



# **Transair<sup>®</sup>:**

## **Advanced Pipe Systems for Industrial Fluids**

### **On Machines and Industrial Equipment**

In compliance with PED 2014/68/EU



ENGINEERING YOUR SUCCESS.

# Transair® on Machines and Equipment

To meet demands for high flow rates on machines and industrial equipment, Transair® provides a robust piping solution, for immediate commissioning, which is adaptable to all settings on machines and industrial equipment.

## > Applications:

- The Transair® solution is ideal for the distribution of water, compressed air, oil (mineral or synthetic), vacuum, nitrogen, welding gases and CO2.
- Transair® can be used in all industrial sectors: woodworking machines, paper making, printing machinery, welding blocks for automotive, machinery for textiles and nitrogen skids.

## > Service and Key Products:

- CAD drawings of Transair® products are available and can be downloaded at [www.parkertransair.com](http://www.parkertransair.com)
- The Transair® range includes products that avoid the use of multiple pipe threads and guarantee a safe, leak free, system: manifolds, threaded adaptors, wall brackets, FRLs...
- A project cell, offering a system design service, helps you make your project a reality: [transair.quotation@parker.com](mailto:transair.quotation@parker.com).
- In addition to the Transair® range, Parker Legris ([www.parkerlegris.com](http://www.parkerlegris.com)) offers many solutions for pneumatic connections (diameters smaller than 16.5 mm): fittings, regulators, tubes, hoses, valves...

## > Benefits of Transair®:

### • Modular design and flexibility:

The Transair® range is the simplest and fastest solution on the market for fluid distribution. The modular design eases the different stages of connection: pre-assembly of the machine for testing, dismantling and final installation on site.

### • Optimized Piping:

Lightweight, with a choice of colours to allow different fluids to be easily identified, the type of material and the flexibility of Transair® pipes allow them to adapt to all requirements.

### • Aesthetic and Clean Solution:

All Transair® components are corrosion-resistant and reusable. Once the fluid has been filtered upstream, its quality is maintained within the distribution system (in accordance with ISO standard 8573-1, class 1.1.1).

### • Optimal Productivity of Machines:

Threadless Transair® connections with unrestricted interior diameters optimize the flow of the distributed fluids. The Transair® solution does not require maintenance and production shutdowns are significantly reduced.







# Transair®

## Advanced Pipe Systems for Industrial Fluids



### Aluminium Range

- **Calibrated Aluminium Pipe**  
Qualicoat Painting
- **Diameters (in mm)**  
16.5 - 25 - 40 - 50 - 63 - 76 - 100 - 168
- **Colours**  
Available in blue - grey - green  
Other colours upon request
- **Maximum Working Pressure\***
  - 16 bar (-20°C to 45°C) up to 100 mm
  - 13 bar (-20°C to 60°C) for all diameters
  - 7 bar (-20°C to 85°C) for all diameters
- **Vacuum Level**  
99,9% (1 mbar absolute pressure)
- **Working Temperature :** -20°C to 85°C
- **NBR Seals**
- **Compatibility**  
Lubricated or oil-free compressed air, industrial vacuum, nitrogen (99.99% purity), inert gas

\*TÜV certification

### Stainless Steel Range

- **Stainless Steel Pipe**  
AISI 304 or 316L
- **Diameters (in mm)**  
22 - 28 - 42 - 60 - 76 - 100
- **Maximum Working Pressure\***
  - 10 bar (-20°C to 60°C) for all diameters
  - 7 bar (-20°C to 90°C) for all diameters
- **Vacuum Level**  
99,9% (1 mbar absolute pressure)
- **Working Temperature**  
-20°C to 90°C
- **EPDM or FKM Seals**
- **Compatibility**  
Cooling water, industrial water with additives, lubricating oil, compressed air, vacuum, inert gas

\*TÜV certification

### Certification



# Transair® : Tools and Services



## Transair® General Catalogue

Combines all information, regarding Transair® aluminium and stainless steel product ranges.

Available for download on [www.parkertransair.com](http://www.parkertransair.com)



## Transair® Available for BIM

BIM - Building Information Modeling - is a collaborative e-platform of a construction project, gathering all the contributors of this project, according to a common language.

All Transair® families are now available, in REVIT format, in **LOD (Level Of Detail) 200 and 400**.



## Transair® Flow Calculator

Defines the recommended diameter for your project, estimates your pressure drops and gives the maximum flow rate by diameter.



## Transair® Vacuum Calculator

Helps you to size and compare vacuum systems quickly and easily.



## Transair® Energy Efficiency Calculator

Evaluates the energy cost of your system and return on investment of a Transair® solution.



## Transair® CAD Drawings

View or download Transair® CAD drawings in real time in 2D or 3D.



## Transair® Website: [www.parkertransair.com](http://www.parkertransair.com)

Gives you access to extensive information about the Transair® system, technical data, examples of existing networks and a download centre for catalogues, manuals, software and brochures.



## Transair® Quotation Service: [transair.quotation@parker.com](mailto:transair.quotation@parker.com)

Gives you a budgeted or detailed quotation for your project and its implementation.



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