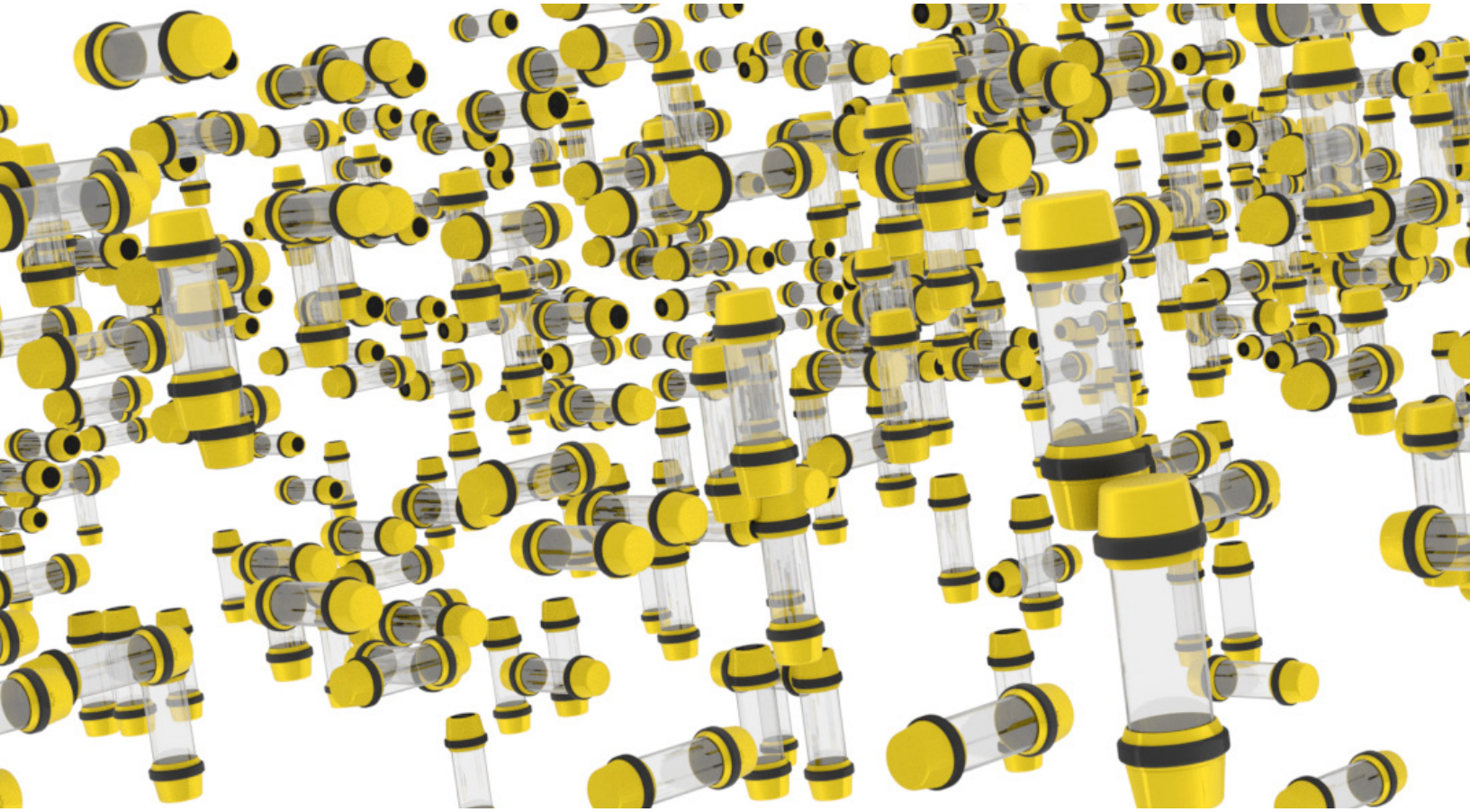
PNEUMATIC TRANSPORT SYSTEMS

Max out your daily effort

2019



Sitratec S.r.l. - Via Monte Nero 19 - Bareggio (MI) ITALY

We never stop innovating

Making always better and newer products.
Embedding all the lastest tech innovation.

