

VETTERTEC SCREW PRESSES

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VetterTec offers screw presses based on more than 90 years of experience in mechanical dewatering and 2500 references world-wide. They are used for dewatering media containing solids.

Our screw presses are driven by mechanical or hydraulic systems with infinitely variable speed or electronic control. Wet material is fed to the press section via a feed hopper. In this section, the press screw compresses, tumbles and processes the product and water is forced through the screen basket. After compression, the dewatered product leaves the press via a discharge hopper.



ADVANTAGES

- ✓ Energy saving in the drying process
- ✓ Rugged design in proven quality
- ✓ Easy handling
- ✓ Little space requirements through compact construction
- ✓ Screw, screen and cage precisely machined for optimum performances
- ✓ Continuous dewatering process
- ✓ High availability
- ✓ Little wear and tear
- ✓ Cleanability on- and offline
- ✓ Wide range of applications

SPECIAL FEATURES

- ✓ Compact design for up to 60 metric ton/h capacity
- ✓ Custom design: Screws and screens adapted to your process
- ✓ Integrated washing system available
- ✓ Fully armoured screw design also possible
- ✓ Design in accordance with all relevant ATEX/NFPA or similar local requirements
- ✓ Designs for special needs available (e.g. FDA standard, GMP – Good Manufacturing Practice, etc.)



Gas-tight screw press in conical design



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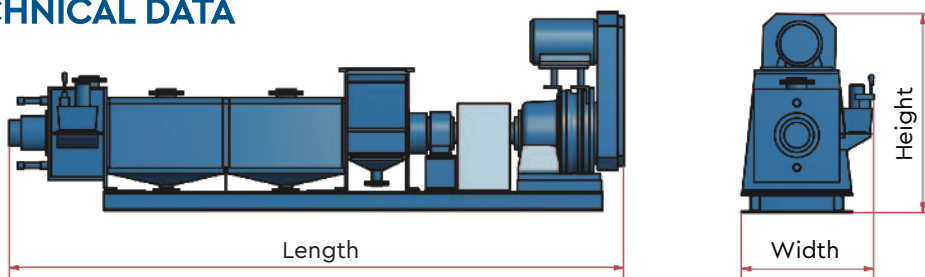
VETTERTEC SCREW PRESSES

VetterTec screw presses are used in a wide range of applications. In addition to mechanical dewatering, they can also be used to wash out soluble parts of a product. Depending on the application, we use specific conical or cylindrical screws. Special designs – adapted to customer's requirements in Food standard, GMP (Good Manufacturing Practice) – are also possible.



For optimal operation, each press is especially tailored to its application. To this end, e.g. the screw geometry is adapted, the screen perforation optimised, the drive designed etc. Heavy duty design is possible. According to requirements, pressing tests either on the customer's site or in a lab can be a useful supplement.

TECHNICAL DATA



Press Type	K16	K20	K24	K30	K36	K45	K54
Length (mm)	3800	4400	5000	5800	6600	8200	9000
Width (mm)	1200	1400	1500	1600	1800	2200	2400
Height (mm)	1600	1700	1900	2100	2300	2600	2800
Weight (kg)	3000	5000	7000	9000	12000	16000	18000
Capacity (kg/h)	1300	2500	5000	8000	15000	25000	55000

Fields of Application

Starch and Grain Industry:

- ✓ Wheat gluten
- ✓ Corn germs, corn fibres
- ✓ Barley mash

Alcohol/Ethanol Industry:

- ✓ DDGS
- ✓ Fermented cereals

Brewery Industry:

- ✓ Spent grains

Food Industry & By-Products

- ✓ Coffee grounds
- ✓ Pectin
- ✓ Salad & vegetable waste
- ✓ Potatoe pulp
- ✓ Citrus fruits (peel, pectin)
- ✓ Silage material (grass, rye, corn)

Pulp & Paper and Environmental Industry:

- ✓ By-products from paper production (paper sludge)
- ✓ Eucalyptus fibres
- ✓ Leaves, grass
- ✓ Biological waste
- ✓ Fermented organics

Chemical Industry:

- ✓ Pharmaceutical residues
- ✓ Cellulose acetate
- ✓ Plastic fibres
- ✓ Mineral fibres
- ✓ Leaching of alcalics (CL, S, etc.) prior to combustion plants

vettertec.com

Head office (Germany)
VetterTec GmbH
Tel. +49 561 50019-0
info@vettertec.com

Germany
VetterTec GmbH
Tel. +49 7121 9017-0
werco@vettertec.com

North America
VetterTec Inc
Tel. +1 450 505 6111
info.na@vettertec.com

United Kingdom
VetterTec Ltd
Tel. +44 1732 441440
info.uk@vettertec.com

P.R. China
VetterTec China Co. Ltd.
Tel. +86 13 901800861
info.cn@vettertec.com