

01 PIGGING SYSTEM



At the end of each production, transfer pipelines may contain residual volumes of raw materials and/or finished products. These residues, often underestimated, necessitate prolonged cleaning cycles of the production lines, which are both costly and energy-intensive.

Investing in a pigging system effectively resolves these issues.

ABSCISSE pigging systems offer a solution to recover these manufacturing residues and monetize them commercially. They also help reduce downtime between two distinct productions by optimizing line cleaning in a faster and more efficient manner.

Our pigging systems, specifically designed and manufactured to meet the diverse needs of the food (dairy products, chocolate, petfood, sauces...), cosmetic (shampoo, body creams, toothpaste..) , and chemical industries (oils, resins, lubricants...) combine design tailored to your production processes with high-quality manufacturing. They ensure efficient recovery of your residual volumes while adhering to safety and quality standards, ensuring regulatory compliance and the quality of your production.

By investing in an ABSCISSE pigging solution, you will optimize your production processes, reduce operational costs, and contribute to more sustainable resource management. Furthermore, by valorizing the product recovered, you will strengthen your commitment to a circular and sustainable economy.



BENEFITS :

- **Rapid return on investment.**
- **Improve the performance of your production lines.**
- **Optimisation of your cleaning processes.**
- **Make the most of your residual production volumes.**
- **Low maintenance costs.**
- **Customised design.**

01 Concentric in line Design

Designed for clear fluids without solids.



The ABSCISSE **in-line concentric pigging system** offers maximum efficiency for cleaning transfer lines of **clear fluid without solids**.

Its optimised design minimises pressure drop (the flow cross-section inside the station is identical to that of the pipe).

The pig, positioned in the fluid stream, is cleaned in place at the same time as the pipeline.

Designed and manufactured to meet the diverse needs of the food (dairy products, soft drinks, syrups, sauces...), cosmetics (shampoos, micellar lotions, creams, shower gels...).

Benefits :

- ✓ Cleanable in line.
- ✓ For low viscosity < 10 000 cpo.
- ✓ Low pressure drop.
- ✓ Ease of maintenance.

Options services on request :

- ✓ Functional analysis.
- ✓ Start-up on site.
- ✓ On-site training for technicians.

For industry :



TECHNICAL DATA

Maximum working pressure	10 bars
Material	316L (1.4404)
Connection	Threaded
Piping standard	SMS or DIN
Seals	EPDM or FKM
Pig Design	Single design
Installation	Vertical
Valves	As Option
Pig extraction sleeve	As Option

Specific design on request.

