

Sulzer ejector for priming



There are many ways to pump the liquid from a sump. Now you can choose the process pump with the highest efficiency and best performance for your application and prime the suction pipe and pump with a Sulzer ejector. Ejectors can be installed for all standard process pumps, both as retrofits for existing installations and for new installations. It offers an easy solution for enabling fast, reliable and fully automated priming.

Easy to install and use

- Because the ejector and valves with actuators are installed to the piping, no additional modification to the pump is required
- The ejector requires pressurized air (4 - 10 bar) for priming, and electricity is necessary for the automated valves
- Either a local control box or a mill automation system can be used to control the ejector

Save energy while reducing your total cost of ownership (TCO)

- Pressurized air is required only during priming
- The ejector consumes no energy during normal pumping sequence
- The robust and simple design minimizes installation, maintenance and operating costs

Improved reliability

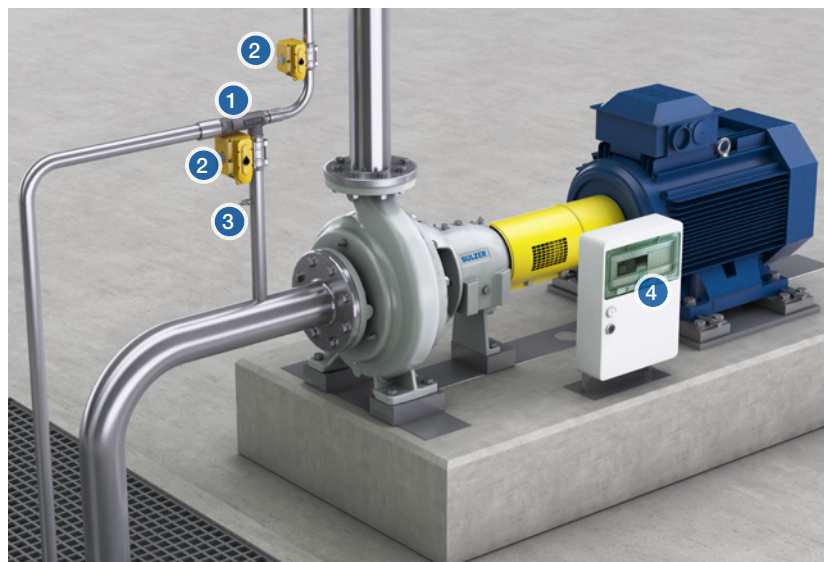
- Automated priming
- Easy to use
- Service-free with no rotating parts
- Manufactured in superior Duplex A890 Grade 3A material to ensure application versatility

Delivery scope

For fully automated priming, the Sulzer ejector package includes:

- 1 Sulzer ejector unit
- 2 Valves with actuators for motive air and ejector suction pipe*
- 3 Level-control switch
- 4 Control box with logic
- 5 Wires (5 m / 16.4 ft.)
- 6 Documentation

Sulzer ejector can also be supplied without automation package. In this case delivery includes only the ejector unit and automation diagrams.



*pump discharge valve is not included

Main applications



Oil and gas



Hydrocarbon processing



Power generation



Pulp, paper and board



General industry



Chemical process industry



Water and wastewater

- Clean and slightly contaminated liquids
- Seawater
- Liquids containing particles with max. size 3 mm / 0.12 inch

Operating data

	SI units	US units
Priming capacity	up to 8 l/s	up to 127 USgpm
Maximum priming height	up to 7 m	up to 23 ft.
Air inlet feed pressure	4 to 10 bar	58 to 145 psi
Air consumption	860 NI/min (6 bar)	32.3 SCFM (87 psi)
Temperature of pumped liquid	up to 90°C	up to 194°F

Performance range

