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FAIRFIELD SERVICE COMPANY

Providing excellence in Service, Product, and Value in our efforts to support the Water, Wastewater, and Material Conveyance industries since 1978.

SCREW CONVEYOR & LIVE BOTTOM BINS



- ▶ Expanded metal safety guards
- ▶ Zero speed switch
- ▶ Emergency stop switch with pull cord
- ▶ Direct reducer with chain & sprocket

Water & Wastewater Treatment Equipment



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Fairfield offers various types of screw conveyors, which are efficient in movement of a wide variety of materials in both horizontal and inclined applications. These screw conveyors are made from high quality steel and has various design also.

Fairfield's Screw conveyors capable of moving a vast variety of materials, the material is moved by a rotating screw that pushes or pulls the material along the bottom and sides of the conveyor housing, shearing the material in the radial clearance between the screw and conveyor housing and causing the material to tumble upon itself as the rotating screw's face tends to lift the material.

Screw conveyor consist of following parts,

A. Conveyor Screw

The Conveyor Screw imparts a smooth positive motion to the material as it rotates within the trough.

B. Jig-Drilled Couplings

Couplings and Shaft connect and transmit motion to the subsequent screw conveyors.

C. Hangers and Bearings

Hangers provide support, maintain alignment and serve as bearing surfaces.

D. Trough Ends

Troughs and Conveyors completely enclose the material being conveyed and the rotating parts.

E. Troughs, Covers, Clamps and Shrouds

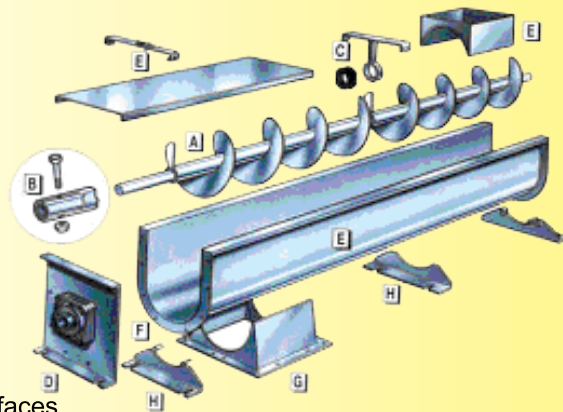
Covers are available in various types and are secured to the trough by spring, screw, tite-seal, or quick-acting barron clamps, depending on the trough being used. Also available as in a tubular configuration with no cover required.

F. Flange

G. Feed and Discharge Spouts

Inlet and Discharge Openings may be located wherever needed. Discharge spouts may be without slides or fitted with either flat or curved slides. These slides may be operated by hand, rack and pinion gears, or by power

H. Supporting Feet and Saddles

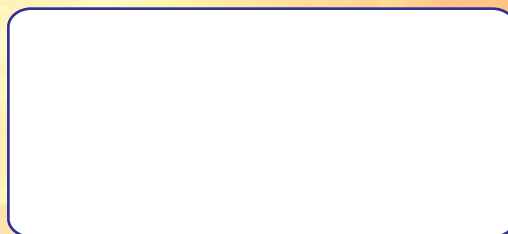


Fairfield also provides a Live bottom bins having capacity ranges from 200 to 1600 Ft³/Hr. Fairfield provides. Heat Tracing which keeps the temperature of 40° F at an outside ambient temperature of 0° F. Hooper walls are galvanized with UHMW liners.

FAIRFIELD SERVICE COMPANY IS MBE CERTIFIED.

Plant

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