



SMALL FEED MILL

MVKS-T 500, 1000, 1500

Small feed mill MVKS-T is a plant consisting of a self-suction hammer mill and a vertical weighing mixer. The self-suction hammer mill suctions cereals to be ground through a mixing device into a milling chamber, where the raw material is crushed by hammers, and calibrated through a screen to required granules. The screens can be easily replaced in off condition.

The screen mesh size is selected depending on the kind of animals the feed is to be produced for. The hammer mill further transports the crushed raw material through an outlet pipe to the vertical mixer. The mixer works on the principle of mixing by means of central worm shaft, which is partly placed in the external tube. Mixing time is 15 min.

The mixer is equipped with an aspiration bag with bottom cleaning to remove excess air from the mill. In the lower part of the mixer there is a hopper for manually poured components. For discharge of finished feed mixture, in the lower part of the mixer there is an outlet with manual sliding gate with position locking.

The complete mixer is installed on a frame with strain gauges, which ensure gradual weighing of individual components, which are crushed and manually dosed through the lower hopper of the mixer.

The finished feed mixtures are discharged from the mixer through the manual sliding gate and an inclined screw conveyor. The screw conveyor can discharge the feed mix into a transport container or in big-bags.





Power series of small feed mills

Small feed mills MVKS-T are manufactured in three power variants, with the hammer mill with electric motor of power input 11, 15 or 18.5 kW. For all the hammer mills, the mixer is the same capacity of 1000 kg.

	MVKS 500	MVKS 1000	MVKS 1500
mill output (max.)	500 kg/hour	1000 kg/hour	1500 kg/hour
hammer mill designation	TM 11	TM 15	TM 18,5
hammer mill motor power input	11 kW	15 kW	18.5 kW
hammer mill output	1000 kg/hour	1500 kg/hour	2000 kg/hour
suction length (max.)	30 m	30 m	30 m
mixer designation	STM 1,5	STM 1,5	STM 1,5
mixer motor power input	2.2 kW	2.2 kW	2.2 kW
mixer capacity	1000 kg	1000 kg	1000 kg
mixing time	15 min	15 min	15 min
conveyor designation	TŠ 150	TŠ 150	TŠ 150
mixer motor power input	2.2 kW	2.2 kW	2.2 kW
conveyor output	7000 kg/hour	7000 kg/hour	7000 kg/hour
installed power input	14.4 kW	19.4 kW	22.2 kW

Method of application

Small feed mill MVKS-T is suitable for small to medium feed mixture manufacturers, in plants where base materials (cereals) for feed production are stored in bulk on floor. Feed additions (premixes) are in bags. The advantages of this technology are easy attendance, reliable operation, high productivity and long life of components. The operation of this plant required permanent presence of the operator in feed mixture production.