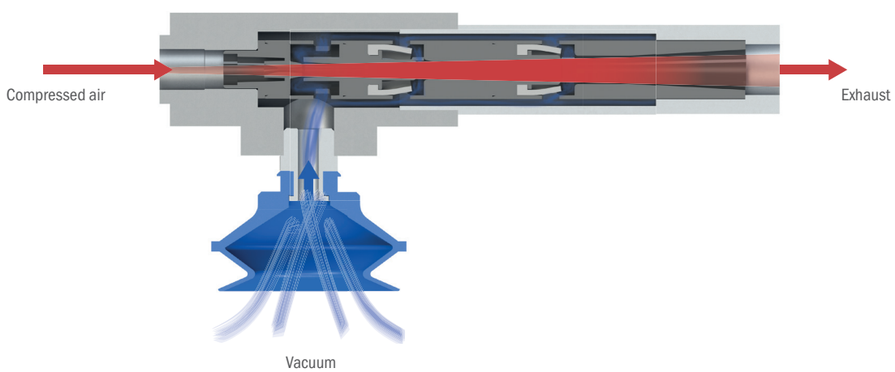
GIMATIC CARTRIDGE EJECTORS FOR INTEGRATED SOLUTIONS

Gimatic's multi-stage cartridge ejectors create vacuum using compressed air. Our vacuum pumps are compact in size, efficient and reliable, ideal to meet the integration requirements of our customers. They allow the development of flexible, modular and lightweight vacuum systems.

Modularity and flexibility enable to meet market changes, with reduced costs and increased productivity. Gimatic develops and manufactures products with high quality standards, which allow to improve production processes with reduced energy consumption.

OPERATING PRINCIPLE OF GIMATIC'S EJ CARTRIDGES

When compressed air passes through the nozzles, the air is sucked by means of the compressed air flow.
The suction is generated at each stage, resulting in the generation of vacuum.



LOW ENERGY CONSUMPTION AND REDUCED DOWNTIME

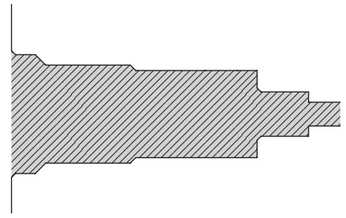
Integrating the EJ cartridges right into the machines enables to generate vacuum near the point of use, which makes the most of the energy employed and increases the operating speed, eliminating pressure drops and possible inefficiencies of the vacuum circuit.

INTEGRATION - ADVANTAGES

Bringing the pump closer to the point of use guarantees:
- Greater Efficiency
- Reduced energy consumption
- Better monitoring of the system
- Reduced gripping and release times

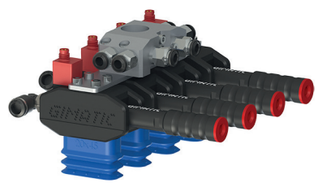
HOW TO INTEGRATE THE EJ MULTISTAGE CARTRIDGES

Simply make a hole and insert the suction cartridge to obtain a completely integrated vacuum system.



EXAMPLES OF INTEGRATION

EJ-SMALL cartridge in-line integration



Decentralised EOAT with rapid prototyping

Integration of EJ-MEDIUM cartridges on EOAT in rapid prototyping – Pick-and-Place application