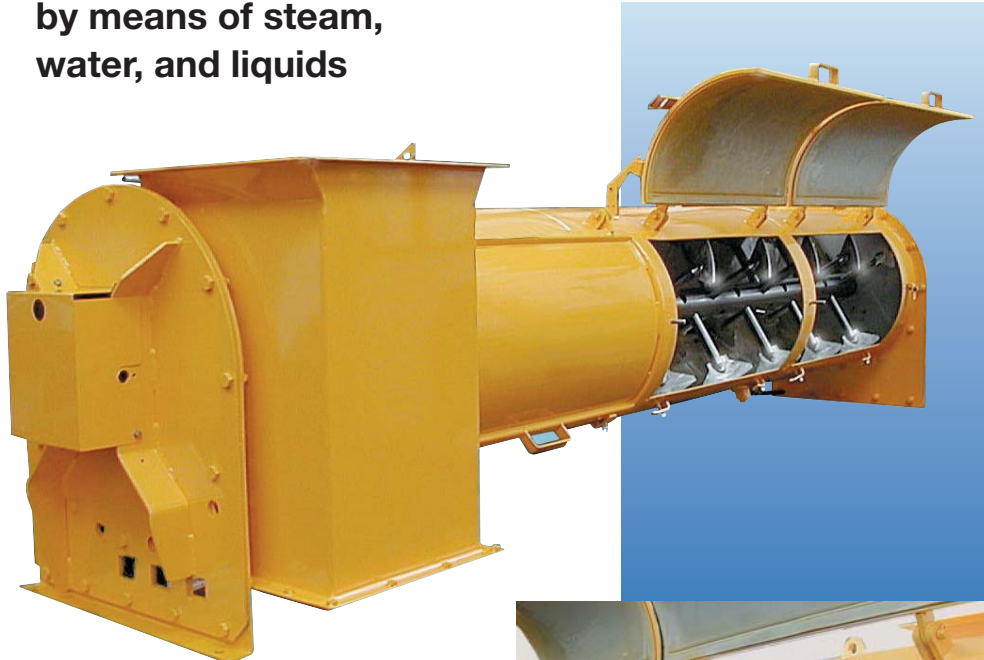


Mixing Conditioner Type MK



For Conditioning Feed Mixtures or Individual Components

by means of steam,
water, and liquids



The system for an effective and economic thermal treatment of compound feed with a firmly defined relation between retention time and throughput. Appropriate for the treatment of mash feed or as conditioner prior to the pelleting press.



Advantages of the KAHL conditioner

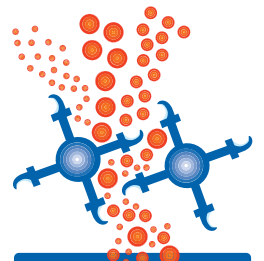
The KAHL conditioner fulfills all prerequisites for optimum conditioning and is characterized by:

- large volume with optimum d:l ratio
- case in stainless steel design
- adjustable paddles for influencing retention time, degree of loading, and mixing effect

- surface temperature sensor for measuring the product temperature; cleaning of the sensor is achieved by the mixing paddles
- large inspection doors facilitating any clean-out

Depending on the size of the conditioner the drive is effected via slip-on gear or V-belt drive.

KAHL mixers and conditioners



The programme
comprises different
types for small,
medium, and high
production capa-
cities.

Mixing Conditioner Type MK

Requirements on conditioning:

- Product and process specific conditioning is the decisive prerequisite for achieving the highest feed quality.
- Optimum conditioning is required for the effective performance of the pelleting presses or expanders.
- A high degree of loading of the conditioner and a corresponding retention time are prerequisite for the uniform and sufficient absorption of steam and added liquids.
- The uniform distribution of the added substances must be supported by a thorough mixture of the solid and dry matter by means of the mixing paddles which are adjustable.
- Optimum product treatment requires the precise monitoring of the conditioning parameters, such as temperature, moisture, and homogeneity of the mixture.

Main dimensions Standard design

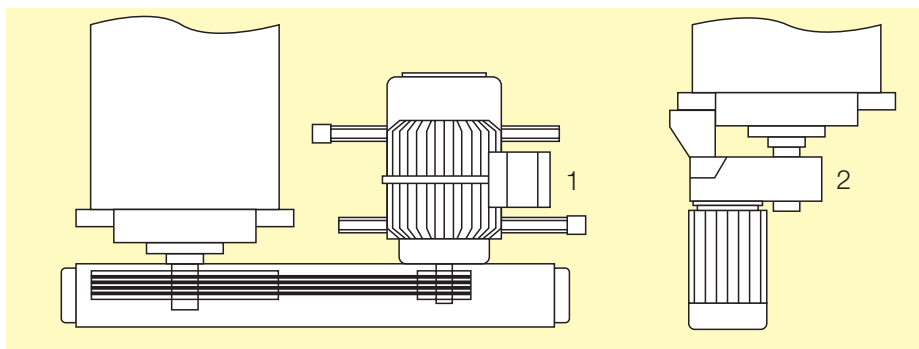
Type	ø mm	Length mm		Height mm	Contents litre ¹ abt. 60 % filling degree	Drive ² kW	Throughput t/h ³ 30 sec. retention time	Throughput t/h ³ 60 sec. retention time
		L	M					
MK 200	200	2500	1200	350	20	3-4	0.3	0.6
MK 315	315	3160	1500	530	66	4-9.2	4	2
MK 400	400	3250	2000	670	143	7.5-11	9	4.5
MK 550	550	3400	2150	840	250	11-18.5	15	7.5
MK 630	630	4050	3000	910	470	15-22	28	14
MK 800	770	3400	2600	1050	600	22-30	36	18

(Special dimensions possible upon request)

¹ Contents $\hat{=}$ useful contents, ² Drive power depends on the level of liquid addition,

³ Throughput calculated with a bulk density of 600 kg/m³

Available drives



1 V-belt drive

2 Flat gear drive



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