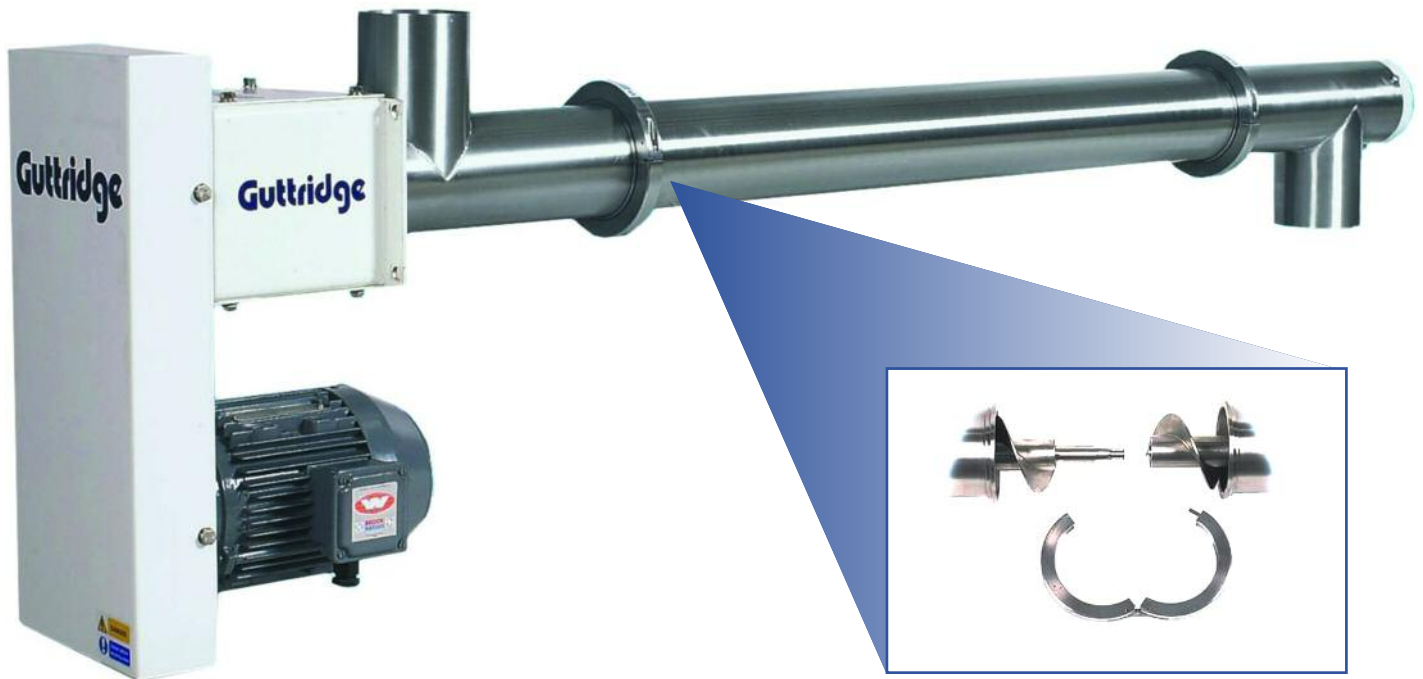


Multiflo



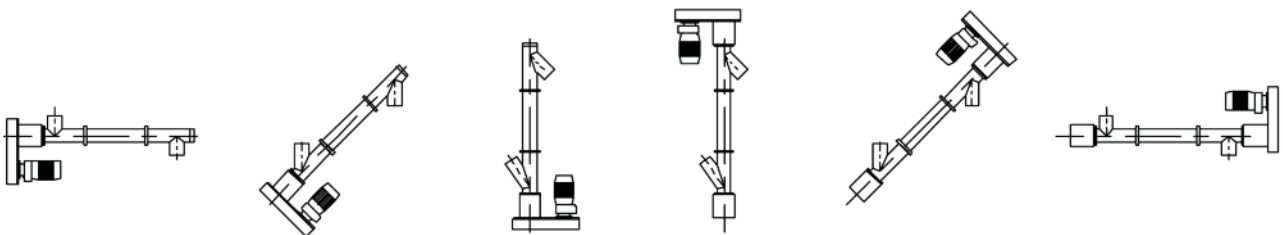
The Guttridge Multiflo is a complete Screw Feeder/Conveyor System for use within the food, chemical and pharmaceutical industries.

Screw Feeders and Conveyors are used to feed free-flowing materials to process machinery from other conveyors, process machines, storage bins etc. The rate at which they convey material can be fairly precisely controlled by varying the screw speed - useful where several different materials have to be metered into a mix for example. Control systems of varying degrees of sophistication can be provided to allow as little or as much automation and control as necessary.

The modular design allows any configuration to be easily and quickly built up to suit a customer's exact requirements. Inlet hoppers and other special purpose fittings are easily incorporated to customise machines as necessary.

