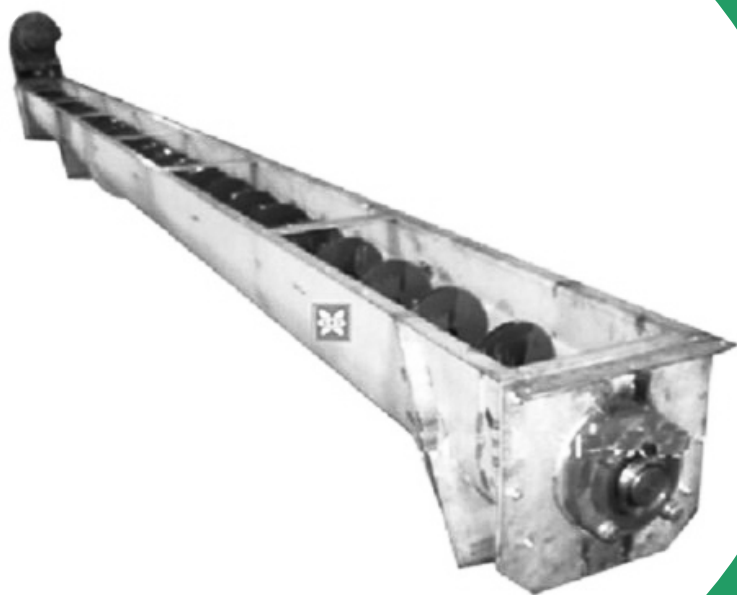




FANS BRO ERECTORS

*Specialist in
Blending & Roasting Systems*

*Fabrication, Erection & Commissioning of
Equipment and Vessels For Chemical Plants,
Atomic Power Plants, Dairy
& Food Processing Industries.*



Address

11 D/E, Vimal Industrial Estate, Naik Pada,
Waliv, Vasai (East), Pin 401208

WebSite

www.fansbroerectors.in
www.industrialroaster.com
www.roastermachines.com

Phone

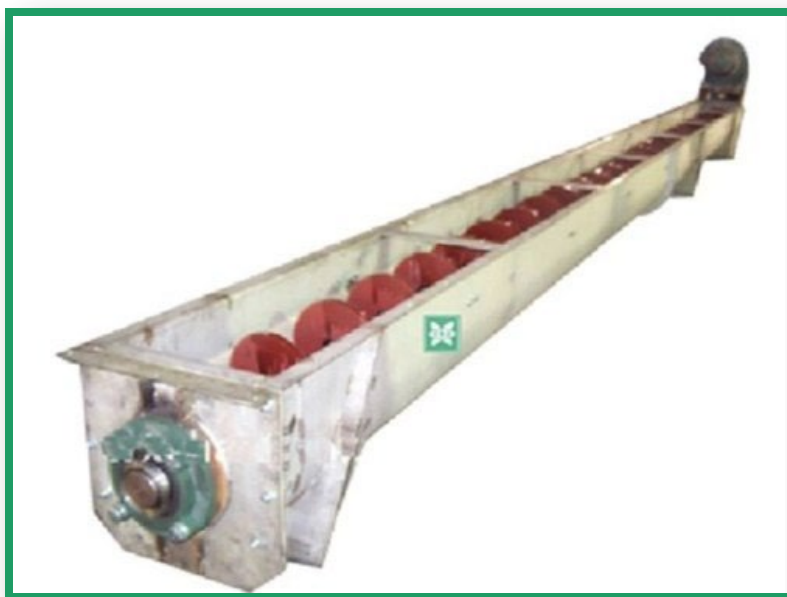
+91 9869205200, 8108151494, 9322244014

Email ID

sales@fansbroerectors.in

Screw Conveyor

Screw conveyors are used to transfer granulate, powder type material from one location to another, in vertical, horizontal or inclined positions. The equipment can be manufactured in various ferrous, non-ferrous materials as per customer requirements. The equipment can be manufactured in various ferrous, non-ferrous materials as per customer requirements. Screw conveyors are very suitable for being adopted as a device to control the volume of materials flow from the bottom of bins, hoppers, storage silos etc. When screw conveyors are used for this purpose they are termed as screw feeders. Screw feeders have wide applications for the operation of processing units like driers, hammer mills, oil expellers and other innumerable mills. Screw conveyors are recommended for its application in different industries for simplicity of design, easy construction and maintenance. Typical applications include grain storage plants, feed mills, cereal processing plants, chemical plants, and a sand preparation shop of a foundry for delivery of clay to the mixing machines. Screw conveyors are accessible in numerous arrangements. These are planned in view of industry measures and are contemporary in development, giving adaptability to an assortment of uses.



Applications of Screw Conveyor

Abrasives Agro Chemicals Animal Feed Cereals Coating Chemicals Talcum Powders	Flours Fungicide Treatments Gulab Jamun Premix Idli Premix Mouth Freshners Oleoresins Upma Premix	Powders Salts Snacks Spices Soybeans Soup Premix Vitamins	Detergents Dhokla Premix Explosives Fertilizers Fish Foods Starch	Pet Foods Pesticides Pickles Pharmaceutical Polymer Chips Sugar
---	---	---	--	--

At Fans Bro Erectors, we have manufactured and supplied our machines to numerous reputed organizations all over India like:

- MTR Foods – Bangalore.
- ITC Ltd., CFTRI – Mysore.
- Suruchi Spices, Bhojwani Foods Saoji Masala – Nagpur.
- Everest masala - Mumbai /Umbergaon.
- VKL seasonings, Synthite Eastern Masala – Kerala.
- NILON, MERICO JAIN FOOD PARK NAVALPRABHA FOODS – Jalgaon.
- GOLDEE Spices, INDISH MASALE – Kanpur.
- HALDIRAM snacks - Noida, Nagpur.
- BAMBINO, Ganesh Grains Surya Masale, Telugu Pickles – Hyderabad.
- PRIYA FOODS – Vijayawada.
- FUTURE CONSUMERS - Mumbai / Tumkur / Sonipat / Indore.
- Dave / Lala / Agrawal Masale – Indore.