Sitratec was founded in 1988 as a company of systems installation developed from leading companies worldwide, and has successfully undertaken its own production of improved systems. Thanks to it's technical and organizational skills, today it places itself on the global market with avant-garde, reliable and cost-effective systems.

CashHandling

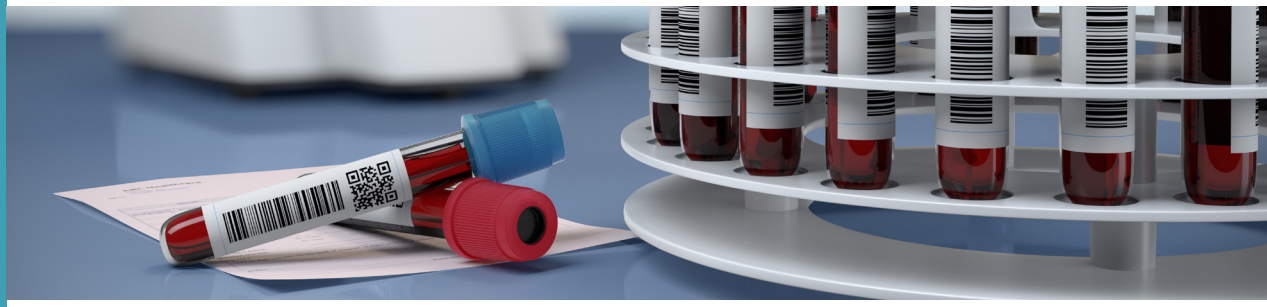
In the presence of money, the pneumatic tube system can significantly reduce the risks associated with transport between the checkout area and the safe area.
Our vast experience in the field offers different solutions for really, every need.

For any challenge
Literally

We develop systems for every need

Depending on the type of arrangement, ours systems can meet the requests of small and large companies.
No one has ever called us to disassemble an installed system.

Hospitals



All the stations and departments of a hospital can work and be "physically" connected through a pneumatic tube system. Laboratory samples, blood and plasma, radioactive material, radiographs, documents can all be transported safely and gently.

Industry

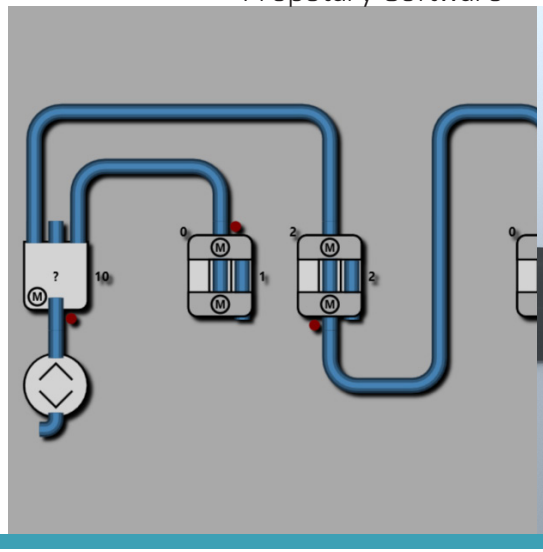
In offices, documents can travel a long way, thanks to the pneumatic tube system everything happens faster and no one has to leave his desk. Components, products or samples can be almost instantly delivered.

