FOR HIGH SOLIDS CONTENT.

SEPPEX open hopper pumps handle viscous products with or without entrained solids that have little or no flowability. They can be run in ten ranges with multiple variations within each range and are suitable for nearly all industries.

OVERVIEW OF RANGES

BTH RANGE

BTH range pumps feature a sliding compression casing with an enlarged compression zone. Even media that tends to bridge can be handled with ease due to the large screw diameter of the BTH pump. The BTH range is the technical optimum solution for shear-thinning products.

BTES RANGE

BTES range pumps handle viscous products with or without entrained solids that have little or no flowability. They can be run in ten ranges with multiple variations within each range and are suitable for nearly all industries.

BTQ RANGE

BTQ range pumps feature a square inlet and an auger feed screw. They are used for pumping highly viscous media with a low degree of flowability.

BTI RANGE

BTI range pumps feature a rectangular feed hopper with an integrated chopping system, the pump permits maceration with the cutters fastened to the compression housing chop up a variety of solids. Integrated into a closed system, the pump permits maceration with a variable speed auger screw permits optimum filling of the rotor and stator, making their replacement easy and cleaner.

BTM RANGE

BTM range pumps feature a square inlet and an auger feed screw. They are used for pumping highly viscous media with a low degree of flowability.

BTHE RANGE

BTHE range pumps feature a feed hopper with vertical hopper walls and a compression zone. Even media that tends to bridge can be handled with ease due to the large screw diameter of the BTHE pump. The BTHE range features a sliding compression casing with an enlarged compression zone. Even media that tends to bridge can be handled with ease due to the large screw diameter of the BTHE pump. The BTHE range is the technical optimum solution for shear-thinning products.

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SEEPEX open hopper pumps have a feed hopper and an auger feed screw to positively feed products into the pumping elements. The pitch and diameter of the auger can be adjusted according to operating conditions for optimal product feed. The feed hopper can be designed to suit diverse application conditions. They are suitable for many applications in agriculture, biogas, brewing and distilling, ceramics, confectioneries, construction, doughs and creme fillings, dyes, paint and varnish, electroplating, fish processing, fruits, vegetables, pharmaceuticals, cosmetics, poultry and meat processing, oil, natural gas liquids, petrochemicals, shipbuilding, sludge dewatering and treatment, wastewater treatment, paper stock, textiles, wood treatment, glues, adhesives, mastics and wineries.

**FEATURES**

- Open hopper and auger feed screw design
- Optimum product handling: open hopper and auger feed screw are customizable for each application
- Easy maintenance due to quick access to the joints, removable compression zone, the BTES closure mechanism and the plug-in shaft connection
- BTM range pumps incorporate cutting knives for chopping and/or crushing of the pumped product
- Robust design for demanding applications
- Liquid addition points in the hopper and compression zone

**KEY FACTS**

- Conveying capacity: 50 l/h–500 m³/h (0.220–2,200 USGPM)
- Pressure: 36 bar (525 psi), select sizes also in 48 bar (700 psi)