Miniature Fans and Blowers

Blowers for Pressurized Air and Suction Applications

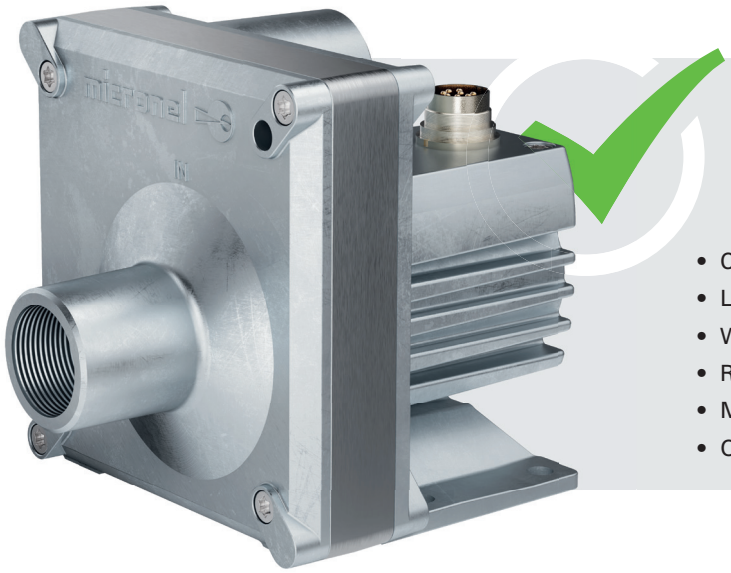
Reducing Operating Costs with Decentralized Blower Solutions

Saving energy not only conserves resources but is also good for your own balance sheet. That's why machine and plant manufacturers as well as production companies for demanding industrial applications rely on Micronel's high-performance blowers. The reliable high-tech solutions open new and more efficient application possibilities and promote independence in comparison with compressed air systems.

Thanks to their small size, Micronel blowers are suitable for decentralized installation. Placed directly at the point of use, in order to avoid pressure losses due to long supply lines and to save installation costs. Dynamic control allows power to be called up as required on demand, increasing the efficiency of the application.

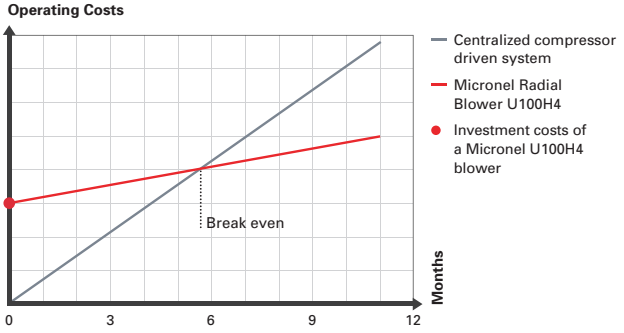
Pressurized Air Is Expensive!

Compressing air requires a lot of power and results in continuous pressure losses during transport from the point of generation to the point of consumption. This makes compressed air one of the most expensive forms of energy of its kind. For this reason, Micronel's powerful compact blowers are becoming increasingly utilized in the market for pressure and vacuum applications.



Advantages of Micronel Blowers

- Compact design and flexible positioning at point of use
- Lower operating costs with higher efficiency
- Work independently of existing compressed air systems
- Robust aluminum housing for harsh industry conditions
- Maintenance free and long lifetime
- Quiet operation with optional silencer and accessories



A Simple Calculation ...

compared to a conventional Air-Knife compressed air application, with an annual consumption of 60000 m³ air volume, a Micronel Radial Blower U100H4 (pressure 180 hPa, flow volume 860 l/min) with a power consumption of 100 watts pays for itself in energy savings after only half a year.

Drying and Blow-Off Applications

Air Cushion / Packaging

Pick & Place Applications

Suction Tables

The performance of the blowers is particularly evident in industrial applications, such as drying and cleaning processes, where high pressure and a considerable volume of air are required. But the blowers also are extremely advantageous in typical suction and extraction processes, such as pick & place processes or vacuum conveying technology. For these and a multitude of other applications, Micronel blowers can be used economically and flexibly.

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