



**FOCUSED ON  
THE LASER CUTTING INDUSTRY**



ENGINEERING YOUR SUCCESS.

# FOCUSED ON CUTTING EDGE TECHNOLOGY AND INDUSTRY EXPERTISE

When success is measured in microns, the accuracy and reliability of your equipment is vital. That's where Parker comes in.

We offer a complete range of advanced compressed air and gas solutions, precision manufactured for laser cutting. From gas generation through to filtration, chillers, dryers and pipework, we look after the entire system. And by combining specialist industry knowledge with world class engineering expertise, we are able to provide important advances in performance and efficiency that give you the edge in the marketplace.

## Complete solutions for every laser cutting application

- Assist and purge gas generation and treatment
- Laser process cooling
- Efficient compressed air treatment for pneumatic automation and actuation
- Distribution systems for air and gas

## Performance and reliability

Bringing proven engineering quality together with advanced technology, Parker enables constant and reliable compressed air or gas for machine operation, assist gas, cutting and purge. It means you can be confident that your machine will deliver optimum cutting accuracy, time and again.

## Energy efficiency

Long term savings are built-in with Parker. We specify the most energy-efficient solutions, using innovative technology to set new standards – helping customers to meet sustainability targets and to enjoy dramatically reduced running costs over the product lifetime.

## Productivity and profitability

Maximum up-time means maximum profitability. Parker equipment is designed to provide optimum performance, over a longer operational period, and with fewer costly interruptions for scheduled maintenance or break-down. Bottom line; we improve productivity, we enhance profitability, we add value for the laser cutting industry.

“Parker was able to offer a complete and unparalleled air treatment solution for our cutting machines”

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General Manager,  
Laser cutting machine manufacturer



# FOCUSED ON THE COMPLETE SOLUTION FROM A SINGLE, INDUSTRY-LEADING MANUFACTURER

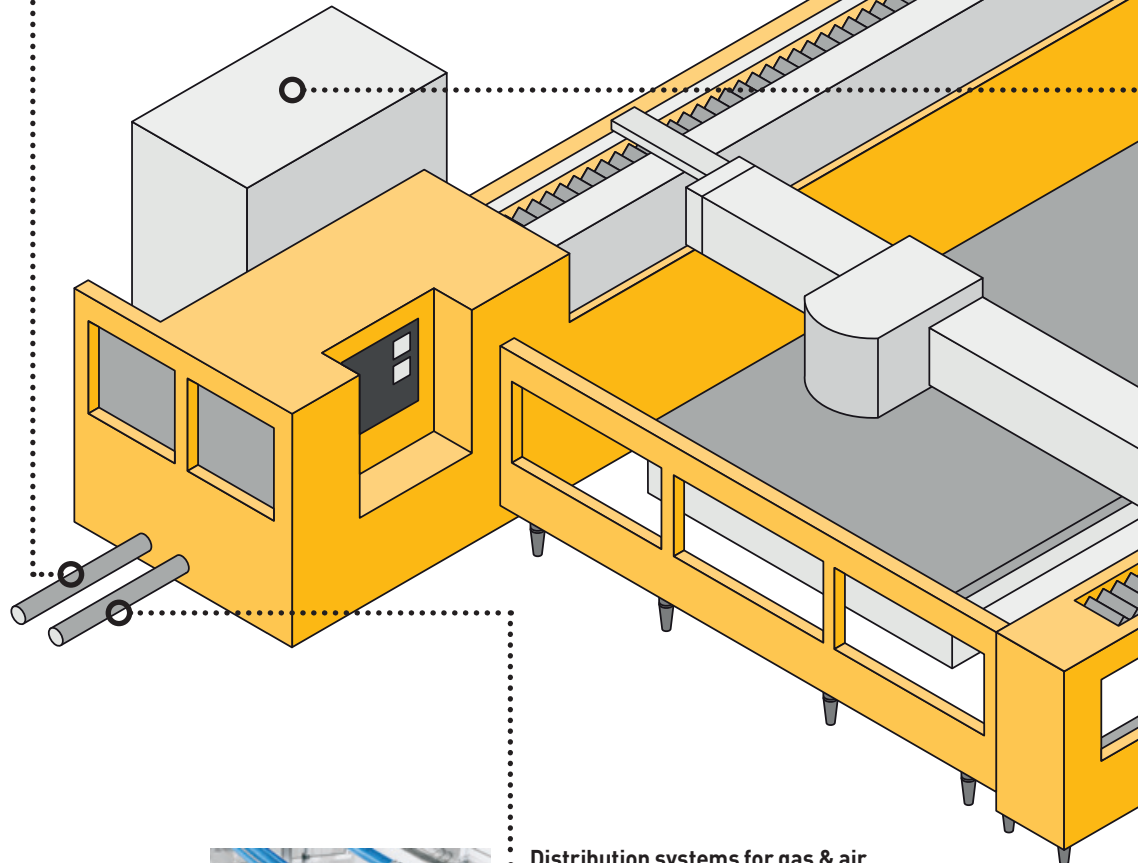
Performance. Profitability. Efficiency. Reliability. When it comes to laser cutting, Parker delivers everything you need for successful operation.