We have manufactured and exported our machines to numerous reputed organizations worldwide like:

- Veena Foods – USA.
- Sun Spices / Pappadew International - South Africa.
- Windsor Foods / Datar n Sons - UAE.
- Spicing lives / Lanka spices (Macronic) / Lanka Dairy – Sri Lanka.
- Adcon Services – Nigeria.
- Cast alloys – Philippines.
- Chief brand- Trinidad & Tobago.
- Lazzat – Mauritius.
- Bhatbhatni food product/ Pathibrata life care, Himalayan Tea – Nepal.

Why Us?

We offer the most qualitative products and services. Extending our services in the international arena, we stand apart from the other competitors as we have:

- Rich industrial experience of more than 45 years.
- Strong foothold in the Food Processing Industry.
- Ethical and valued business operations.
- High quality Food Processing Industry products.

Since 1975, Fans Bro Erectors, has become one of the most trusted and quality-driven manufacturers, exporters and suppliers of Industrial Roasting Machines, Industrial Screw Conveyor Machines, Industrial Cooling Blender Machines, Industrial Ribbon Blender Machines, Industrial Spice Roasting Machines, Grain Roasting Machines, Cereals Roasting Machines, Pulses / Dal Roasting Machines, Flour Roasting Machines, Seeds Roasting Machines, Dry Fruit / Nuts Roasting Machines.



Technical Details For Screw Conveyor

Name of equipment	Screw Conveyor
Purpose	For feeding raw material to a Shifter / Roaster machine / Cooling blender
Shape	U Cross sectional with / without Feeding hopper
Shape	U cross sectional horizontal
Position	Inclined
Trough Size	6" (150 mm)
Contact Parts	Stainless Steel 304
Non-contact Parts	Mild Steel
Finish	Internal: Hygienic finish. Exposed: Enamel paint
Central shaft	'C class' pipe with solid ends
Screw	6 mm thick plates, welded to central shaft
Electrical Power	A.C, 440 Volts Three Phase 50 Hz. 4 Wire at single point available near the machine
Electric Motor	TEFC, Non flame proof, Foot mounted, 1440 rpm, of Suitable capacity "HINDUSTAN" make
Gear Box	Suitable capacity of reputed make
Drive unit	Enclosed in a Mild Steel fabricated enclosure.
Feeding screw Conveyor	6" NB x 2.5 Mtr Long with Feeding hopper for loading material to Shifter with 2.0 HP drive unit
Feeding screw Conveyor from Roaster to Cooling blender machine	6" NB of suitable length for transferring material from Shifter to Roaster, Roaster to Cooling blender, Cooling blender to Storage silo with 1.5 HP drive unit. 6" NB of suitable length for transferring material from Shifter to Roaster, Roaster to Cooling blender with 2.0 HP drive unit, and from Cooling blender to Storage silo with 3.0 HP drive unit
Shifter	4' Dia. vibrating screen contact parts fabricated in 2 mm thick SS 304, top cover in 1.6 mm thick SS 304 sheet, Non-contact parts in Mild Steel base from 3 mm thick plate and casting 5 mm thick plate with Epoxy painted with top cover single deck type. Single deck, anti-clogging arrangement with 2 HP motor drive.



Exclusions

- 1) Any Civil, Structural, Electrical, Instrumental work required for system at site.
- 2) Supply and Installation of Utility equipment required for the system.
- 3) Electrical cables to our battery limits.
- 4) Fuel required to run the Heating system.
- 5) Any other work not specifically mentioned in our scope of supply.
- 6) The Input electrical connection at machines control panel, Air for pneumatic valves, make up the water connection point up to the cooling tower.
- 7) The internal electrical cable wiring from machine panel to machine drive unit / components required for the system will be provided by the supplier, considering installation of panels on the equipment.
- 8) The Supply and installation of discharge duct, from discharge point on fume extraction system is to be arranged by Purchaser.
- 9) Electrical cabling wiring to cooling tower blower along with flexible conduit pipe up to electrical control the panel installed on the machine is to be arranged by the purchaser.
- 10) Transportation, unloading, de crating, shifting, positioning, & Installation of various equipment / fabricated goods supplied by the supplier at their actual locations shall be arranged by the Purchaser.
- 11) The Provision of lift along with accessories for shifting the raw material to the top most floor of structural platform for storage shall be arranged by the Purchaser.
- 12) Regarding CIP system, customer shall provide more details, and exact technical requirement to clear the matter.
- 13) The costing towards extra works, mentioned in Exclusions will be quoted once we visit the site, and at the time of finalization of offer, as per your requirements



Contact Us

 +919869205200  +918108151494

Connect Us



Chat



Mail



Website

Follow Us



Instagram



Facebook



Youtube



Linkedin

Find Us



Corporate Office

