



# Transair<sup>®</sup> : Advanced Pipe Systems for Industrial Fluids

Tools & Services

In compliance with PED 2014/68/EU



ENGINEERING YOUR SUCCESS.

# Transair®: Tools and Services

The Transair® offer combines a wide range of tools and services to support every step of a project for industrial fluid networks:

## Design



### Transair® Flow Calculator

The Transair® Flow Calculator is a **simple, quick** and **easy** sizing tool for compressed air and neutral gas networks.

When entering:

- the flow
- the length of the main network
- the working pressure

the Transair® Flow Calculator defines the **recommended** diameter, estimates the pressure drops and gives the **maximum flow rate by diameter**.

This tool is available on [www.parkertransair.com/TFC](http://www.parkertransair.com/TFC)



### Transair® Vacuum Calculator

Helps to **size** vacuum networks with the **most suited** diameter, **quickly** and **easily**.

This tool is available on [www.parkertransair.com/TVC](http://www.parkertransair.com/TVC)



### Transair® CAD Drawings

Transair® **core products** are **available** in more than 60 CAD formats, 2D or 3D, neutral or natives.

View or download in real time from [www.parkertransair.com/CAD](http://www.parkertransair.com/CAD)



### Transair® available for BIM

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

To be BIM compatible, all Transair® families are now available, in REVIT format, in **LOD (Level Of Detail) 200 and 400**.

All the specificities of the Transair® product range are **automated** in a 100% **dedicated** template.

To benefit from this **new service**, you just need to:

- access to the Transair® page,
- **download for free** the template and objects necessary for the construction of your network.

All information available on [www.parkertransair.com/BIM](http://www.parkertransair.com/BIM)

## Estimation



Transair® Pre-Quote Tool and Transair® Quote Tool: 2 tools available online to calculate the budget of a Transair® network according to the project:

### Transair® Pre-Quote Tool

Allows to estimate the necessary budget in a **few seconds**.

This tool is available on [www.parkertransair.com/Pre-Quote](http://www.parkertransair.com/Pre-Quote)



### Transair® Quote Tool

Determines the most **accurate** nomenclature and associated budget.

This tool is available on [www.parkertransair.com/Quote](http://www.parkertransair.com/Quote)



### Transair® Energy Efficiency Calculator

Evaluates the **return on investment** of a Transair® solution compared to a traditional steel network, for compressed air networks projects - new or replacement.

This tool is available on [www.parkertransair.com/TEEC](http://www.parkertransair.com/TEEC)



### Transair® Quotation Service

A **dedicated** team to the realisation of complex Transair® projects, including technical studies, estimations of installation times, detailed nomenclatures and weight/volume of equipment.

Available by e-mail at [transair.quotation@parker.com](mailto:transair.quotation@parker.com)

## Delivery

### GeoLoc: The Geolocation Service Proposed by Transair®

Transair® **real-time** delivery tracking service from the shipping site to the work sites

- Built-in GSM beacon for on-site **direct deliveries**
- **Localisation** of deliveries throughout the shipment, with sending of programmable alerts
- **Optimized** organisation of work sites





## Logistics Expertise

Logistical conditions adapted to customers' expectations:

- **Tailor-made** packaging to **facilitate** material handling and storage
- Delivery to date for **optimisation** of handling resources
- Shipment scheduling to **streamline** the organisation of building sites



## Installation

### On-Site Installation and Project Supervision

An installation kit is available for each project start, including:

- a **pocket guide** to answer most questions about installation rules, together with the associated poster
- a **poster** of the main dimensions of the Transair® elements to calculate the lengths of tubing required
- **recommendations** for the commissioning of a compressed air network
- a **poster** featuring the main products to **facilitate** the restocking

**Our teams and partners are available to accompany you at any time on a construction site.**



## Special Products

For **specific needs**, we can develop tailor-made products. All these products are **tested** according to the same **quality** procedures as the standard products. These special requests can include:

Pre-assembly of existing catalogue products



Drilling, bending, cutting of pipe and preparation of rigid aluminium pipe



Special non-catalogue lengths and colours for rigid aluminium pipe



Special manifolds and wall brackets



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



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



# Transair®: Advanced Pipe Systems



## 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.

\*Certification TÜV

## 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
- **Working Temperature**  
-20°C to 90°C
- **Vacuum Level**  
99,9% (1 mbar absolute pressure)
- **EPDM or FKM Seals**
- **Compatibility**  
Cooling water, industrial water with additives, lubricating oil, compressed air, vacuum, inert gas.

\*Certification TÜV

## Certification



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