



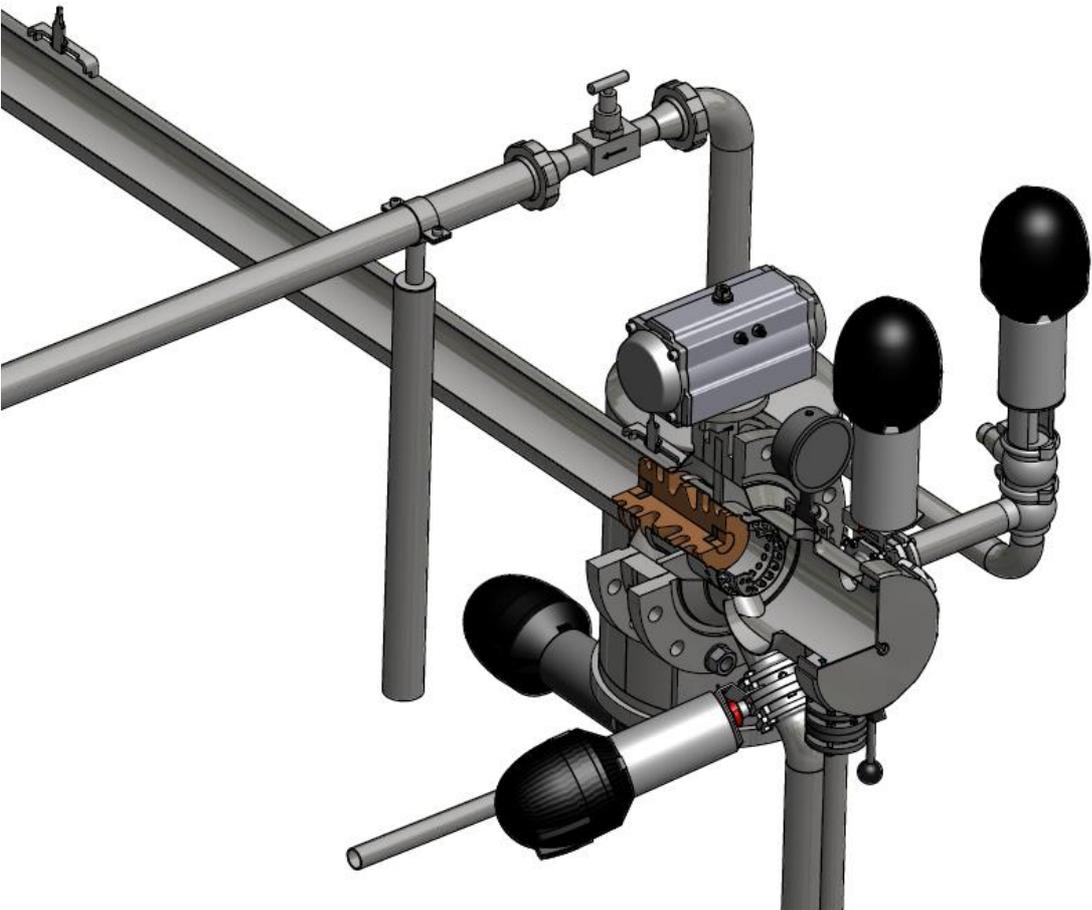
## Pigging system

A pigging system is used for mechanical cleaning of pipe installations or for securing separation of product/product, product/rinse water or to push out product after the end of production.

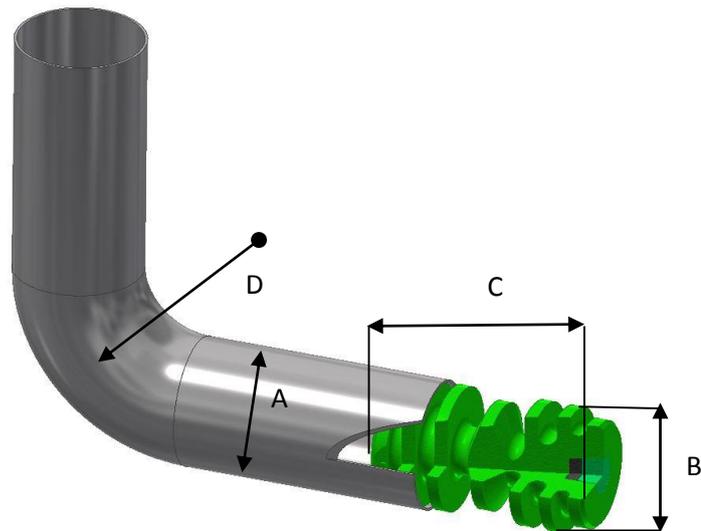
The pigging system consists of a pigging unit (often called the pig) that is pushed through the pipe grid by the means of a pressurized liquid or gas. The slats of the pig scrapes the pipes internally so that the cleaning process can be greatly reduced as sediments are removed.

The second frequent usage of a pigging system is for the separation of product from either product or rinse water. Again it is the slats that secure that there is no exchange of product between the ends of the pig. For the most secure separation of product/product it is possible to install a dual pig system with the possibility of product/rinse water/product.

The pig alone is not sufficient and accessories for handling the pig have to be installed on the piping grid. Valves on the grid must be compliant for the passage of a pig. Flexmatic can assist on the design and selection of valves and pipe layout, as well as other necessary accessories for sending, receiving and cleaning of the pig.



## Modulation of Pigging unit



A (inch)	A (DN mm)	B (mm)	C (mm)	D (r-min) $\geq$
1½"	32	A+2	61	3*A
2"	43	A+2	85	3*A
2½"	65	A+2	120	3*A
3"	76	A+2	138	3*A
4"	98	A+2	175	3*A
5"	122	A+2	215	3*A

For other pipe dimensions please contact our sales department. The pigs are adjusted to fit exact pipe dimension.

### Accessories

Simple manual send station

Simple manual receive station

Combined send and receive station

Automated send station

Automated receive station with return

Automated cleaning station with eject and return

Pigable shutoff valves

Pigable directional valves



 flexmatic supply e.g.

- Pigging systems
- Hygienic slide valves with integrated CIP
- Modular dosing units for minor liquids
- PLC process controls
- Switch boards
- Valve matrixes
- Tank parks
- Pipe layouts
- CIP units and systems
- ECA units and systems

 flexmatic has specialized in design and supply of periphery equipment for an overall plant integration. Flexmatic perform installation of complete factories in close cooperation with EPC companies or production companies in the food and chemical processing industry.

 flexmatic has a team of certified stainless steel welders and certified industrial electricians with strong experience for extensive installation projects. Several members of the team are also experienced site supervisors for inclusion of local workforce.

 flexmatic has a team of mechanical and electrical engineers with the ability of assisting clients with plant PID and electric and mechanical layout as well as safety evaluation.

 flexmatic has references on all continents.