## Assist and purge gas generation & treatment

Clean dry compressed air and nitrogen gas generation providing the lowest lifetime cost in the market, for unmatched profitability

- Highest output
- Highest efficiency
- Lowest maintenance
- Lowest energy consumption



## Distribution systems for gas & air

The high performance pipe system for rapid reconfiguration and maximum production flexibility

- Lightweight construction
- Corrosion resistant
- Quick-connect interlocking design
- Total system integrity

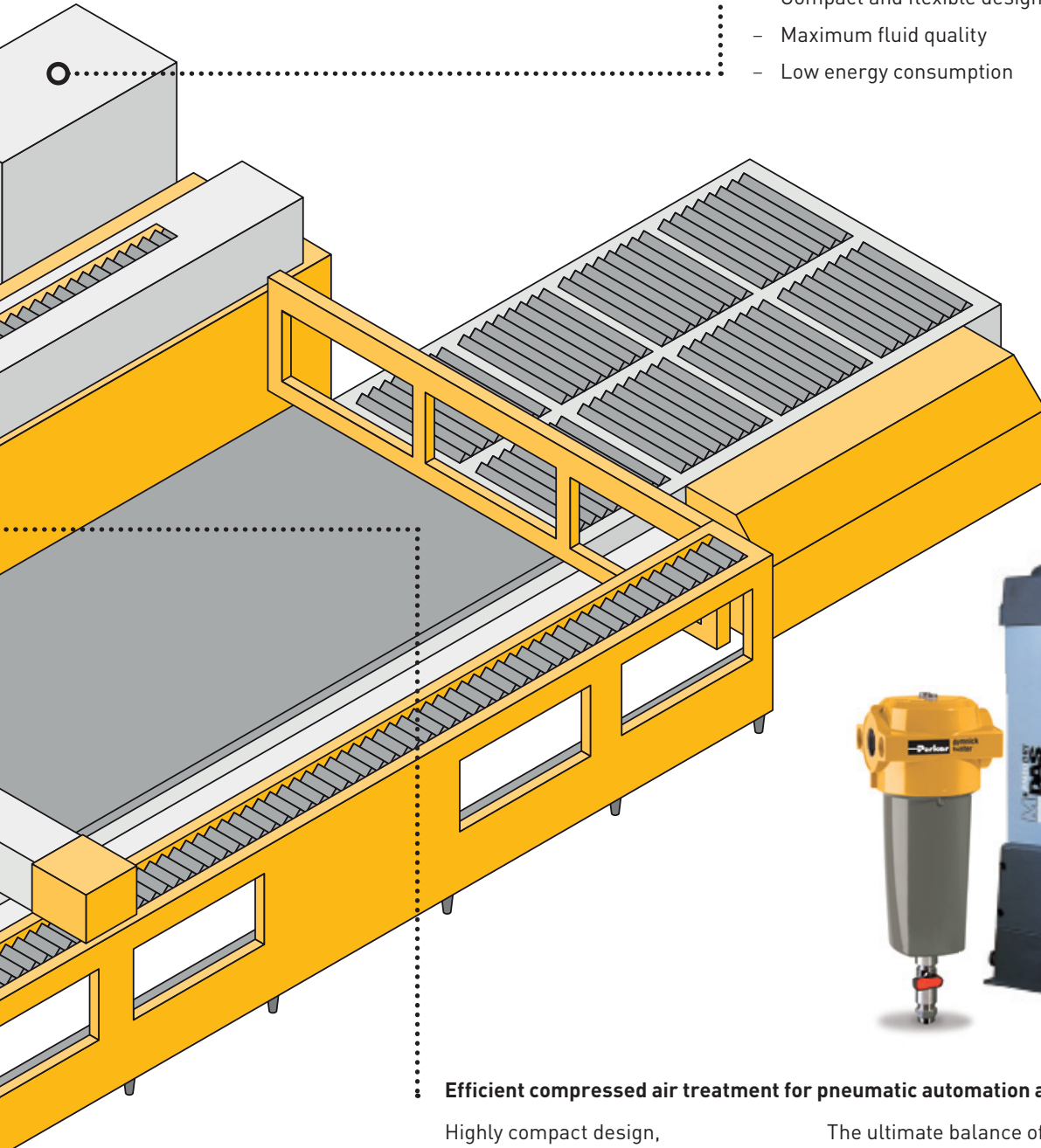




### Laser process cooling

Cost efficient, versatile solution for accurate temperature control

- Precision temperature management
- Compact and flexible design
- Maximum fluid quality
- Low energy consumption



### Efficient compressed air treatment for pneumatic automation and actuation

Highly compact design, highly efficient and reliable drying performance

- Reliable dry, oil-free air
- Maximum energy efficiency
- Space saving and lightweight
- Modular and flexible

The ultimate balance of air quality, energy efficiency and low lifetime cost

- Industry leading air quality
- World's highest energy efficiency
- Low cost of ownership
- Reduced CO<sub>2</sub> emissions

# FOCUSED ON INNOVATION AND QUALITY FOR OEMS

At Parker, we work closely with customers' design teams to ensure that systems are 100% effective, right from the outset.

We bring unparalleled expertise in compressed air and gas treatment and gas generation, as well as vast technical know-how, gained at the sharp end of global manufacturing, including laser cutting. And by combining our expertise with our customers', we are able to develop better engineering solutions.

From project brief to final assembly, we work hand-in-glove with OEM partners to ensure outstanding system performance and efficiency. With world-class innovation, unique product specification and quality-assured manufacturing, Parker means success is built-in.

- Global engineering know-how, world class manufacturing expertise
- The complete compressed air and gas treatment and gas generation system design
- Custom solutions including product branding for OEM partners

**Precise compressed air and gas treatment solutions for the laser cutting industry.**

“Parker’s know-how and technical expertise led to a seamless integration with our systems – ensuring our customers benefit from maximum performance and reliability”

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General Manager,  
Laser cutting machine manufacturer





## NEXT STEPS

To find out more about Parker's expertise and solutions for the laser cutting industry please call 00 800 2727 5374

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### US Product Information Centre

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