

Parker Hannifin

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Why Parker

Parker Hannifin is the world's leader in development, production and sales of technologies, systems and components in the field of motion and control. Parker supplies products in nine technologies: hydraulics, pneumatics, electromechanical, filtration, process control, fluid and gas handling, sealing and shielding, climate control and aerospace. Besides products, Parker also delivers complete systems and power units. Parker is active in many different markets such as aerospace, chemical industry, food industry, oil and gas industry, transportation, agriculture, construction, medical industry, forestry, mining industry, processing industry, packaging, shipping, etc.

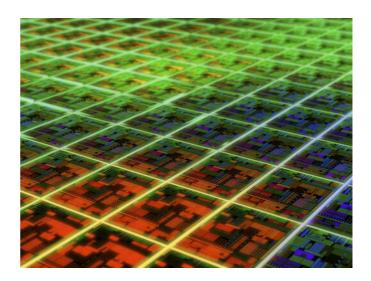
With annual sales exceeding \$13 billion in fiscal year 2018, Parker Hannifin is the world's leading diversified manufacturer of motion and control technologies and systems, providing precisionengineered solutions for a wide variety of mobile, industrial and aerospace markets. The company is active in 97 countries around the world.

Parker's engineering expertise and broad range of core technologies uniquely positions the company to solve some of the world's greatest engineering challenges. By partnering with customers, Parker improves their productivity and profitability and seeks new ways to solve humanity's biggest challenges.

Sealing opportunities:

Parker Hannifin's Seal Group is a leader in the design and manufacture of high performance sealing devices for the semiconductor processingindustry. From O-rings and composite seals made with ultra-pure per fluorinated elastomers, to thermoplastics, extruded profiles and beyond, we offer a *complete* line of components and systems.

In the semiconductor market, cleanliness and performance of seals is paramount in maximizing chip output and decreasing down time. Parker supports the market by continuously developing next generation compounds that are designed to improve MTBF and COO. Through extensive R&D efforts, Parker has developed HI Fluor[™] and ULTRA[™] lines of elastomeric compounds to support the semiconductor market in every process; from surface preparation to completed wafer testing.



Integrated Systems opportunities:

The benefits of selecting Parker KV as your systems integrator are:

- Over two decades of experience in providing system solutions world-wide
- Single part number ordering results in time and cost reduction
- Compact systems designs reduce physical space requirements

One of the largest cleanroom facilities to be foundin the pneumatics industry, with a total floor area of 380 square metres. It operates to ISO 14644-1, ISO Class 6 Standard, (FED Standard 209E, Class 1000) over the working areas and has its own dedicated material handling area and store. The Parker KV cleanroom contains over 24 square metres of Laminar Flow Cabinets operating to ISO 14644-1, ISO Class 4 Standard (FED Standard 209E, Class 10).