



## SYDEX Shaftless Screw Conveyor



## SHAFTLESS SCREW CONVEYOR

Shaftless screw conveyors from Sydex are developed and designed for an efficient transport of materials with a minimal maintenance.

The Shaftless screw conveyor rotates inside a channel with a maximum inclination of 30°. The channel has a bolted covers for simplify the maintenance operations.

The design and the selection of materials could be adapted each time to the properties of the product to be conveyed (Waste water treatment application, food or industry, etc.)

In order to reduce the maintenance cost the Gearbox is directly connected to the shaftless spiral.

### Size / Features:

DIAMETER	INSTALLATION	SPIRAL	LENGHT	CAPACITY	POWER	SPEED
150	0°-15°	simple	0-20 mt	1,5 mc/h	0,55 Kw	29 rpm
150	15°- 30°	reinforced	0-20 mt	0,8 mc/h	0,75 Kw	29 rpm
200	0°-15°	simple	0-20 mt	3 mc/h	0,75 Kw	29 rpm
200	15°- 30°	reinforced	0-20 mt	1,7 mc/h	0,75 Kw	29 rpm
250	0°-15°	simple	0-20 mt	7 mc/h	1,5 Kw	29 rpm
250	15°- 30°	reinforced	0-20 mt	3,9 mc/h	1,5 Kw	29 rpm
300	0°-15°	simple	0-30 mt	11 mc/h	2,2 kw	29 rpm
300	15°- 30°	reinforced	0-30 mt	6 mc/h	2,2 kw	29 rpm
400	0°-15°	simple	0-30 mt	23 mc/h	3 Kw	29 rpm
400	15°- 30°	reinforced	0-30 mt	13 mc/h	3 Kw	29 rpm
500	0°-15°	simple	0-30 mt	45 mc/h	5,5 Kw	29 rpm
500	15°- 30°	reinforced	0-30 mt	26 mc/h	5,5 Kw	29 rpm

### Technical features:

- Shaftless spiral
- Without bearing in bottom end of conveyor
- Robust design
- The conveyor can be mounted Horizontally or inclined.

### Applications:

- Waste matter: sludge, slaughterhouse waste, garbage, ashes, metal grindings.
- Food products: grain, powder, sugar, salt, flour, meal, various waste products.
- Paper and pulp: knot handling, pulp, fibre sludge, wood chips, bark, sand, screenings.
- Recycled paper: pulped reject, heavy reject, fibre sludge, screenings.
- Fuels: wood chips, straw, sawdust, wood dust, peat, pellets, carbon.



**SYDEX**  
pump

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