

Milling and mixing plants

Unnerweg 84
D- 49688 Lastrup
Tel.: +49 (0) 4472 940090
Fax.: +49 (0) 4472 940099
E-Mail: kessens@kessens-technik.de

www.kessens-technik.de



The advantages of your own feed production are obvious



- individual fodder mixtures
- always the same quality
- always available
- low transport costs

We offer the optimal solution for you!

Hammermill type KHM with vertical rotor

The hammer mill KHM can produce various ground material with optionally high or low fines. The mill control automatically regulates the optimal feed and capacity utilisation for each product. Depending on the desired performance and structure, it may be useful to use several mills in parallel.



* The performance is dependent on grain type and moisture, as well as type and size of the screen

type	KHM11	KHM15	KHM22
drive power kW	11	15	22
capacity t/h	3,5	4-5	6,5

other sizes up to 30 kW available

Horizontal mixer type KHT

The horizontal mixer with internal large mixing shaft is available in various sizes and versions. The special construction of the mixing shaft ensures fast and accurate mixing of your products. The complete emptying is automatically possible via a motorized gate-valve at the bottom of the mixer. Due to the 4-point weighing system (each support with one weighing cell) the exact dosing of the mixing components is guaranteed.



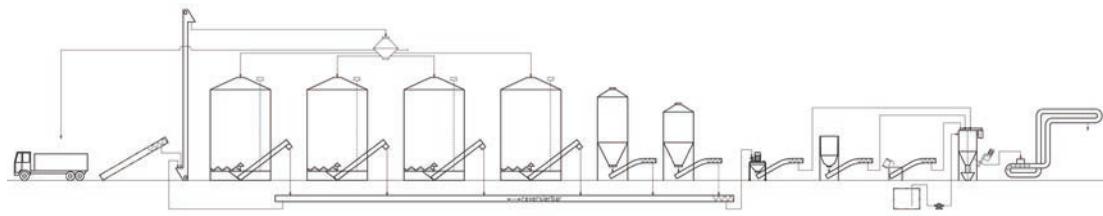
* Mixed quantity depending on the product

type	KHT 500	KHT 1000
mixing capacity kg *	500	1000
volume L	1000	2000
drive power kW	5,5	7,5

Other sizes up to 10,000 liters available

Your special benefits

- Due the large mixing shaft you get an exact and fast mixing
- Short mixing time
- Very high mixing precision
- The large outlet slide provides a fast emptying
- The massive construction and the robust drive system ensures a long lifetime and a reliable operation



High performance milling and mixing plant DUO with horizontal mixer type KHT

The combination of hammer mill KHM and mixer KHT is characterized by its variable application areas and the compact design. By using different screen sizes it is possible to achieve two different grinding degrees without complicated screen change. The hydraulic opening system of the hammer mills offers an easy and fast screen change.

The respective ground material is fed to the hammer mill or optionally to both mills at the same time. The milled product falls directly into the mixer below and is detected by the built-in weighing system while the mixing starts. After a short mixing time the discharge takes place via the motorized outlet slide at the bottom of the mixer.



The special benefits

- Two different screen sizes can be used at the same time without screen change
- High performance due to very short follow-up time
- Small space requirement due to compact design
- Operation of both mills possible at the same time
- No filter needed
- No conveyor systems between hammer mill and mixer needed
- Accurate, fast and product-friendly mixing of the components by using the horizontal mixer KHT

Possible combinations for example

hammer mill	horizontal mixer
each 11 kW	
each 15 kW	KHT 1000 - 2.000 liter
each 22 kW	



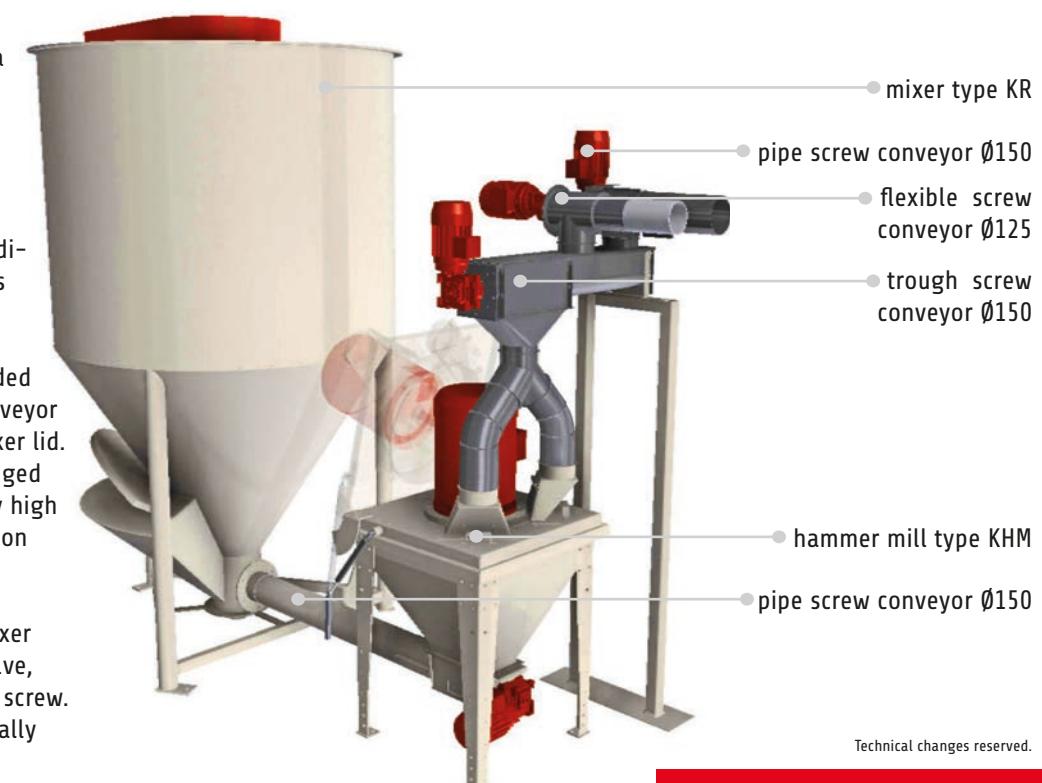
Compact milling and mixing plant with vertical mixer type KR

The compact milling and mixing plant is a combination of our hammer mill KHM and the vertical mixer type KR.

The product is fed to the hammer mill by user-specific conveyor systems while the mill starts its milling process. An intermediate pipe screw conveyor gently transports the milled material to the vertical mixer.

Additional mixing components can be added via the manual addition funnel or via conveyor systems which are connected into the mixer lid. The mixing is done by the vertically arranged mixing screw. This system achieves a very high mixing accuracy of 1: 100000 (depending on the product).

After the mixing time has elapsed, the mixer is emptied via a laterally located gate valve, which is connected directly to the mixing screw. This construction ensures a fast and virtually complete discharge.



Technical changes reserved.