Pneumatic tube system

How it works

4

Propetary Software

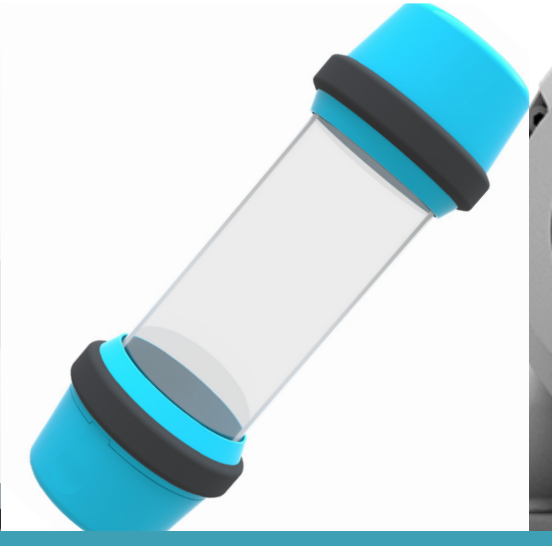


The visualization and verification of the movements of the system allows a precise analysis of all the transports.

Control Interface

Each transmission or reception is coordinated by a microprocessor board and a touchscreen as user interface.

Carrier



Sitratec carrier are easy to use and equipped with a simple sealing system.

A system is composed of many components, the blower that it produces the pressure/vacuum, the carrier, where the material is transported.

The destination of the carrier is set by the user at the starting station.
To connect the various stations to each other through the pipe network, deviators are used, similar to railway interchanges in operation.

To ensure that all of this works correctly, fully integrated control systems and proprietary software are used. In this way all kinds of materials can be transported simply and quickly, using air as a driving force.

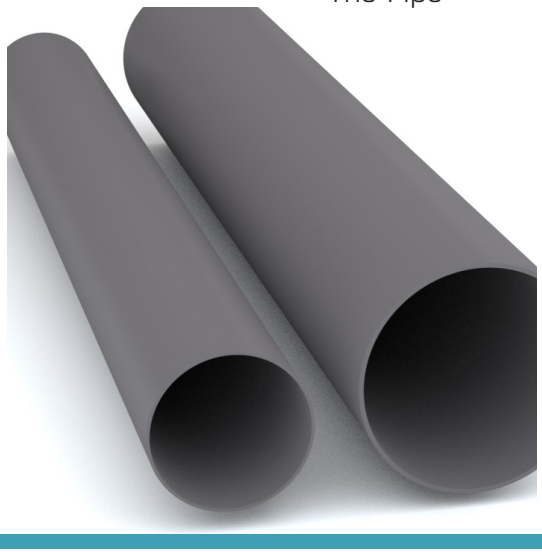
The Blower

Blower of high reliability silent and with automatic selection of the required air flows.

The Diverter

The diverter works like an exchange device that allows the carrier to reach its destination through the most direct route.

The Pipe



PVC pipes are the most suitable for different types of installation ensuring high reliability over time.

Why a Sitratec system?

Optimizes internal logistics without worries.

When is the right time to decide to install a pneumatic mail system?

Sitratec supplies pneumatic tube systems for companies of all sizes; from two-point systems to multi-zone systems, which can have up to 99.999 interconnected stations.
You can perform installations both in already existing buildings and under construction ones.

Why a pneumatic tube system?

