

Our experience in your
**PHARMACEUTICAL
PROCESS**



GIACO

CO,RA[®]



HISTORY

From the day it was founded 30 years ago, CO.RA, has been designing and manufacturing innovative solutions for the chemical/pharmaceutical industries throughout the world and in Italy it is currently developing new systems that will guarantee quality while respecting pharmacopea safety norms.

The company is benchmark concerning the research of new products: from the first **SOLE VALVE**[®] in the eighties, which was the ideal tested solution to satisfy the need to control the flow of loose products in pharmaceutical installations, to the **TABLET VALVE**[®] designed to solve interception problems and to control the flow of the product in pharmaceutical installations, particularly in relation to capsules, pills and tablets. In the early nineties, the **STERI LIFT**[®] was developed with the aim of filling the gap left in pharmaceutical equipment components. This positioner is designed to lift and feed products contained in sterile drums into pharmaceutical machines.

From the mid nineties, with realization of Clean Rooms, CO.RA. began its research for a revolutionary system called **TIP**[®]. This product was released to the public during AICHEMA 2009, the most important exhibition in the field, creating huge impact in the pharmaceutical industry.

Since then, CO.RA. has invested more and more resources in the research and development of a system, one of a kind in Italy, which is now a reality and is capable of internally realizing silicone gaskets in a sterile room.

MISSION & VISION

CO.RA.'s daily mission is to design and realize the best customized and high quality solution for each customer. Our vision is aimed at continuously improving, be it in terms of efficiency and effectiveness, be it in terms of resources: technology, operative systems, new structures and above all, human resources. We invest in the training and growth of qualified and skilled personnel, capable of satisfying customer requirements.

VALUES

The culture of quality: rooted in the working methods with the knowledge that each person's role is an integral part of the process.

Respect for people: meaning attention towards the needs of every person that comes into contact with CO.RA.: staff, customers, suppliers and partners.

HEADQUARTERS

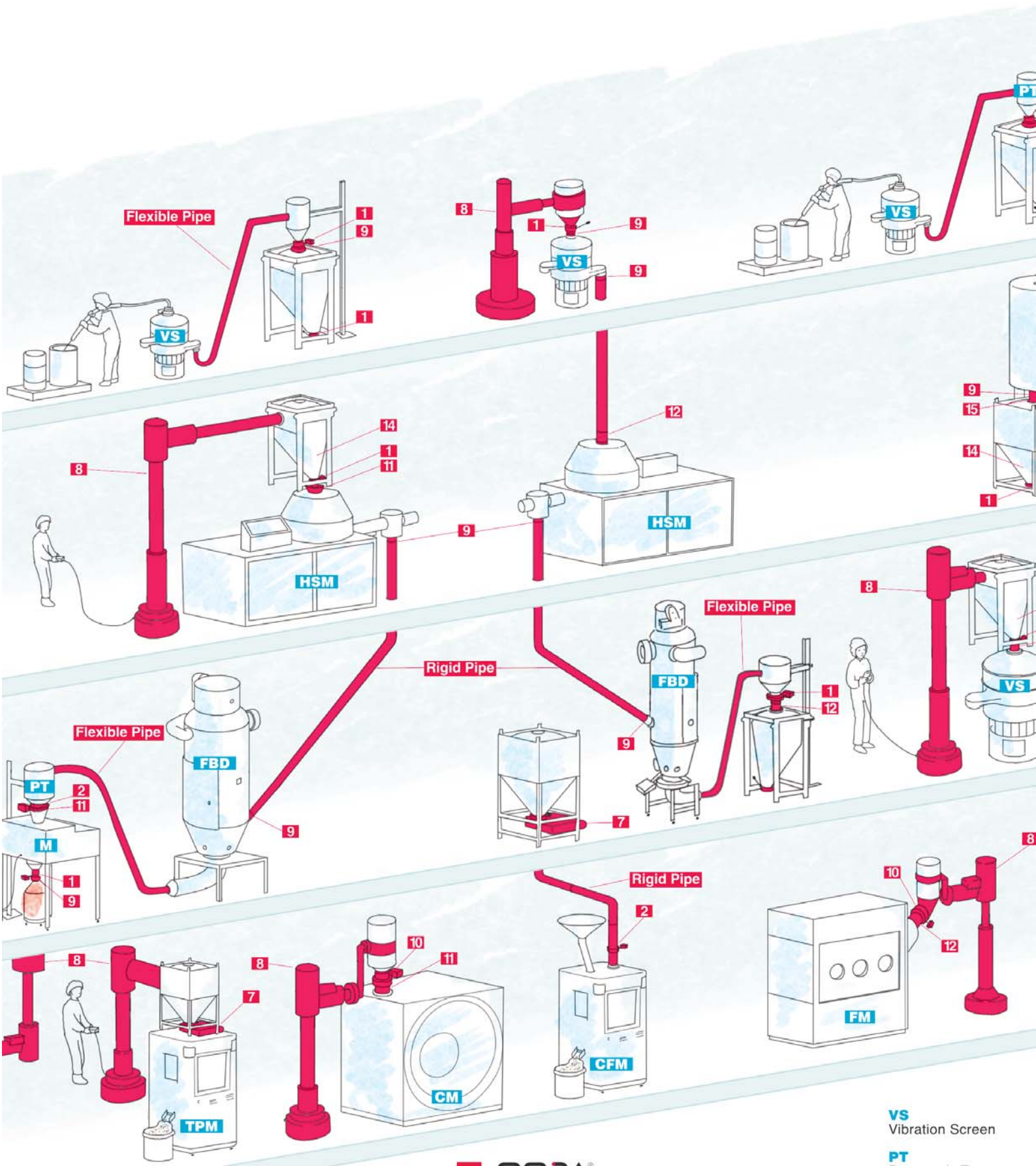
The head office is based in Spianate (Lucca) in Tuscany and has a dislocated Production facility. Currently there are approximately 50 employees, of which 20 workers, and 30 office staff in CO.RA team able to satisfy the needs of each customer and assistance.

