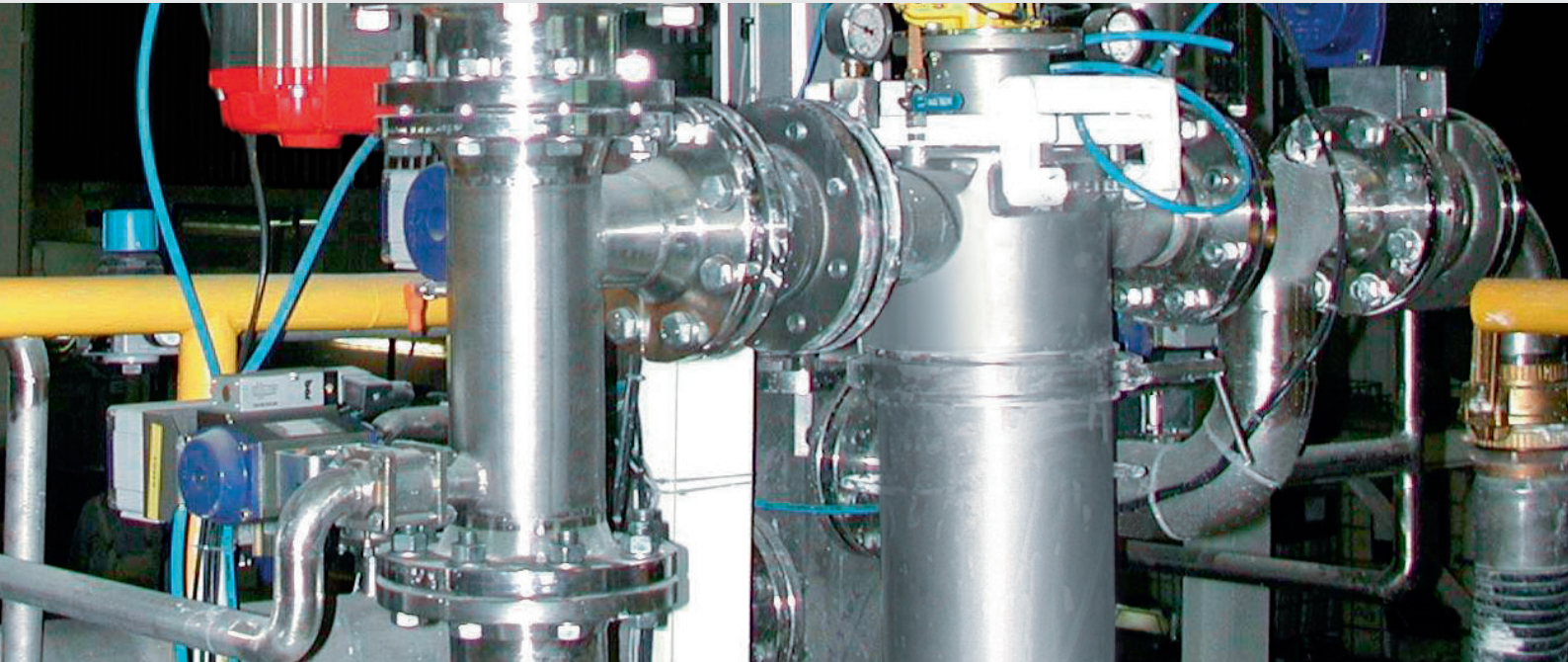




INDUSTRY

PIGGING SYSTEMS





CLEANING, DISCHARGING, SEPARATING

Pigging technology

KNAACK & JAHN have developed, produced and fitted pigging systems and plant. The pigging process as such is based on a very simple principle: The content of a pipe is pushed out with a pig, e.g. fluids, slurries, granulates, powders or gases. Pipes can thus be optimally cleaned and specific substances can be separated more easily from each other. KNAACK & JAHN also uses pigging systems in the chemical and petrochemical industry, in the food industry and in paint factories.

Applications

- Wherever different media (or products) are to be transported in a pipeline system.
Advantage: Only one pipeline system is required.
- Wherever the pipeline system must remain free of residues of the transported medium.
Advantage: The system can be completely drained after the transportation of sensitive media.

Criteria for the construction of pigging systems

- Use of special welding processes, e.g. orbital welding, so that no excessive root-side drop-through arises and the pig can be moved relatively free from resistance within the system.
- Special material dimensions, so that the individual components receive the same internal dimensions.
- Special fittings, e.g. larger diameter elbows, so that trouble-free pig operation can be ensured. Particular attention is given here to complying with DIN 2430-1 "Piping for pigging systems".
- Special fittings such as, e.g. pig transmission and receiving stations, shut-off valves, T-sleeve valves, which are selected for the individual requirements of the customer.

FIRST STEPS ARE ALWAYS WELCOME

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