



## SCREW CONVEYOR

A **screw conveyor** or auger conveyor is a mechanism that uses a rotating helical screw blade, called a "flighting", usually within a tube, to move liquid or granular materials.

The reliable, yet simple and low maintenance flexible screw conveyor uses a single moving part to effectively convey dry material from one point to another. The flexible screw conveyor has been used in the dry processing industry for decades.

## TECHNICAL SPECIFICATIONS

MODEL	PSC 46	PSC 49	PSC 412	PSC 66	PSC 69	PSC 612	PSC 86	PSC 89	PSC 812
MOTOR	3HP	5HP	7.5HP	3HP	5HP	7.5HP	5HP	7.5HP	10HP
DIAMETER	4"	4"	4"	6"	6"	6"	8"	8"	8"
LENGTH	6 m	9m	12m	6 m	9m	12m	6 m	9m	12m

Also available in customised lengths.

## SALIENT FEATURES

- Engineered for batch, intermittent and continuous conveying - of free - and non-free-flowing bulk materials.
- An economical solution for conveying powders, crystals, pellets, friable material, flakes, granules and much more.
- Convey Horizontally or Vertically – The flexible outer tubing and auger allow for easy manoeuvring into elevated hoppers and bending around other equipment and obstacles.
- Simple, yet rugged construction keeps costs low, reliability high - A helicoids screw rotates inside a fixed tube.
- Fewer components minimize maintenance.
- The conveyor's standard stainless steel construction stands up to a continuous flow of abrasive materials.
- Convey materials over distances up to 80 ft - (24.4 m) and discharge heights up to 40 ft (12.2 m).
- Easy to clean - Disassemble conveyor in 5 minutes for thorough wash downs.
- MATERIAL OF CONSTRUCTION : Mild Steel / Stainless Steel

## AREAS OF APPLICATIONS

- Plastic and Polymer
- Food & flour industries
- Minerals & Metals
- Pharmaceuticals/Herbal
- Plastic and Polymer
- Food & flour industries
- Minerals & Metals
- Pharmaceuticals/Herbal
- Spices Industries
- Refractories and Abrasives
- Ceramic Industries
- Starch and Glucose
- Dairy Industry
- Pesticides and Insecticides
- Soap and Detergent



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