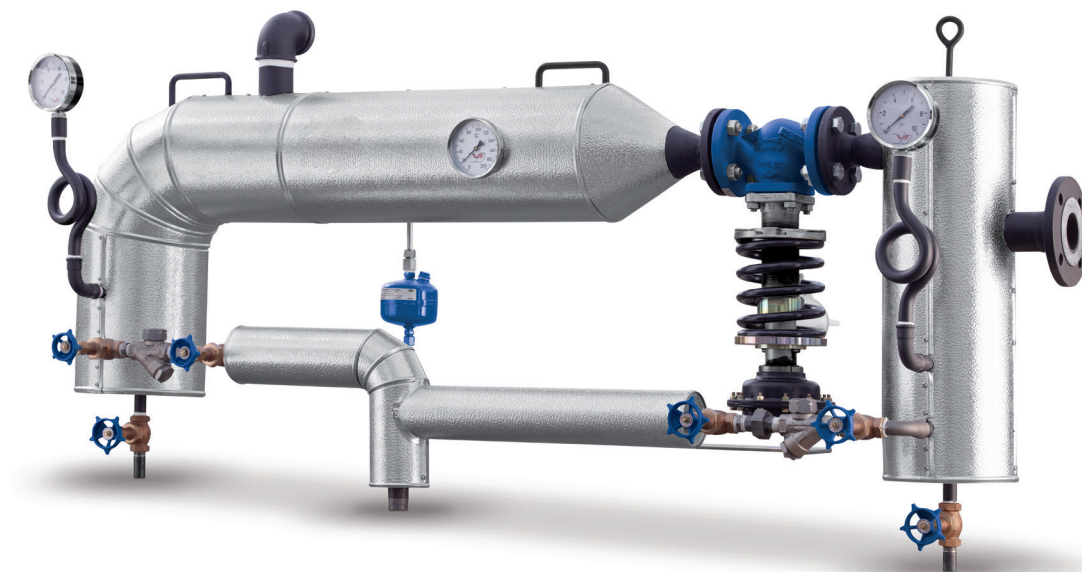




OTTEVANGER
MILLING ENGINEERS



Steam sets



General

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,

Advantages

- » 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 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



Ottevanger Milling Engineers

Moerkapelle, Aalten and Heteren - The Netherlands

Tel. +31 79 593 22 21

E-mail: info@ottevanger.com

www.ottevanger.com



OTTEVANGER

MILLING ENGINEERS

- » Design » Engineering » Manufacturing » Construction and commissioning
- » Feed mills » Pet food plants » Aqua feed plants » Cereal processing plants
 - » Soybean processing plants » Premix and concentrate plants » Silos
- » Bulk storage and handling systems » Electric control and automation



Ottevanger Milling Engineers B.V.

Location: Moerkapelle
Moerkapelse Zijde 32
2751 DL MOERKAPELLE
The Netherlands
Tel. +31 (0)79 593 22 21

Location: Aalten
Dinxperlosestraatweg 62
7122 AH AALTEN
The Netherlands
Tel. +31 (0)543 472 688

Location: Heteren
Komkleiland 4
6666 MG HETEREN
The Netherlands
Tel. +31 (0)26 47 906 99

www.ottevanger.com
info@ottevanger.com