



Farming

Technology for
Feed Production





welcome

Welcome

BDW Feedmill Systems GmbH & Co. KG is specialised in the planning, production and assembly of facilities for producing pet food. State-of-the-art CAD planning and design technology, highly-motivated and qualified employees as well as high-performance production facilities guarantee best quality for their customers.

To be in a position to provide every customer a customised solution, their systems are divided into »Feedmill« (performance 20-100 t/h), »Farming« (performance 0.5-20 t/h), »Premix« (technology for the industrial production of premixes, concentrates and special products), and »Grain« (technology for the cleaning, drying and storage of grain).

Following an intensive analysis of the requirements, they find the best technical solution in cooperation with you. While doing this, individual wishes are taken into account.

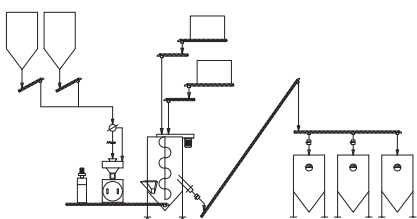
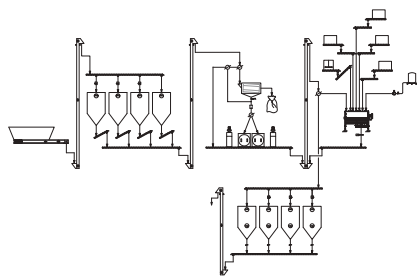
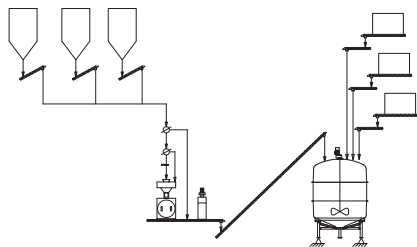
The qualified personnel take over the complete processing of the entire project, including the initial run of the machines and employee trainings on site. Regardless of whether it is a small, medium-sized or large compound feed plant: their specialised employees perform the on-site assembly and installation in cooperation with reliable partner companies.





Feed production

Individual feed production



The trend towards processing grains into mixed feed on the customer's own premises is on the increase. And it is no wonder when individual feed mixes can be produced. You know the exact quality, save transport costs and you are much more flexible. BDW can provide the right technology:

Planning and designing such systems is based on a thorough analysis of needs. An overall concept especially adapted towards the requirements is developed in advance for each of our customers - this is the only way of achieving a successful result!

- Hammer mills with a throughput rate of 1 to 9 t/h
- Different mixers/construction types and sizes
- Indoor and outdoor silos in various sizes for grains, raw components and the finished mixed feed
- Containers for pre-mixes and micro components
- Press lines





Hammer mills

Our hammer mills work with various drive rates. Different mills or screens are used depending on the requirement, e.g. fine grinding or feed with a higher structural content. Thanks to special mill control, the delivery volume is automatically adapted to the respective delivered materials.

The finished meal can be transported using different delivery elements (elevators, trough chain conveyors or screw-conveyors).

Which type is used (single, double or parallel mill) depends on the necessary performance. It certainly may make sense to use parallel system rather than individual large mills to produce different feed recipes or grain sizes more quickly.

Advantages

- High throughput rate
- Regular feed structure
- The mill grinds in both rotational directions; meaning consistent screen wear
- The screen cleaner and metal separator ensure higher performance and a longer mill service life
- Solid construction
- Dust filters for more hygiene
- Maintenance-friendly
- All parts of the mill are mounted on a frame; this means minimum installation work on-site





Mixer

Our vertical and horizontal mixers can thoroughly mix various raw components such as grains, soya, dry minerals, vitamins and oils to produce high quality feeds. All quantities can be processed with high mixing accuracy.

Our vertical mixers are available in various sizes. The mixer is fed using the opening in the cover and/or via the intake from below. The discharge outlet on the side is used to empty it.

Advantages

- Solid, vertical mixing screw-conveyor
- Compact construction in steel design; space saving and sturdy
- A cleaning hole provides access to the screw-conveyor
- Operations can be monitored in the viewing window

Our horizontal mixers are available in various sizes. The mixing rate can be increased further with preparation and follow-up tanks. Loading cells ensure precise weight registration. Discharge without residues takes place using an opening underneath, which is automatically closed with a slider.

Advantages

- Double steel screw-conveyors rotating in opposite directions work along the whole length of the mixer
 - > High mixing accuracy (1:100,000)
 - > Very good mixing quality - even when adding small quantities
 - > Low wear
- Short mixing times
- Weighed batch mixer for precise weight registration
- Discharge without residues
- Maintenance-friendly cleaning opening





Silos & presses Indoor/outdoor silos and **press lines**

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