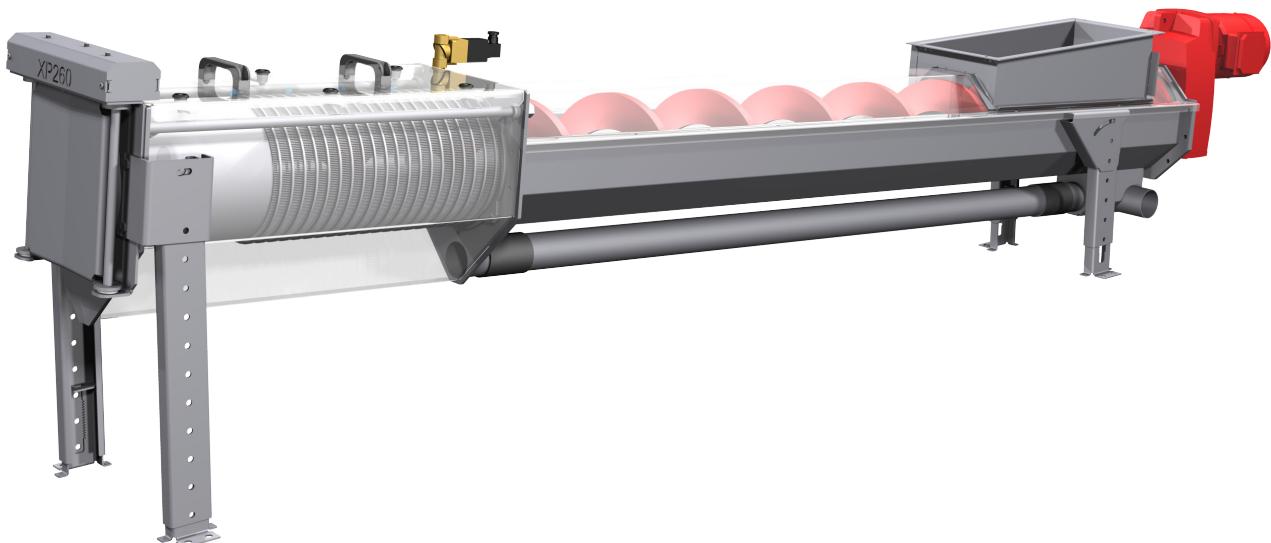


# X PRESS

## Spiral Press in Stainless Steel



### Advantages and features

- Transportation and dewatering
- Compact and cost effective
- Robust and flexible design
- Handles wet, stringy, sticky materials
- Simple and reliable
- Very tolerant of varying flow volumes
- Stainless steel
- Fully enclosed, hygienic

# X PRESS SPIRAL PRESS

The NCS X Press is a reinforced X Conveyor with a compaction and dewatering unit at the discharge end. Between the dewatering zone and the back pressure doors, there is a press zone where a plug is formed. Transportation and dewatering in one compact, affordable unit.

Wet solids are conveyed by a shaftless one-bearing spiral into the press zone, which is a barrel shaped basket made from wedge wire. Very strong and with a large perforated area, it is optimal for dewatering.

Counter pressure is controlled by back pressure inducing tension outlet doors. These are controlled by gas springs optimized for maximum dewatering. As the solids are pushed into the press zone, they are held back by the outlet doors, causing a counter pressure.

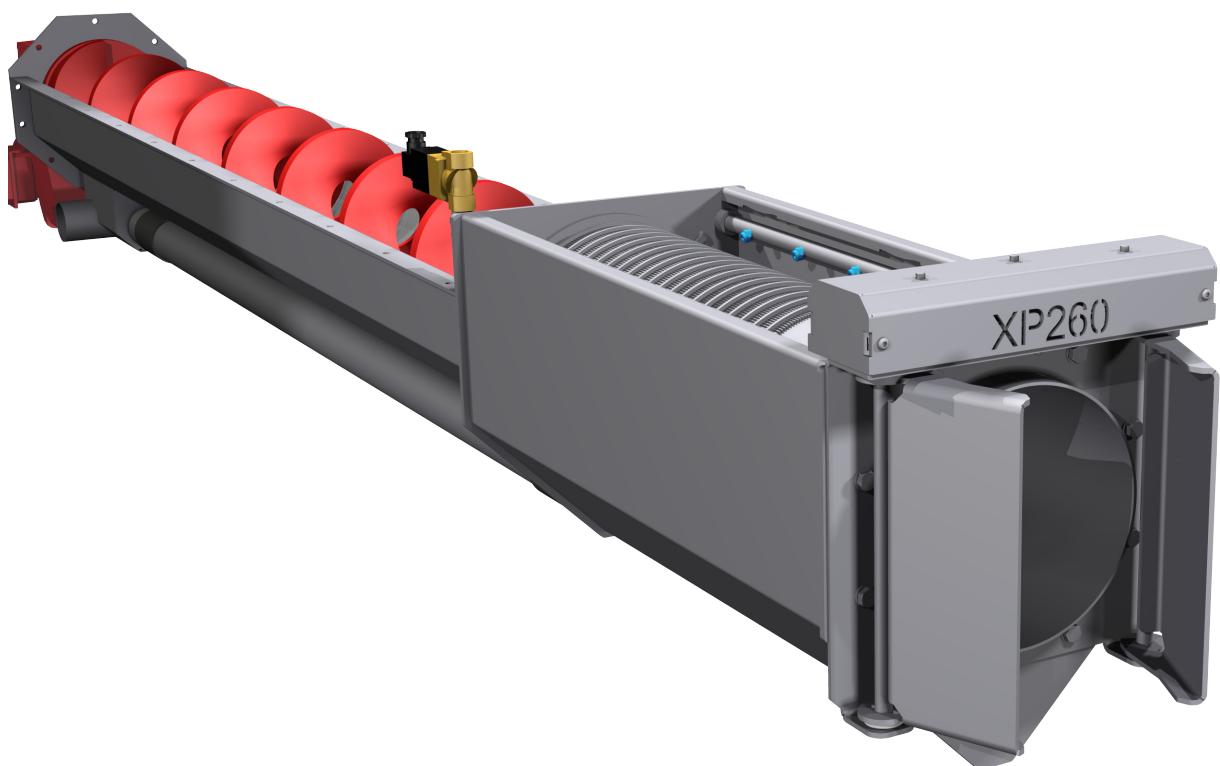
As pressure increase, a plug will form at the discharge and free liquids are squeezed through the basket to the drain. This continues until the plug is solid enough to bypass the outlet doors. Since the conveying part of the press is identical with the X Conveyor it shares the same design innovations and benefits.

