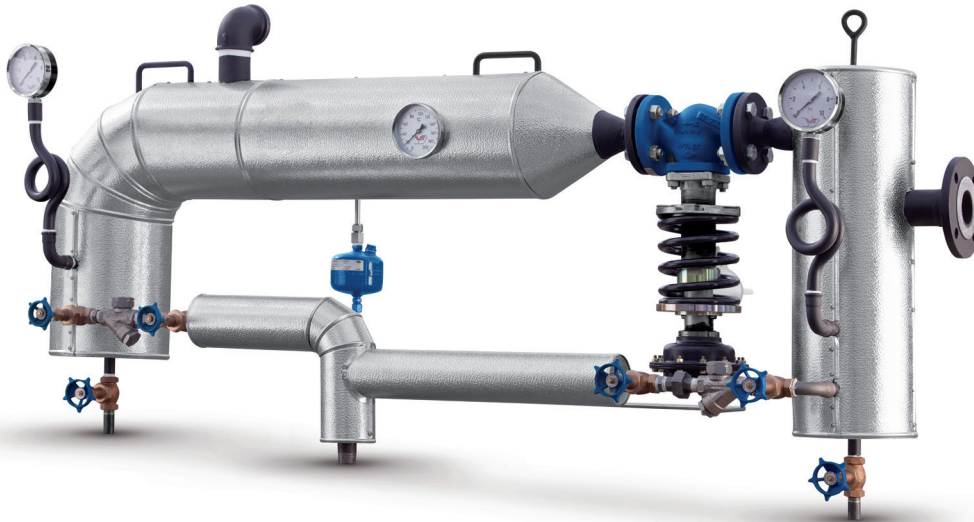




## Steamsets



### General

Adding steam to the production process for animal feeds improves the compressibility (an increase in the press capacity of 20% is no exception) and the condition of the laying mash, among other things. Steam inactivates micro-organisms while the sensory 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 – Almex supplies steam lines and steam injection systems on mixers, presses, expanders and compactors.

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 with a capacity of 150 – 2.500 kg/hr, are easy to install and use relatively little energy.

### Benefits

- » Better-quality (dry) steam
- » High-temperature steam up to approx. 140° C
- » Higher product temperature because of the dry steam
- » Energy savings regarding the steam boiler
- » Minimum product fouling caused by condensation
- » Easy to install
- » Contributes to increased conditioning of the product

### Technical specifications

- » 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 and 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

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## *Extruders and Expanders*

**ALMEX**  
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