

/ Screw Press

energy saving

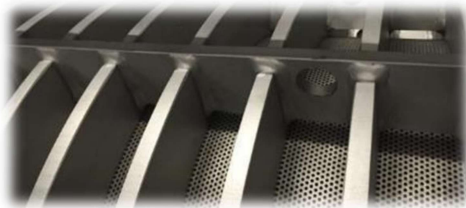


cleanability
on and offline



proven quality

screens adapted
to your process



high availability



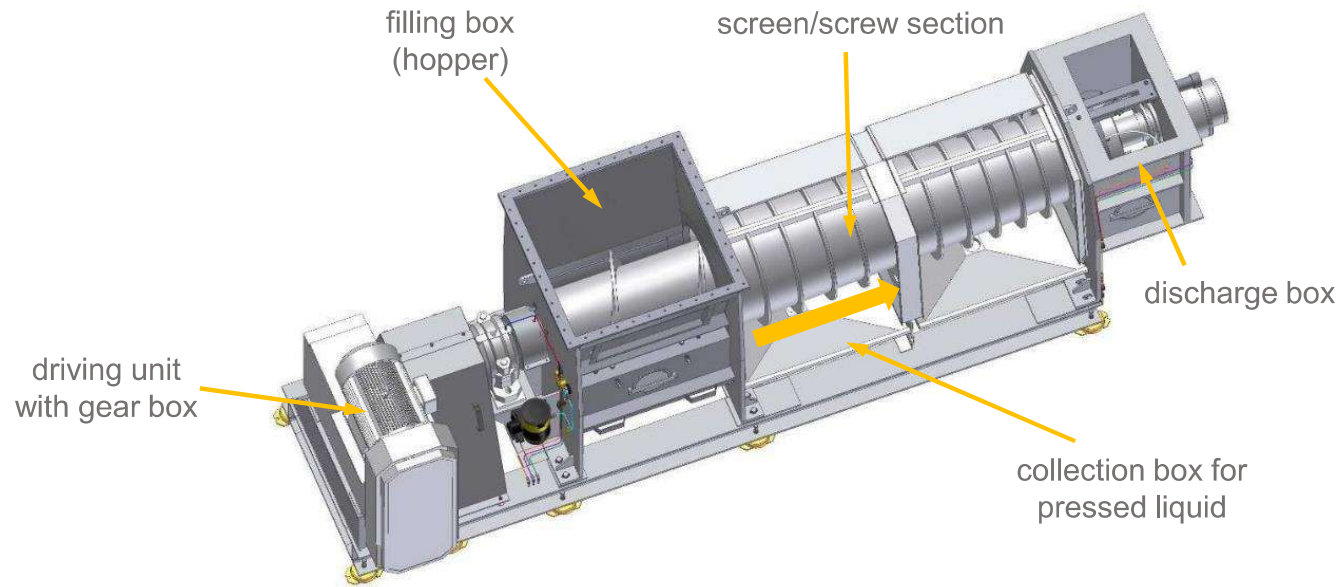
custom design

Main characteristics



- press out water by mechanical force
- compact design for up to 60 metric ton/h capacity
- screw, screen and cage precisely machined for optimum performances
- high dewatering surface
- easy handling, robust design

/ Screw Press – Working principle



Simple test:
press the product in your hand
and look at the effluent

Dewatering is technically
possible, if there is enough
friction within the product to build
up pressure

- the raw material is fed into the filling box (hopper)
- moves into the screw / screen section and is **compressed by screw rotation**
- the liquid is released in the collection box while the dewatered product leaves via the discharge box

/Screw Press – Applications



Starch Industry

- gluten
- starch
- germ (corn, wheat etc.)
- corn husks
- feed / fibres / CSL



Food Industry

- coffee grounds
- pectin (e.g. of citrus peels)
- various vegetables and fruits (sugar beet, potatoes, salad)



Alcohol/Ethanol and Brewery

- wet fibres (wheat and corn)
- spent grains
- yeast



Chemical Industry

- pharmaceutical residues
- plastic granulates



Pulp & Paper and Environmental Industry

- by-products from paper production (paper sludge)
- leaves, grass, eucalyptus, fibres
- compost (biological waste)

/ Screw Press – Design examples

standard design
in ATEX version



splash-proof design



new design – especially for gluten



standard cylindrical design



twin design



twin design
in ATEX version