since 1985 the answer to flow control for pharmaceutical process

The **CO.RA.** mission is to operate between machine **A** and machine **B** with our services, technologies, engineering, and customer care.



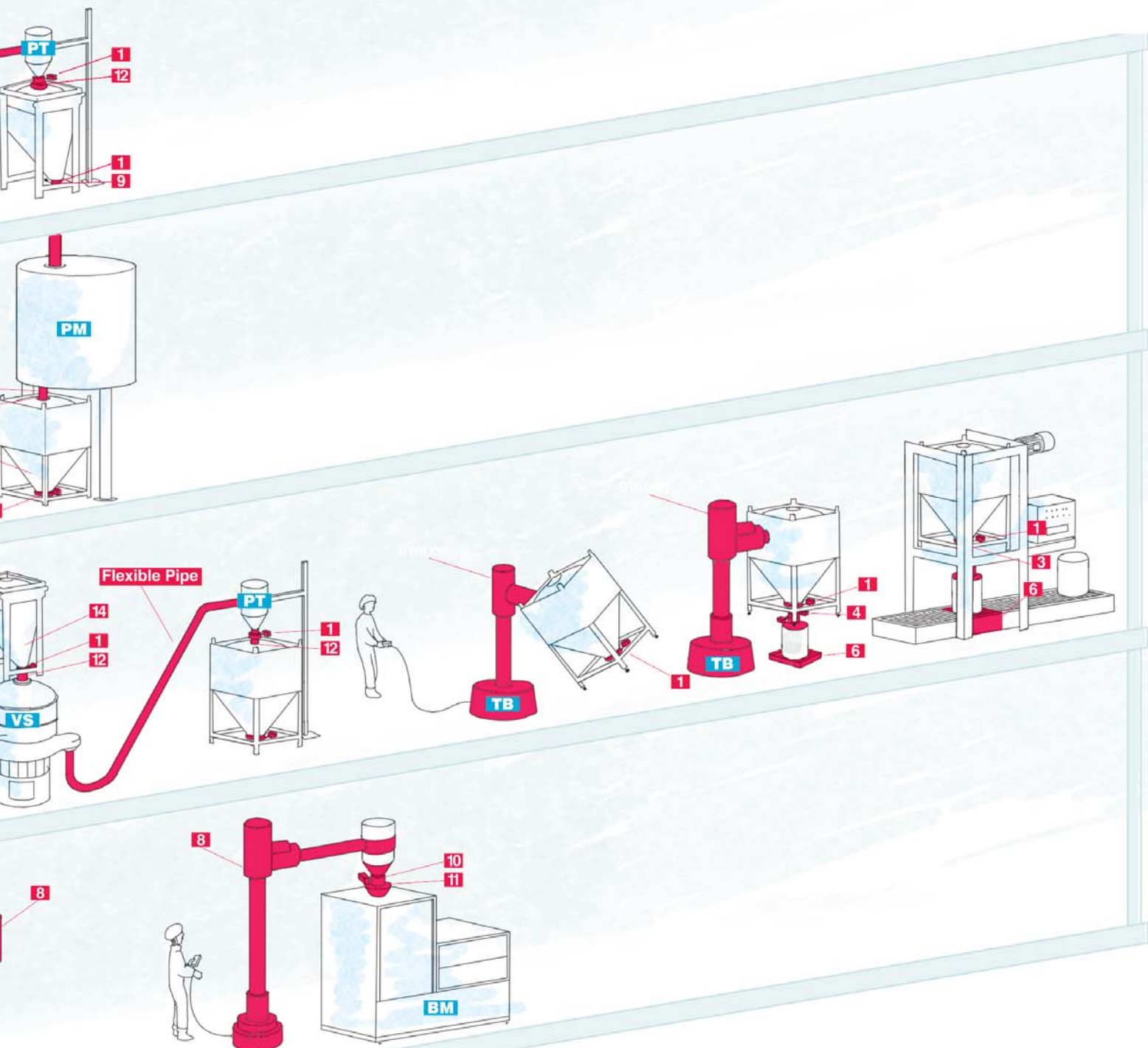
Of course, our success has encouraged several imitations, but none have ever met the **CO.RA.** quality