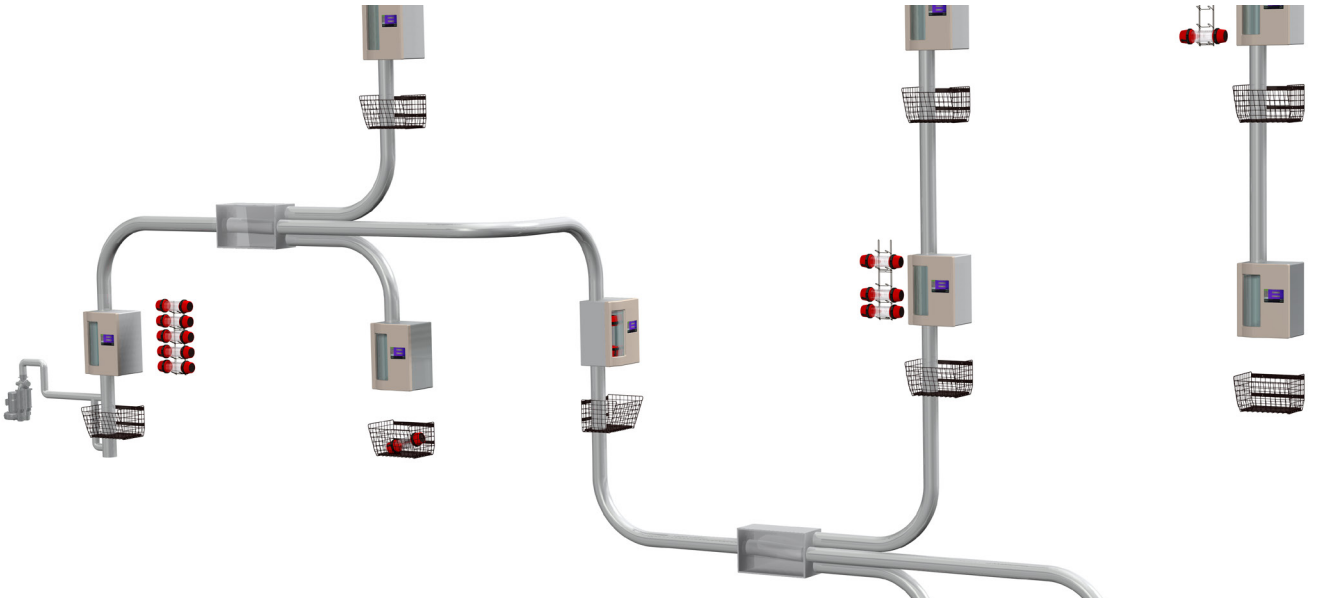
Because the pneumatic tube systems solve the problems of internal movement; with a displacement speed of 5/8 m/s the pneumatic system saves time and energy and allows your staff to concentrate on more important tasks.

What can be transported with pneumatic tube systems?

You can carry almost anything; from articles weighing 1 gram up to articles weighing 50 kilos, from articles with a maximum diameter of 50 cm up to those with a maximum length of 100 cm. In these categories you can find a large amount of transportable things: documents, coins, banknotes, blood samples, radiographs, samples of hot steel, milk, oil, etc. ... You can be sure, we can carry most of your items .

Where to install a pneumatic tube system?

Virtually everywhere. There are systems developed horizontally and other vertically and not always in the same building.
There are pneumatic tube systems that connect buildings that are far from one another, roads and rivers are not an obstacle for us.
We are sure to have the best solution to solve your transport problems!



