



fluidity.
nonstop

IT'S ABOUT KEEPING YOUR PROCESSES RUNNING



Auger Feeders

 AxFlow

AxFlow's Auger Feeder Pumping Systems are designed to process a wide variety of heavy and viscous products which cannot be pumped by pumps on their own or pumps fed with hopper feeders.

Our systems are able to transfer products with viscosities of over 1,000,000 cP.

The system consists of three main components

- The feeder
- Pump.
- Variable Speed Drive and control system

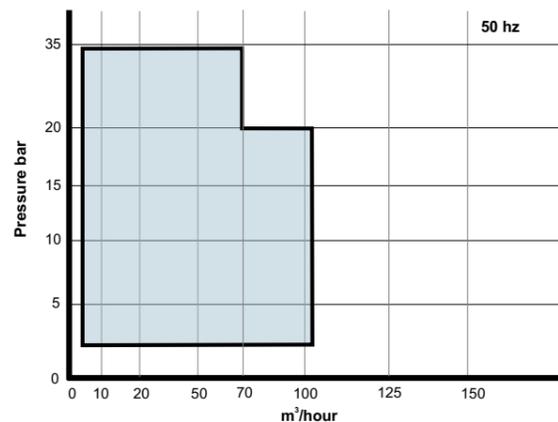
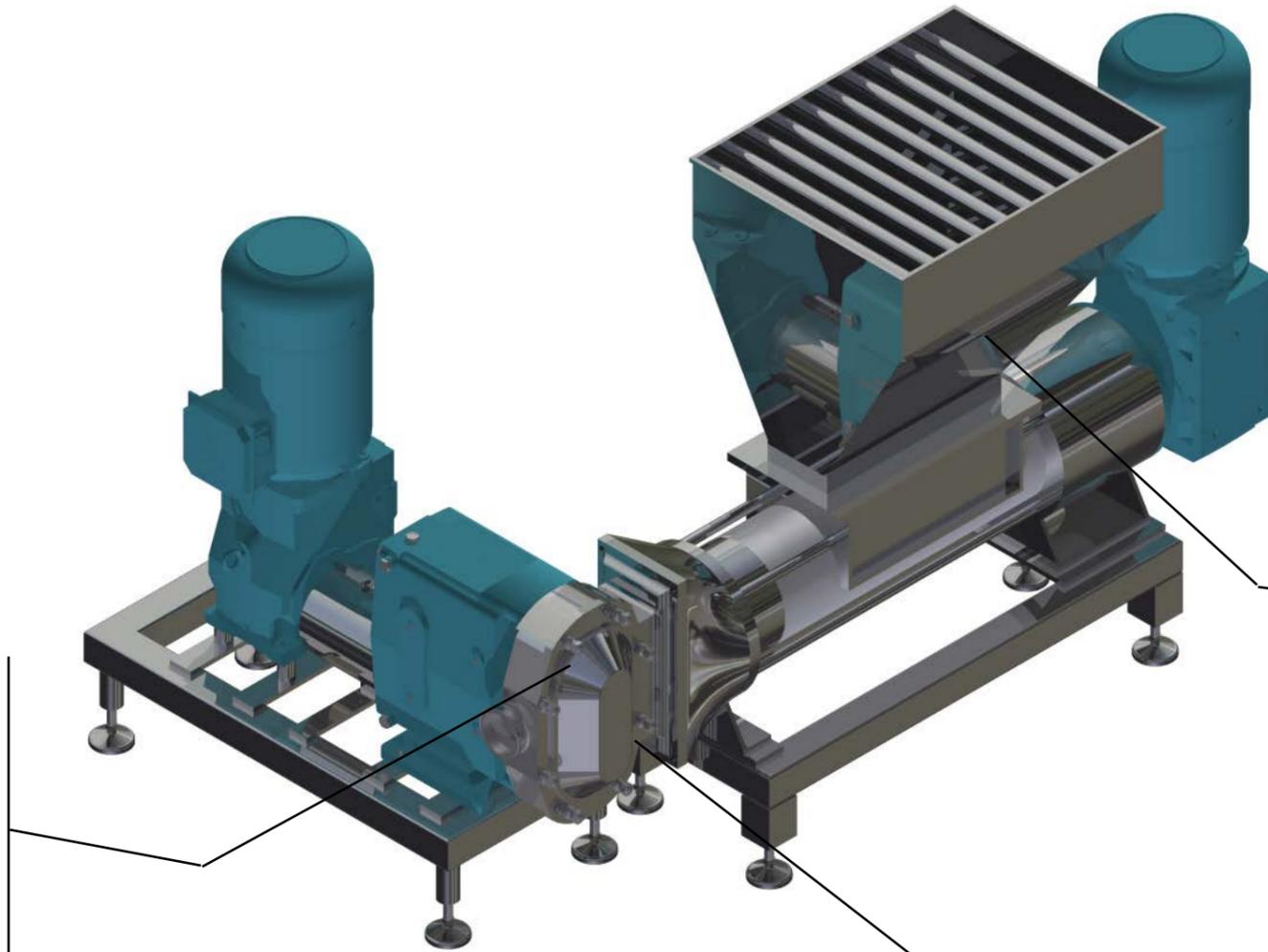
The feeder takes the product and moves it into the inlet port of the pump keeping it constantly full which allows the pump to transfer the product at a metered rate and pressure.



Rotary Pumps

At AxFlow we don't just use any rotary lobe but Waukesha circumferential piston pumps that have arc shaped rotor wings resulting in a long sealing path, this offers low pump slippage, easy maintenance, low service life and the ability to pump liquids with both high and low viscosity.

- Suitable for CIP and aseptic applications.
- Bi-directional flow.
- Very sensitive pumping action.
- Free draining pump housing.
- Dry running with flushed seal.
- Can pump large solids.
- Will deliver variable flow.
- Sizes 1" to 6"



VSD

All of our Auger Feeder Systems can be fitted with Variable Speed Drives (VSDs) to both the screw feeder and pump.

The VSD's allow us to identify the optimum speed for both parts of the system during the commissioning phase and give the system flexibility to cope with future changes to the process.

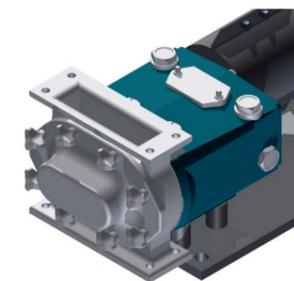


Feeder

All of our screw feeders are purpose made so that they provide the optimum design for both the product and the pump. They can incorporate a bridge breaker should this be required for viscous products.



If necessary the pumps can be constructed with wide rectangular inlets to ease the product entry into the pump chamber.





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