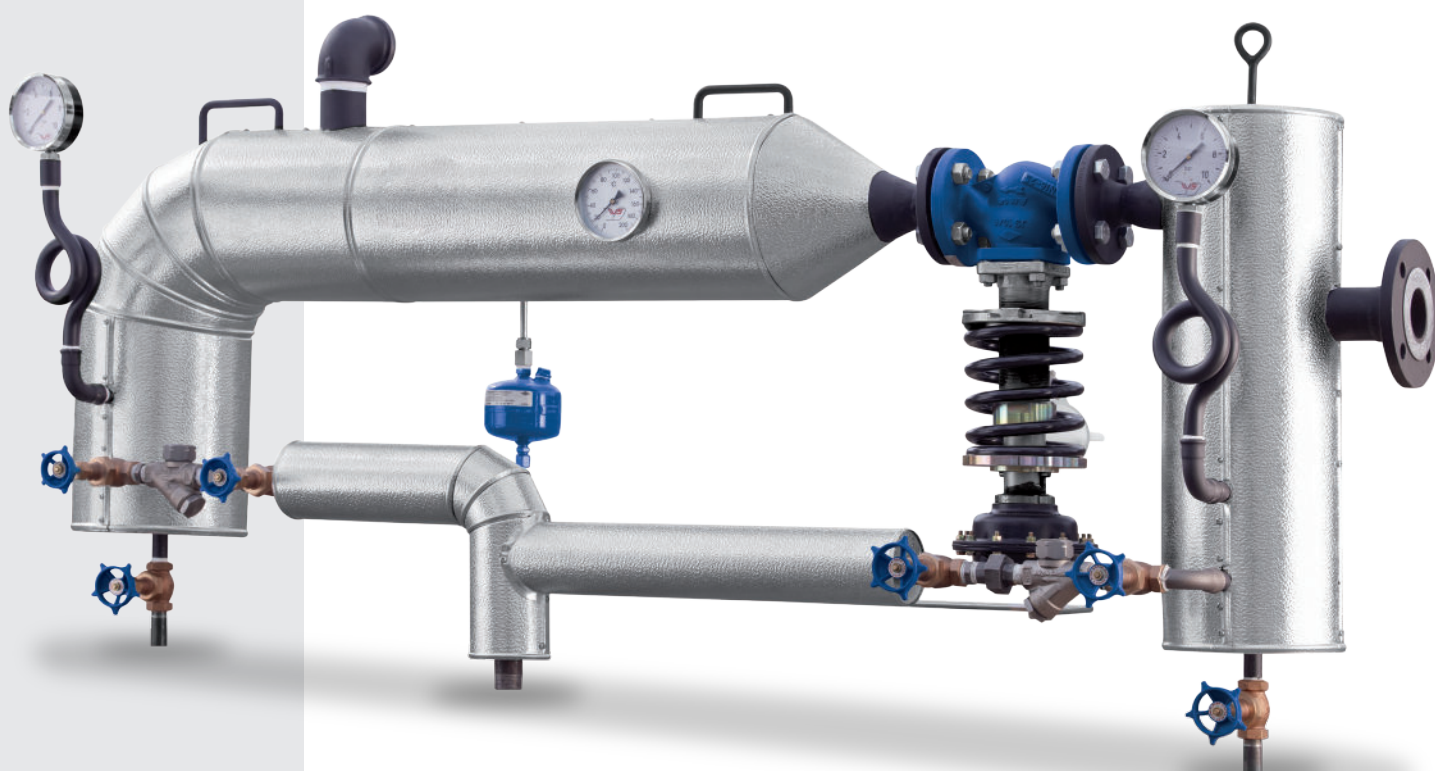





OTTEVANGER
PROCESS SOLUTIONS


Steam Sets


Technical Datasheet



Developed with IVS expertise,
specialist in steam and liquid dosing.

An increase
in the press capacity 

Better-quality
(dry) steam 

Energy savings
regarding the steam- 

Steam Sets

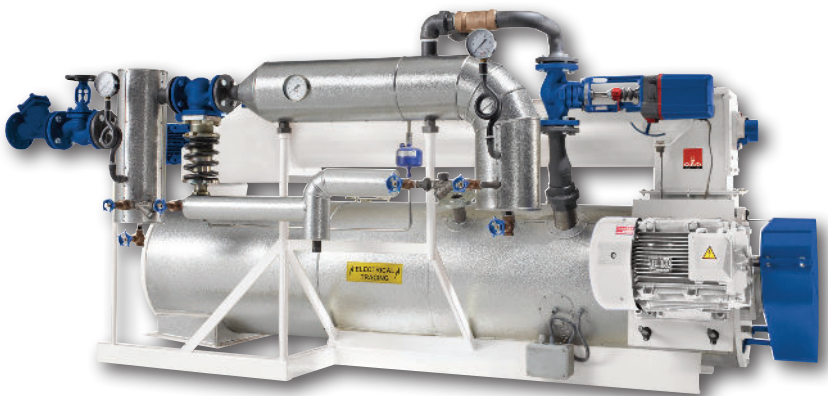
Adding steam to the production process improves the compressibility

Adding steam to the production process of animal feeds improves the compressibility (an increase in the press capacity of 20% is no exception) and the condition of the laying mash.

Steam deactivates micro-organisms while other properties (including aroma, taste and texture) of the product mix are retained. For the production of high-quality (dry) steam – the quality is determined by pressure and temperature – Ottevanger supplies steam lines and steam injection systems on conditioners, presses, expanders and compactors.

A characteristic of the injection systems is the volume-increasing drainage vessel after the reducing unit in which a steam flash, and thus superheated dry steam, is generated. The compact systems are available in the capacity range of 150 – 2.500 kg/hr.

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For more information, visit our website.

Features

- ✓ Better-quality (dry) steam
- ✓ High-temperature steam up to approx. 140° C
- ✓ Higher product temperature because of the dry steam
- ✓ Energy savings regarding the steamboiler
- ✓ Minimum product fouling caused by condensation
- ✓ Easy to install
- ✓ Contributes to increased conditioning of the product
- ✓ Manually operated bellows valve
- ✓ Steam filter
- ✓ Vertical drainage vessel with pressure gauge 0-10 bar
- ✓ Predu reducing unit, variable between 0.8 and 2.5 bar
- ✓ Condensate vessel
- ✓ Drainage vessel with pressure gauge 0-10 bar and thermometer 0 – 200° C
- ✓ 4 condensate valves, 2 thermodynamic steam traps and 2 flush valves
- ✓ Pneumatic flap valve with magnetic valve include a open and close position indicator
- ✓ Control voltage 24 VDC or 230 VAC
- ✓ Premio Plus electrically operated control valve, control 4-20 mA with valve element position indicator 4-20 mA
- ✓ Mains voltage 230 VAC
- ✓ Insulated with rock wool and finished with aluminium scaled sheet