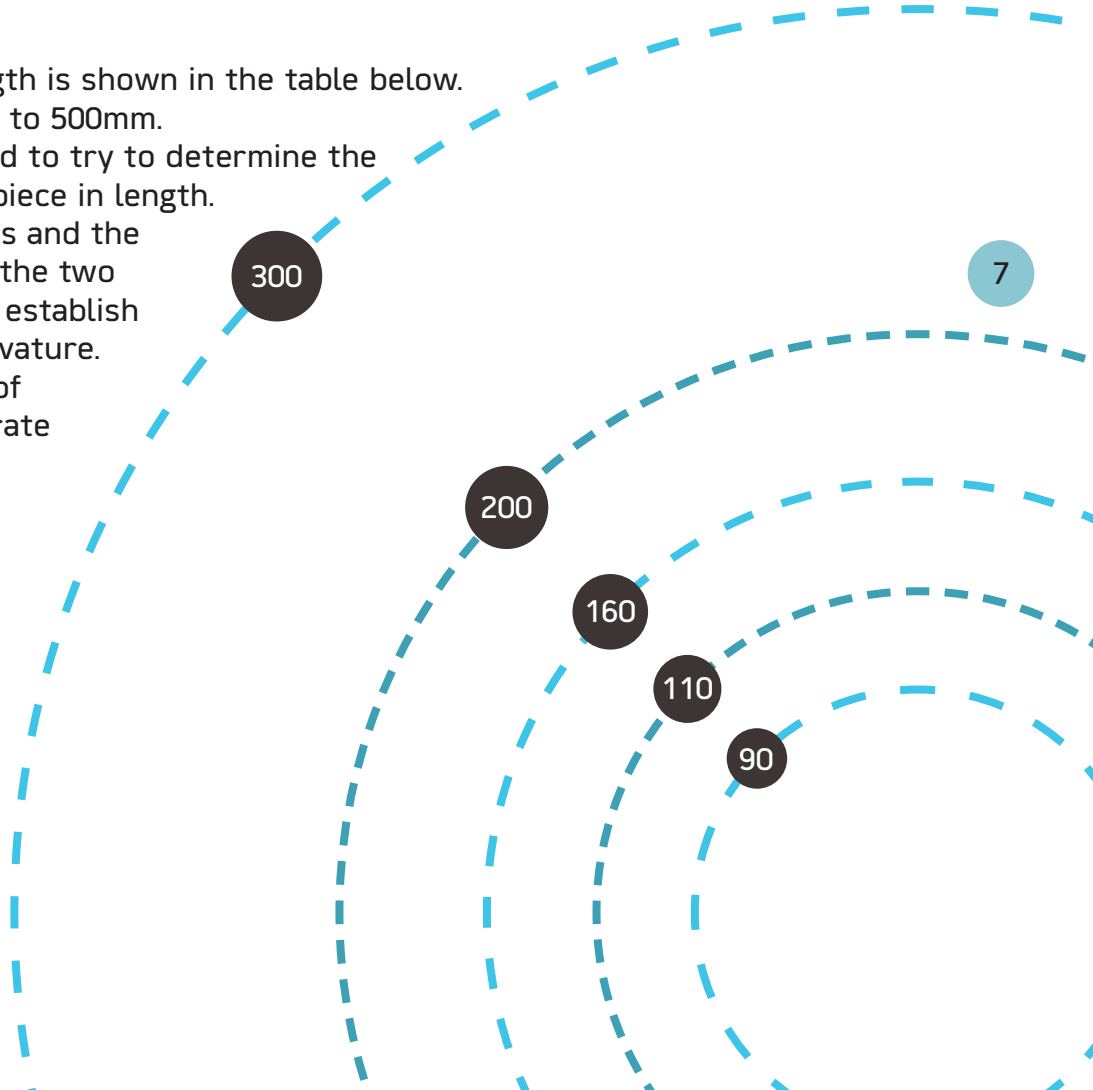
Which carrier size i need?

It's easy and only takes a few minutes.
The circles on the page side are the standard diameters of the Sitratec carrier.

The dimensions shown correspond to the internal space available for the 90, 110, 160, 200 and 300 mm pipes.

Determine the smallest diameter in which your article can be adapted by placing the material in the circle, there are no consequences if placed horizontally or vertically. This is essential to establish the smallest diameter in which the material can be contained.

The probable carrier length is shown in the table below.
It can range from 235mm to 500mm.
Also in this case it is good to try to determine the smaller footprint of the piece in length.
The diameter of the tubes and the length of the carrier are the two dimensions necessary to establish the smaller radius of curvature.
Using a minimum radius of curvature helps to integrate the piping into buildings.



Pipe	Carrier	Length	Radius
90mm	60mm	235mm	550
110mm	86mm	330mm	650
160mm	115mm	400mm	800
200mm	154mm	420mm	1250
300mm	240mm	500mm	1000

If you wanna take any note:

We are a small, large Italian company, our decades of experience in the field allows us to develop large projects using cutting-edge technologies. We are characterized by dynamism and interest in expanding our business.

Our expertise is in making installations, we are sorry if the brochure does not answer all your questions but we will be happy to be able to personally answer you in front of an Italian coffee.

Sitratec S.r.l.
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