- Easily dismantled for cleaning and maintenance
- 316 stainless steel contact parts
- Modular design for fast delivery
- Packing gland seals designed for easy access
- Suitable for horizontal, inclined or vertical use
- Available in a wide variety of configurations

The Multiflo Screw Conveyor/Feeder System can be configured in many different ways:-



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Construction

- The Multiflo machine is sturdily constructed, using high quality materials throughout. All components are precision punched and fabricated for ease of assembly and interchangeability.
- All contact parts are manufactured from 316 grade stainless steel, external surfaces polished with a uniform grained finish to 180 grit.
- Non-contact parts are manufactured from mild steel with external surfaces powder coated for maximum durability and long life.
- The drive is from a standard geared motor with a chain drive, selected to suit the required screw speed. Motors are rated to IP55 as standard.
- Conventional flange bearings support the stainless steel drive shaft which rotates in a packing gland seal to provide an effective seal against most types of products.
- The tail shaft runs in a nylon bush ensuring a long trouble free life.

Operation

- Careful attention has been paid to the design of the Multiflo machine to ensure ease and safety of operation.
- A single Allen key is the only tool necessary for a typical clean-down operation between batches.
- The main tube sections are joined by a special tube clamp which provides a strong and secure joint that can be easily disassembled by undoing a single captive set screw.

- The drive shaft and screw sections are connected using special slip-fit couplings which require no gudgeon bolts making disassembly remarkably quick and easy.
- The Multiflo is designed for horizontal, inclined or vertical use, but this must be specified at the time of enquiry.
- The drive motor mounting is of a unique design, allowing the drive to be positioned above, below or at the side especially useful where site conditions allow limited space.

Maintenance

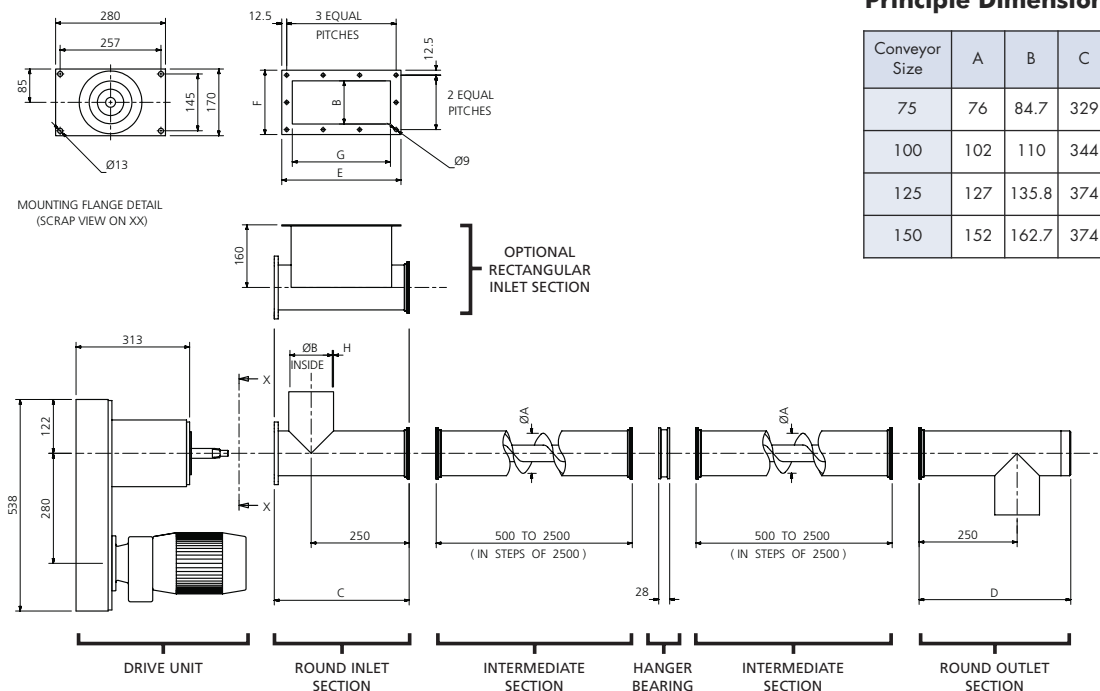
- The Multiflo machine has been designed to be reliable and easy to maintain so that non-productive downtime is kept to a minimum.

Optional Extras

- Variable pitch flighting, ribbon flighting, crescent blades, etc., are all available to suit particular applications.
- Tube support clamps can be supplied loose for positioning on site.
- Fully wired unit with DOL starter.
- Variable speed inverter drive fully wired with on/off switch and speed control potentiometer.
- Electronic soft start unit available for applications requiring frequent stop/starts.
- Stainless steel polished to special requirements.
- Special purpose machines, fabricated entirely to customers' own specifications.

Our policy is one of continuous improvement, all dimensions and technical details are subject to change without notice. Please check at time of ordering.

Multiflo



Principle Dimensions

Conveyor Size	A	B	C	D	E	F	G	H
75	76	84.7	329	387	289	139	235	2.1
100	102	110	344	387	304	164	250	2.1
125	127	135.8	374	397	334	217	280	2.8
150	152	162.7	374	425	334	217	280	2.8

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