



PROCESS SOLUTIONS

WWW.SERVINOX.COM



Gillain & Co

HYGIENIC EQUIPMENT FOR FOOD & LIFE SCIENCES

PIGGING SOLUTIONS:

OPTIMISE YOURS COSTS

SUSTAINABLY



A PIGGING SOLUTION

ADAPTED TO YOUR SPECIFICITIES

SERVINOX proposes a complete assessment of your needs in order to define, for and with you, the best technical solution depending on your needs and restrictions.

Our experience enables us to propose a customised system defined specifically according to contract conditions for effective integration in process and cleaning phases.

Our patented pig, combined with a latest generation system for regulation of pig speed, enables us to propose a solution that is safe for equipment and users.

Our full flow multiway valves provide customers with an overall solution to optimise pigging phases, but also to increase productivity when transferring products.

SERVINOX provides you with its technical experience to assist you in the entire design phase and the commissioning of your installations.

WHAT ARE THE GOALS OF PIGGING?

• FLEXIBILITY

The pigging system enables several different products to be transferred in the same line, increasing the flexibility of installations.

• REDUCED LOSSES

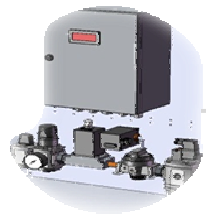
Pigging a process line recovers stagnating product at the end of transfer.

• CONTROL CIP CYCLES AND WATER CONSUMPTION

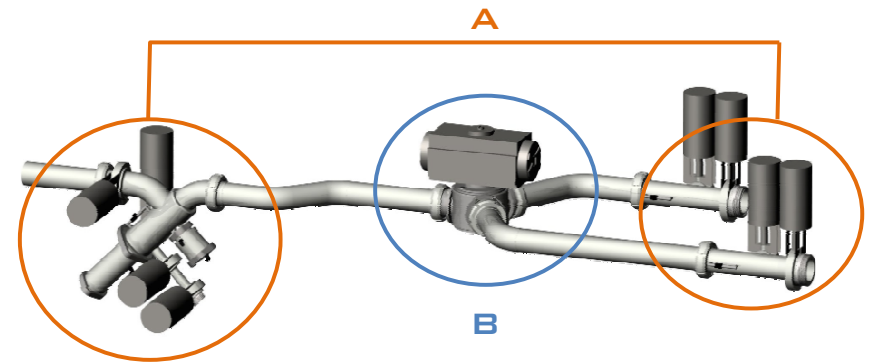
The absence of residues in conduits at the end of pigging reduces CIP cycle times at the same time as optimising the consumption of water and cleaning products.

• PRODUCTIVITY

The productivity of installations is optimised by reducing CIP cycle times in combination with the use of more flexible lines.



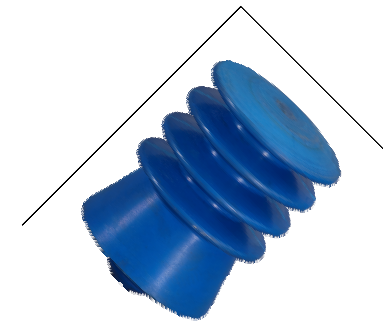
Pig speed controller:
 It is used to regulate pig speed during its movement inside conduits, regardless of instantaneous pressure loss (rising pipes, viscous product, bend, etc.), providing a pigging solution that protects installations and operators.
Contact us to learn how the RVO unit make pigging operation safer for your product, your installation and your staff.



A: Launching & receiving station:
 This is the backbone of the pigging system.
SERVINOX proposes several configurations depending on customer needs.
SERVINOX has designed pigging systems for a lot of applications, in food, drinks, cosmetics, pharmaceuticals and chemicals applications; Contact us to discover how we can define the right solution for you.



B: Full flow multiway valves:
 These key components of the system are used to adapt the line to your transfer and scraping needs, in particular by directing the product and the pig in several directions or to fill the product only in conduit sections between its departure and arrival point.
Refer to our "MV multiway valves" data sheet for more information.



Two-way pig:
 Its one-piece patented design enables it to pass through standard bends (1.5xØ), while ensuring mechanical scraping on conduit walls, providing optimal pigging quality.
Contact us to define, with us, how the JM pig increases your pigging efficiency.



PIGGING SOLUTIONS *

• SINGLE WAY MANUAL SYSTEM



• BACK AND FORTH SYSTEMS

» MANUAL



» DOUBLE PIG



» AUTOMATIC



• CLEANABLE IN PLACE SYSTEM



• CHARGED PRODUCTS SYSTEM



Launching station insulation valve

2 ways:

3 ways:

Intermediate receiving station « tank selection »

120° insulation 3 ways valve



*: OPTIONS AVAILABLE DEPENDING ON MODELS: ELECTRIC HEATING, HEATING JACKET, ATEX, REINFORCED DIP, SURFACE FINISHING > 0.8µm, STEAM BARRIER...