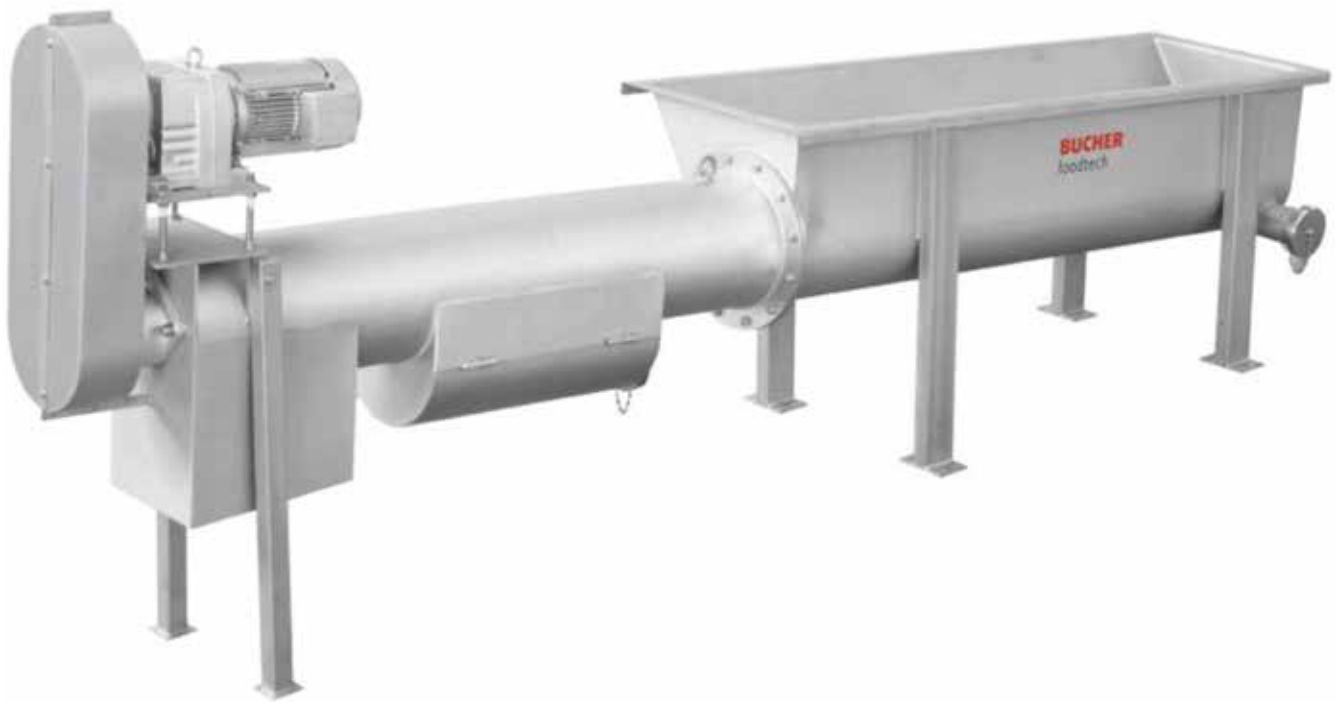


Dewatering Screw Conveyor



Dewatering Screw Conveyor for Screenings

- Screw conveyor with an integrated dewatering zone
- Transport and dewatering of screenings from the flushing water circuit



Application

The Bucher Dewatering Screw Conveyor is designed for dewatering flushing water circuit screenings. It reduces the screenings volume and therefore the solids discharge costs.

Application

The solid fraction from the flushing water screen is fed into the dewatering screw via inlet hopper. In the cylindrical piece the screenings are conveyed and partially dewatered.

The flushing water is drained through the slotted plate into the drainage collector. The dewatered solids drop into the next conveyor or into a container. The water from the drainage collector can also be recycled.

- Reliable screw-dewatering
- Self cleaning grid in the dewatering section
- Separate water drainage for flushing water



Technical data Dewatering screw 300

Screw Diameter	300 mm
Standard length	3'600 mm
Screw speed	20 rpm
Motor	3 kW/400V/50Hz
Capacity	10t/h



Dewatering screw 400

Screw diameter	400 mm
Standard length	3'600 mm
Screw speed	20 rpm

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Products and Services

Process technology for fruit and vegetable processing to juices, concentrates and puree production, for brewing solutions, for filtration, for milk powder production, for the vacuum drying of liquid and solid products, for freeze drying of coffee, tea, fruits, vegetable, etc. Technology for municipal and industrial sludge dewatering and drinking water filtration

Products

Fruit reception lines, mills, mash heaters, hydraulic presses, membrane filtration equipment, cold block equipment, adsorber, ion exchanger, evaporators and aroma plants, pasteurizers, CIP systems, vacuum and freeze drying cabinets and belt dryer, zeolite adsorber, complete processing lines

Services

Process development and project engineering; assembly and commissioning; technical support; original spare parts; inspection; service contracts; retrofits; training; service and maintenance; NetService