

Miniature Fans and Blowers

Powering Air for Pick and Place



Pick and Place Applications

Pick and place machines are often an integral part in a goods manufacturing process. They are designed to position manufactured goods accurately and efficiently in a particular order through an alternating application of vacuum and pressure.

Due to a geometric compact and simple design, Micronel blowers are used for this process and therefore replace traditional compressed air.

Industrial solutions must be cost-effective and robust and have a long service life. The powerful axial and radial blowers from Micronel meet all these demands. Micronel blowers are used wherever sophisticated pressure and vacuum applications are needed. Typical areas of use with negative pressure are pick & place processes, vacuum conveyor technology, vacuum clamping plates, vacuum tables or anywhere requiring the extraction of dirt particles or fluids. Negative pressure or vacuum is used in manufacturing processes to fixate or transport production goods.

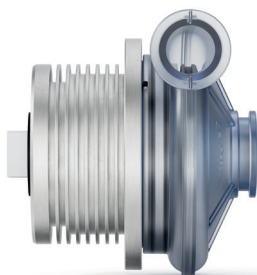
Micronel's precision-made miniature blowers are impressive due to their compact design and the use of the latest brushless motor technology in order to combine high pressure or negative pressure with high airflows. A low noise level, minimal energy consumption paired with unsurpassed reliability and an optimal service life distinguish the powerful Micronel products.



U51DL

Super-compact,
powerful blower in
highest quality!

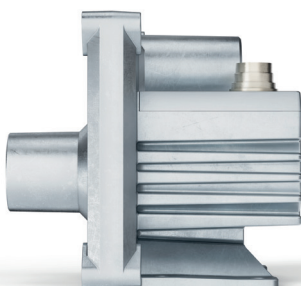
Supply voltage	12 and 24 V _{DC}
Static pressure	5 400 Pa
Freeflow	500 l/min
Motor controller	Integrated driver electronics



U85MX

Efficient high-performance
blower for high pressure
conditions!

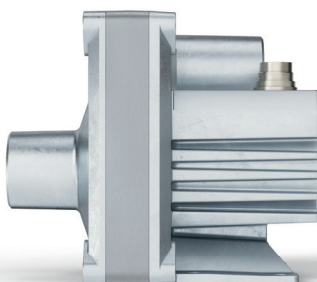
Supply voltage	21 V _{DC}
Static pressure	12 300 Pa
Freeflow	860 l/min
Motor controller	With/without integrated driver electronics available



U100HL

Super ruggedized
industrial, versatile
blower!

Supply voltage	24 V _{DC}
Static pressure	11 400 Pa
Freeflow	865 l/min
Motor controller	Integrated driver electronics



U100H4

The industrial power
blower – robust,
powerful and versatile!

Supply voltage	24 V _{DC}
Static pressure	18 000 Pa
Freeflow	860 l/min
Motor controller	Integrated driver electronics