Centrifugal Fan: Bulletin 370
- BCS** - Backward Curved High Volume/Pressure Fan: Bulletin 400
- RBA** - Industrial Radial Blade Fan, Air Handling Wheel: Bulletin 902, 911
- TBNA** - Turbo Pressure Blower, Aluminum Wheel: Bulletin 1250
- JRW** - Compact Design Industrial Fan: Bulletin 800
- TCVA** - Vaneaxial Fan, Cast Aluminum Wheel: Bulletin AX100
- HIB** - High Efficiency Industrial Backward Curved Fan: Bulletin 1100
- MBO** - Heavy Duty Pressure Blower, Open Radial: Bulletin 1400
- MBR** - Heavy Duty Pressure Blower, High Pressure Air Handling: Bulletin 1400
- BCN** - Backward Curved High Pressure Fan: Bulletin 1450
- AFPL** - Plug Fan, Airfoil Wheel: Bulletin 350
- BFPL** - High Efficiency Plug Fan, Backward Curved: Bulletin 360

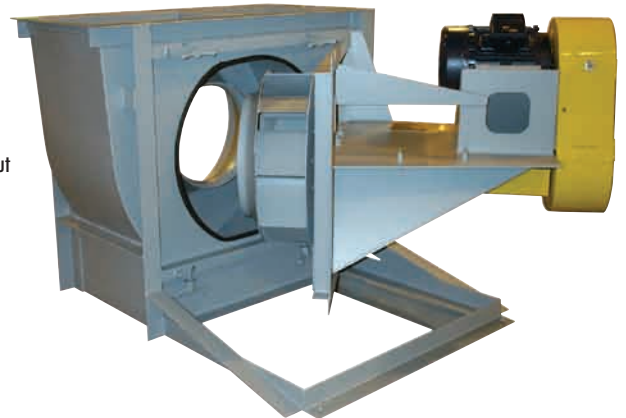
Special Features

Custom features are commonly necessary to meet specific application requirements. Twin City Fan & Blower takes pride in offering customers many special features required by today's automotive industry, such as:

- **Anti-Rotation Devices** - special TCF&B mechanical design requires no maintenance and prevents fans from spinning in the wrong direction when they are not operating
- **Pivot- and Slide-Style Motor Bases** - for easy, space-saving installation
- **Swingout Construction** - provides full access to the wheel and inner casing with space saving design without castor wheels and tracks for support
- **Type "C" Spark Resistant Construction** - ensures the safe handling of potentially explosive or flammable particles, fumes or vapors
- **Easy Access Belt Guards** - tools are not required for opening
- **Special Isolation Bases with Captive Isolators** - allows shipment of fans with isolators mounted, simplifies and reduces the time for installation
- **Isolation Bases** - oversized with raised platforms to clear roof curbs
- **Low Vibration Construction** - meets the stringent automotive specifications with innovative design features
- **Oversized Access Doors** - supplied as an option when required for easy maintenance
- **Stainless Steel Airstream** - used in highly corrosive environments in the paint system
- **Automatic Lubricators** - for easy re-lubrication of fan and motor bearings
- **Fully Clad Insulated Fans** - factory insulation offered in a variety of thicknesses (2", 4", 6") for heat and sound attenuation
- **Abatement Construction** - special construction features for pollution control applications
- **Special Nameplates** - lists fan, bearing, motor and drive data



BFPL fan used in spray-booth applications



BC fan with swingout used in spraybooth applications



Swingout fans in a paint booth application



Insulated fan used for an RTO application

Partial Experience List

BMW

Spartanburg

Caterpillar

Peoria

Chrysler

Auburn Hills
Brampton
Chicago
Detroit
Mexico
Newark
St. Louis
Sterlings Heights
Toledo

Ford

Amazon
Auto Alliance
Chicago
Dearborn
Kansas City

Ford (cont.)

Lorain
Louisville
Mexico
Michigan
Oakville
Rouge
St. Thomas
Venezuela
Wayne

Freightliner

Cleveland
Portland

GM

Argentina
Delta
Janesville
Lansing
Linden
Lordstown
Moraine

GM (cont.)

Oklahoma City
Orion
Oshawa
Wentzville

Harley Davidson

Tomahawk
York

Honda

Alliston
Marysville

Hyundai

Alabama

International Truck

Chatham

Kenworth Truck

Chillicothe
Seattle

Mercedes

Tuscaloosa

Mitsubishi

Normal

Nissan

Smyrna

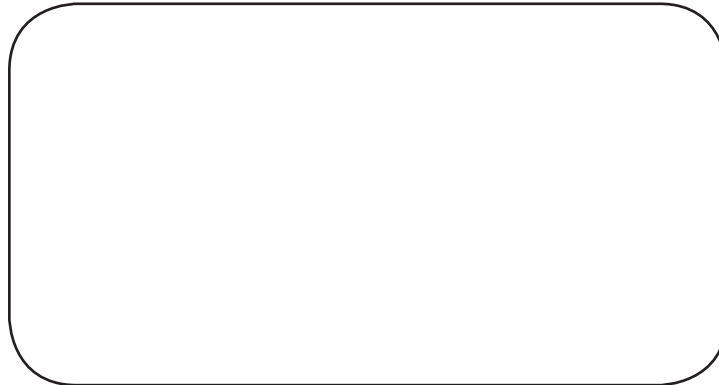
Paccar

Madison
Ste-Therese

Toyota

Cambridge
Fremont
Georgetown

The Twin City Fan & Blower sales representative in your area is:



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