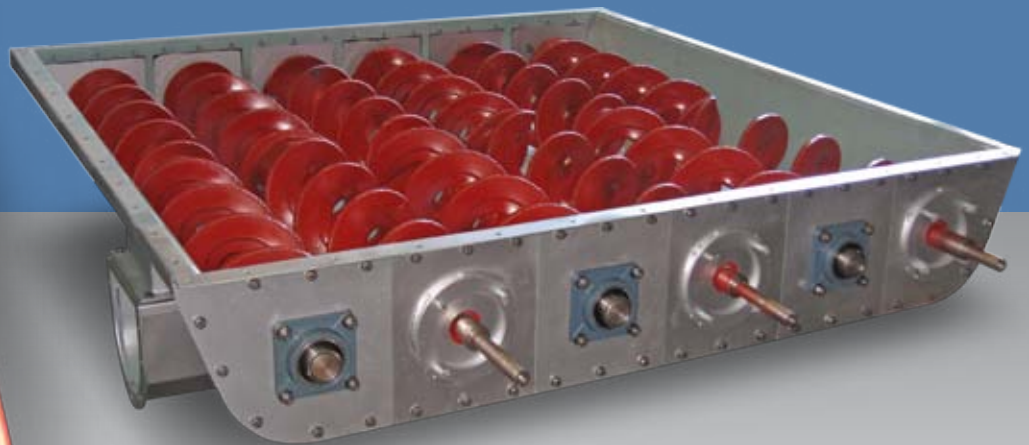


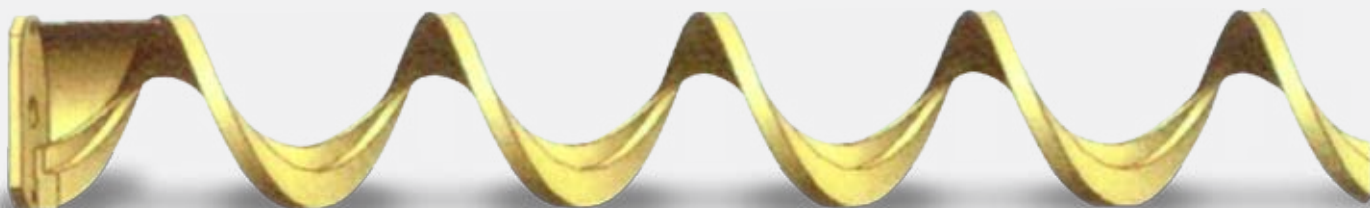
SpiralTech

Screw Conveyors



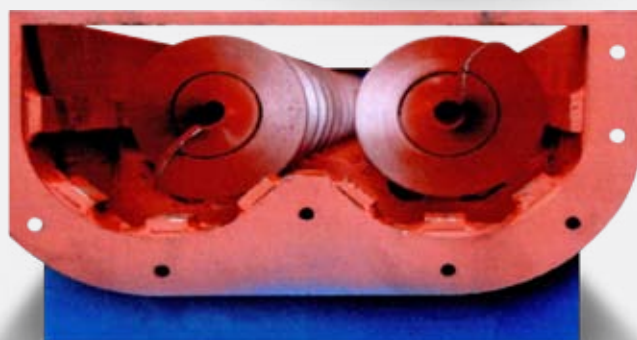
Next Generation
Screw Conveyor Systems

Continuously Rolled Shaftless Spirals



Spiral Tech Screw Conveyors manufacture a range of shaftless spirals for use in a number of industries for material handling. They are manufactured in spiral diameters varying from 160mm to 560mm and manufactured from high quality tensile steel. Available with material handling capacities of up to 126 cubic meters per hour. The shaftless spirals are available in both left and right hand configurations and can be fitted into standard and purpose built conveyor systems. In addition, the spiral screws can be treated for abrasive and corrosive material handling.

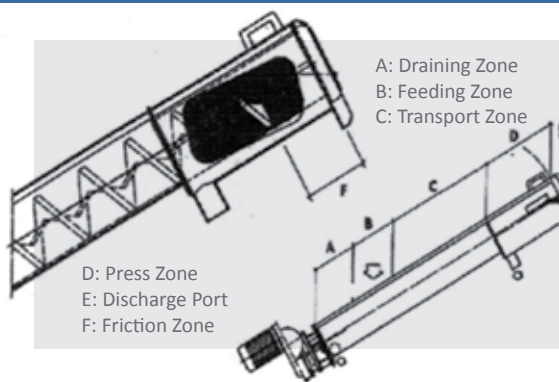
SPIRAL DIAMETER	OUTER SPIRAL	INNER SPIRAL	STANDARD
Outer	D1 x T1	D2 x Y2	Pitch
160	40 x 16	40 x 16	140
215	50 x 20	40 x 12	190
280	60 x 20	40 x 16	250
315	60 x 20	40 x 16	300
360	80 x 25	50 x 20	340
420	80 x 25	50 x 20	370
440	80 x 25	50 x 20	470
480	80 x 25	50 x 20	500
560	80 x 25	50 x 20	540



ALL SIZES CAN BE MADE ACCORDING TO CUSTOMER REQUIREMENTS

De-watering Press Systems

The **Spiral Tech** de-watering press combines transport in the form of a shaftless conveyor and de-watering equipment in the form of the de-watering compaction press into one compact unit to increase efficiency and effectiveness. The conveyor section terminates in a press zone, where the transport spiral is enclosed by a perforated press tube. The length of the spiral here is restricted in such a way that it terminates short of the outlet. This arrangement enables a plug of material to be built up inside the press tube.



Distinguishing Features:

- Spray device for automatic cleaning in the de-watering section.
- Discharge door with adjustable pressure.
- Shaftless spiral ensures no plugging and tangling of stringy materials.
- Requires no more space than a conventional conveyor.
- Screen apertures can be adjusted to suit material and separation requirements.
- U-Through with efficient draining section.

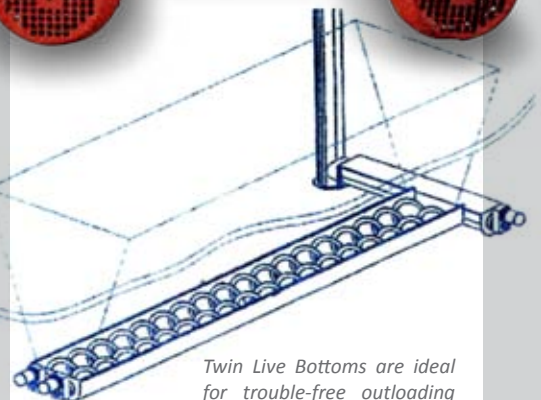
Live Bottom Systems



Spiral Tech Screw Conveyors offer Live Bottom Systems to suit individual material handling needs and can be manufactured to almost any length and width with various capacity ranges.

Live Bottom Systems have the following advantages:

- Arching and bridging in storage hoppers are prevented.
- Shaftless spirals are used which ensure no clogging due to live bottom characteristics.
- Left and right hand spirals with variable pitches that ensure mass flow characteristics.
- Each spiral is individually driven minimizing loss of production due to possible failure of any of the spirals.



Twin Live Bottoms are ideal for trouble-free outloading from silos to bunkers. The Two cooperating spirals produce a good arch-breaking effect.



Our Success
through our
Customers'
Success



Innovation.
Technology.
Support.



SpiralTech

Screw Conveyors

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