IM-50
300-600 HP

inovair®
Geared Centrifugal Blowers

HIGHEST EFFICIENCY, LOWEST COST OF OWNERSHIP

BABA-COMPLIANT

The **IM-50** is the company's largest blower package, covering 300-600 HP and utilizing the company's proven gear-driven and oil film bearing technology. Inovair's long history of innovation and manufacturing leadership allows the company to deliver a unique combination of affordable capital cost and low annual operating expense. Driven by high efficiency, extreme durability, ease of service and industry standard components, this results in the lowest cost of ownership.



INOVAIR ADVANTAGES

- Highly Efficient (80% isentropic)
- Low/Annual Maintenance
- Low noise (less than 85 dBA)
- Unlimited Life Oil Film Bearing
- Engineered and Built in the USA
- Highly Flexible Control System

DESIGN FEATURES

- 300-600 HP with Single Compressor Stage
- Proven Reliability, 20-year Design Life
- Non-Proprietary, Industry Standard Components
- Proven Speed-Based Capacity Control
- In-House Panel Shop for Ease of Integration
- Industry Leading Turndown

TECHNICAL SPECS

Flow Capacity:	Up to 12,000 scfm
Design Pressure:	Up to 18 psig
Turndown:	60%
Motor Power:	300-600 HP
Drive:	Standard or Low Harmonic VFD Option
Input Power:	460V–575V
Impeller:	5-axis machined 7075-T6 Aluminum
Control System:	Advanced Integrated Controls (UL508)

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TOP MANUFACTURER FOR DECADES

Inovair has built a reputation over the past nearly 30 years for quality and excellence. As the **#1 player** in forced-air deicing, exclusive supplier to the US military and considered the "gold standard" for commercial airlines, **Inovair** is a trusted manufacturing partner. Our products are well known in the wastewater and general industrial industries for offering superior technologies and overall lowest cost of ownership. To complement our engineering efforts, we lean on our nearly 30 years of dominance as the leading automotive aftermarket supercharger supplier, where we serve applications up to 4,500+ HP in the most severe duty cycles imaginable.



EASE OF MAINTENANCE

No more broken belts or frequent belt changes. **Inovair** products are designed to be maintained in the field by the equipment operator in just a few minutes. All our maintenance tasks have instructional videos on our website. Total cost of ownership includes the cost of servicing the unit for the useful life. **Inovair's** products are engineered to require the least effort and lowest cost to maintain.

INDUSTRY-LEADING SUPPORT

Should an issue arise, **Inovair** technical and customer service, located at our headquarters in Kansas City, is ready to assist immediately. Our customers rave about the service **Inovair** provides before, during, and after the installation. Visit our website for testimonials on our superior service.

GET IN TOUCH WITH INOVAIR

At **Inovair**, we pride ourselves on offering our customers the efficiency and durability they need, with a solution that is simple to maintain and lowers the overall cost of ownership. When you choose **Inovair**, you get the best. Call us today to learn how we can help lower your costs.

SCAN FOR MORE DATA

DESIGNED, MANUFACTURED, & SERVICED IN THE USA

BUILD AMERICA BUY AMERICA BABA COMPLIANT

When it comes to a supplier's ability to deliver quality and availability, location matters. **Inovair** is not only headquartered in the heartland of America (with an office in California), but most operations, from engineering to manufacturing to service, are within the same facility. Our vertical integration means shorter lead times for parts and manufacturing. This creates a collaborative environment with lean design, manufacturing, and servicing practices.





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MADE IN THE USA

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