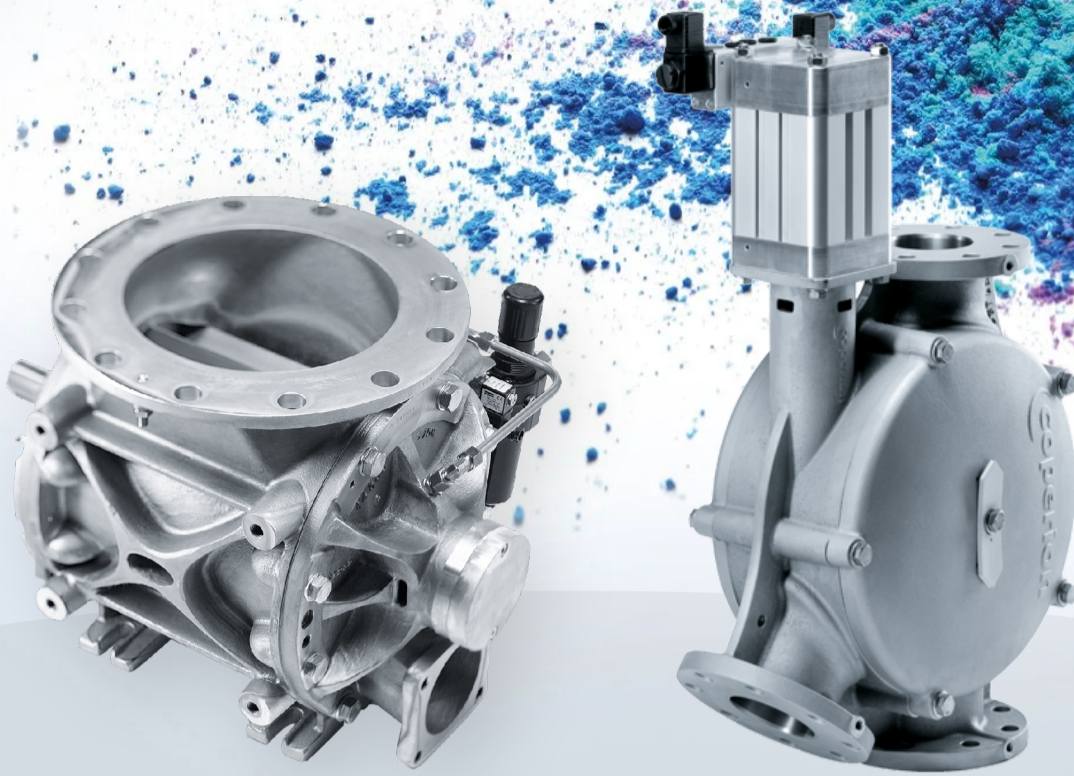


RELIABLE VALVES for Chemical Handling

Built to Conquer Tough
Chemical Handling Challenges



Extreme Temperatures

Chemical processes often involve high temperatures. Coperion valves are specially built to withstand extreme conditions with precision tolerances for the process temperature range - from freezing or hot weather to high-temperature materials and everything in between.



High Pressure

Many chemical applications deal with high-pressure differentials. Coperion valves are engineered with rotor and sealing designs to minimize shaft deflection to handle these pressures effectively, reducing premature wear and maintaining conveying rates.



High Abrasion Resistance

The abrasive nature of many chemicals can cause wear and tear on valves. Coperion valves come equipped with features like wear-resistant Duroprotect levels and innovative design elements to minimize abrasion and extend service life.



Easy Cleanability

Maintaining clean valves is crucial in the chemical industry. Coperion valves offer easy clean options such as full access rotor extraction devices and SGF anti-stick surface treatments to help minimize material buildup and in turn, reduce downtime.



Corrosion Resistance

Fight corrosion with our diverse material and coating options. A variety of coatings can be offered with solutions to best suit your needs for even the most aggressive chemicals.



Electrical Options

Our equipment complies with NFPA, ATEX, and international safety standards for hazardous environments. We provide a variety of instruments including rotation sensors for drive shaft monitoring, temperature gauges for critical tracking or airflow and pressure meters to ensure seals function properly. A wide range of electrical instruments are available to fit specific applications.

