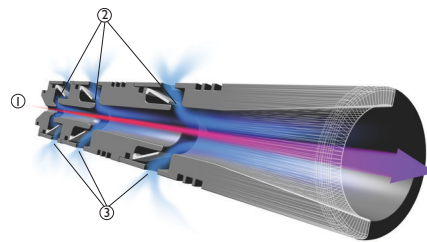


COAX® – A forerunner within air-driven vacuum technology



COAX® is an advanced solution for creating vacuum with compressed air. Based on Piab's multistage technology, COAX® cartridges are smaller, more efficient and more reliable than conventional ejectors, which allow for the design of a flexible, modular and efficient vacuum system. A vacuum system based on COAX® technology can provide you with several times more vacuum flow than conventional systems, allowing you to increase speed with high reliability while reducing energy consumption with up to 50%.

When compressed air (1) passes through the nozzles (2), air is pulled through with the stream of compressed air. Suction will be generated at the opening of each stage (3), resulting in vacuum.



COAX® cartridges exist in a 3-stage or 2-stage design in different sizes (MICRO, MINI and MIDI) and in several characteristics (Si, Xi, Ti and Bi/Pi) making them suitable for many applications. The technology ensures excellent performance at both low and high feed pressures (0.18-0.6 MPa, [26-87 psi]). Some cartridges are available in both 3-stage and 2-stage designs. The 3-stage is for increased vacuum flow and faster evacuation and the 2-stage is more economical and for applications where size and weight are factors.

The graphs represent ejectors that are equal in nozzle diameter-compressed air consumption.

