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

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Our experience in your
PHARMACEUTICAL PROCESS



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 interceptance 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 the realization of Clean Rooms, CO.RA. began its research for a revolutionary system called **TIP**.
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

The mission: **CO.RA.'s mission each day is to design** and implement **the best solution for each customer**, ensuring an advanced and customized quality solution. Our vision aims at continuous improvement, both in terms of effectiveness and efficiency and in terms of resources: technology, management systems, new structures and especially in human resources. We invest in the growth and training of qualified and updated staff.

VALUES

The **quality culture**: rooted in the way we work and operate with the awareness that the work of each is an integral part of the process.
Respect for people, or the attention to the needs of all persons who come into contact with the company: employees, 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 on the CO.RA. team able to satisfy the needs of each customer and assistance.

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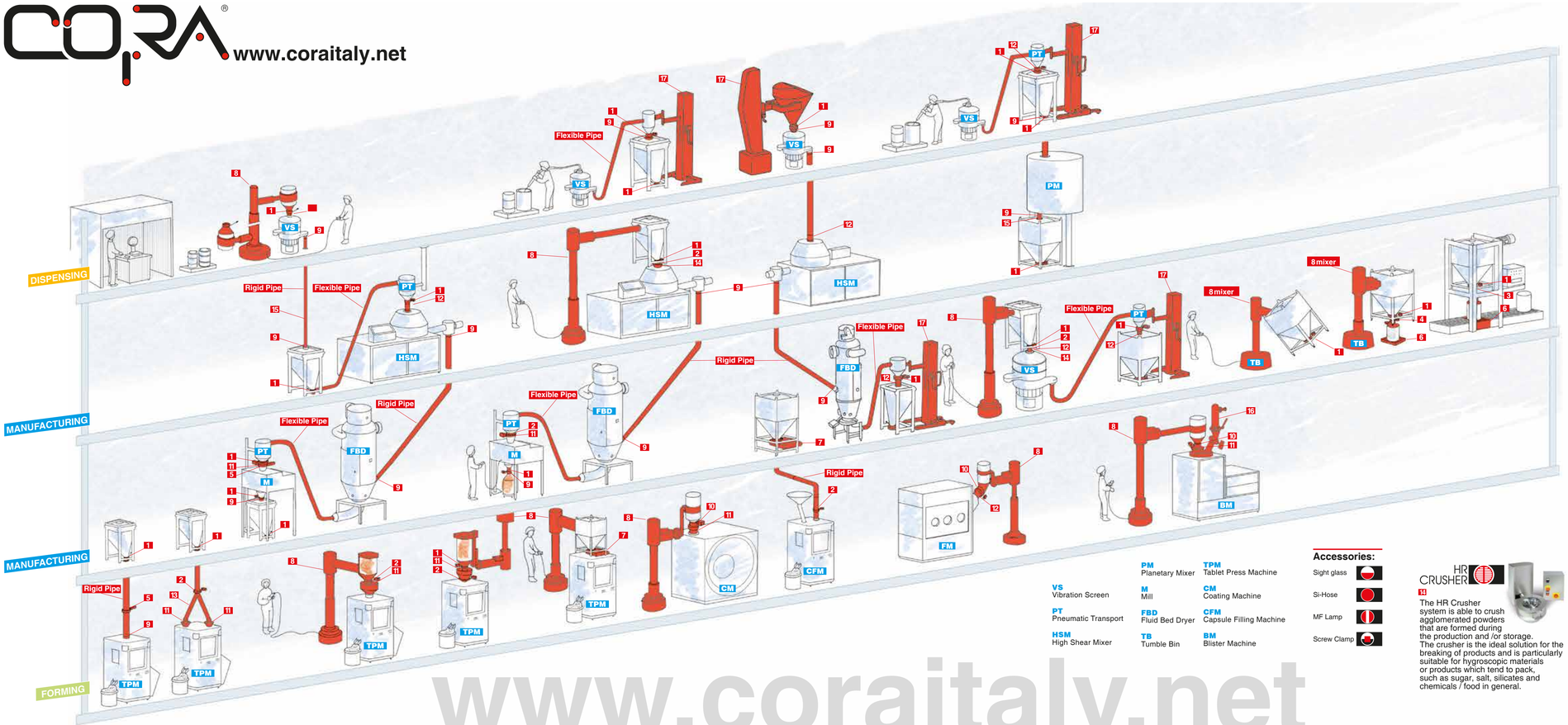

VS Vibration Screen

PT Pneumatic Transport

HSM High Shear Mixer

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
- Si-Hose
- MF Lamp
- Screw Clamp

HR CRUSHER 12

The HR Crusher system is able to crush agglomerated powders that are formed during the production and /or storage. The crusher is the ideal solution for the breaking of products and is particularly suitable for hygroscopic materials or products which tend to pack, such as sugar, salt, silicates and chemicals / food in general.

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.

SRE 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) 1µ/m3. 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.

SIL HOSE 12

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

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).

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.

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 a machine and a bin thus realizing a solution of continuity while avoiding direct contact between the operator and the product.

TABLET RECOVERY SYSTEM 16

The Tablet Recovery System has been designed to recover tablets that, during manufacturing process, have been rejected as broken or imperfect, and this means that discarding big quantities of product increase notably expenses for pharmaceutical industry.

DUK SYSTEM 17

The CO.RA. DUK is a lifting and positioning system for transformation processes in the pharmaceutical, food and chemical industries in general. There are two versions of the CO.RA. DUK Available: CO.RA. DUK with fixed base and with wheels for a maximum load of 150 Kg and CO.RA., Mini DUK with fixed base and with wheels for a maximum load of 70 Kg.

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