 CORAI support




- VS**
Vibration Screen
- PT**
Pneumatic Transport
- HSM**
High Shear Mixer

www.coraita



- PM**
Planetary Mixer
- M**
Mill
- FBD**
Fluid Bed Dryer
- TB**
Tumble Bin
- TPM**
Tablet Press Machine
- CM**
Coating Machine
- CFM**
Capsule Filling Machine
- BM**
Blister Machine

Accessories:

- Sight glass 
- Hose 
- MF Clamp 

SOLE VALVE



1

The CO.RA. SOLE VALVE represents the best of what is available as far as a butterfly valve conceived for flow control of powders and granules is concerned.

ROTARY VALVE



2

The CO.RA. ROTARY VALVE is indicated for applications where a continuous flow of powders and granules for the feeding of process machines is required.

DOUBLE VALVE



3

The CO.RA. DOUBLE VALVE is composed of a body with a large vane which has a small rotor in its center. The vane transfers a large quantity of product while the rotor discharges the pre-regulated total weight.

SRF VALVE



4

The CO.RA. SANITARY ROTARY VALVE is characterized by a double rotor. The big rotor is used to transfer large quantities of product while the smaller rotor is used to obtain the pre-regulated quantity of product required.

VR8V VALVE



5

The CO.RA. VR8V is designed to dose powder under pressure and vacuum. It is suitable for the continuous feeding of powder while maintaining extremely uniform dosing. The brushless electric motor with control encoder assures very accurate dosing.

DOSING SYSTEM



6

The CO.RA. DOSING SYSTEM allows the discharge of the product in a closed cycle drum. It is composed of an electronic weighing system and a DOUBLE VALVE. The vane of the latter transfers a large quantity of product while the rotor allows the achievement of the required accuracy.

TIP SYSTEM



7

The TIP SYSTEM is a revolutionary connection system for the obtainment of a high level of containment. OEL - (Operator Exposure Level) $1\mu/m^3$. It is completely automatic and ensures a perfect seal between two machines. Suitable for C.I.P (cleaning in place).

STERI LIFT



8

The CO.RA. STERI LIFT is indicated to move bins, drums or bags in sterile rooms. It is completely hydraulic with an FDA approved cylinder that allows the lifting and rotation, vertically and horizontally, around the axis of any type of container.

SIL COMP



9

The SIL COMP compensator is used to align two machines and to absorb vibrations.

TABLET VALVE



10

The CO.RA. TABLET VALVE offers the customer a new option as far as the handling of the finished product is concerned. The unique silicone vane allows the opening and closing of the valve without any damage to the product. The TABLET VALVE is easy to disassemble and clean.

SIL CAP



11

The SIL CAP was conceived to provide temporary protection for tubes, accessories, valves and connections. The SIL CAP is in compliance with the requirements of the U.S. Food and Drug Administration (FDA).

SIL HOSE



12

The SIL HOSE is an elastic piping system transparent or reinforced for a flexible connection between two machines.

SANI FLOW



13

The SANI FLOW discharge system is used for the feeding of press machines or capsule filling machines, regulating the flow of the product. This system can be completely disassembled thanks to a lifting and lowering device.

ORIONE SYSTEM



14

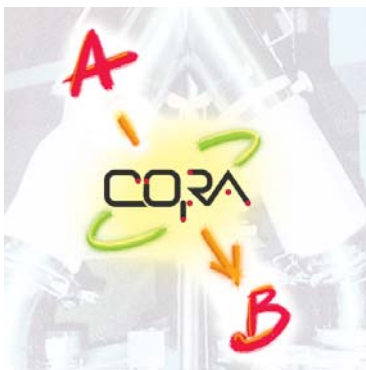
The ORIONE system is a device conceived to improve the descent of non free flowing products and it is designed to break eventual lumps and bridges and thus simplify the gravitational flow of the product. The ORIONE system is composed of an internal and an external belt - the internal one, complete with orientable stainless steel blades made in accordance to specific customer requirements, breaks the lumps, while the external one actuates the movement, manually or pneumatically, of the internal part.

TIP 0 SYSTEM



15

The Tip 0 (Zero) Telescopic System is a loading system which can also be used in sterile rooms. It is specifically designed to transfer product between two machines or between machine and bin thus realizing a solution of continuity while avoiding direct contact between the operator and the product.



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