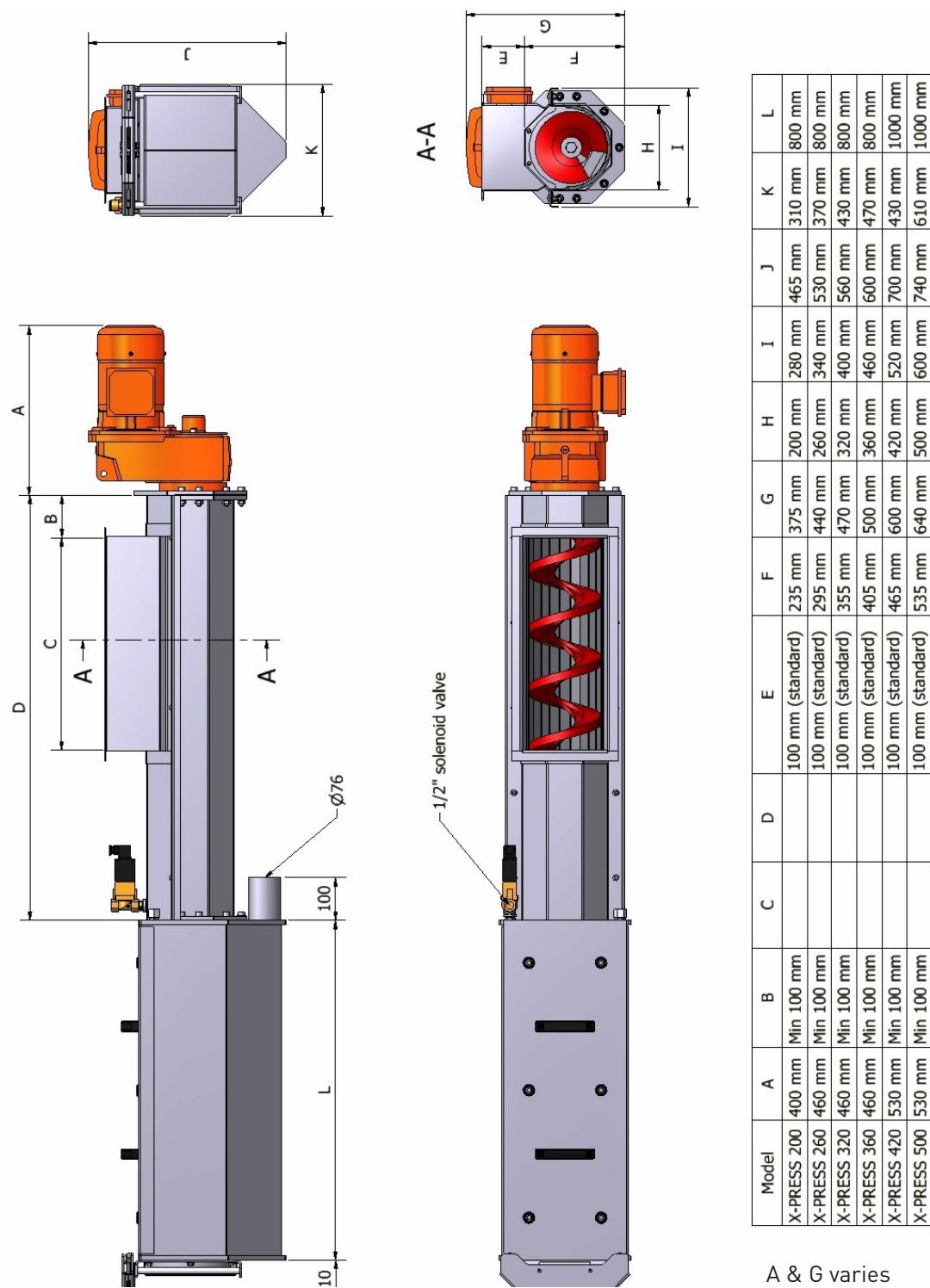
- Up to 25° inclination
- Extremely low inlet height
- Bolt-on supports and inlets, no welding
- Bolt on wear liners in HDPE1000
- Sealed hygienic design.

## Applications

Water	- screenings dewatering - grit dewatering
Paper	- rejects dewatering
Industrial	- beet tails dewatering - vegetable waste dewatering - many others







A & G varies