



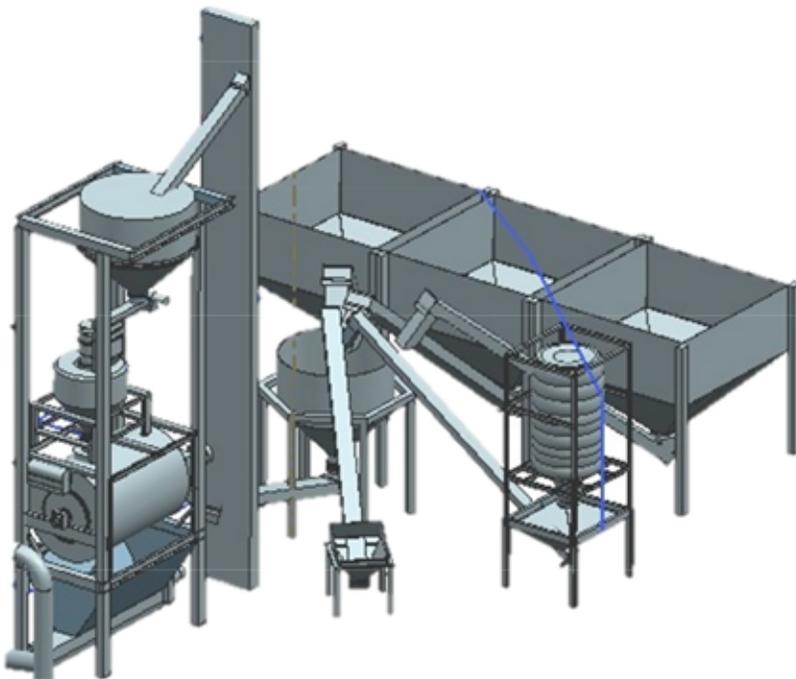
FEED PRODUCTION LINE

PP 1500

The feed production line is designed as a system of three square bunkers for cereals, which are regularly supplied by front-end loader from the floor storage. The capacity is $3 \times 10\text{m}^3$. The raw materials are weighed from these bunkers into the strain-gauge balance with capacity of 500 kg of feed mixture. The weighed charge is then transported into the milling line, which consists of the vertical hammer mill VM 15 with automatic dosing of ground stock in the milling chamber. Over the hammer mill there is a magnetic separator, by means of which ferromagnetic impurities are removed from the material.

Premixes and feed additions are stored in textile big-bags, which are suspended in special frames with the screw conveyor, which discharges into the strain-gauge balance. These materials are delivered outside the hammer mill directly into the mixer.

The mixing itself takes place so that the vertical hammer mill discharges the material into the horizontal mixer, and the raw materials, which need not be crushed, are filled into the mixer outside the milling line. Cylindrical turning-over mixer PM 130 – 500 is designed for mixing with working accuracy 1 : 100 000 and mixing time 8 minutes. The mixed mixture is discharged from the mixer by its turning over into the bunker under the mixer. From the bunker the mixed mixture is transported by the conveyor into the storage bin before granulation or in bulk state into the feed transport container. The mixer has a manual loading of components, and enables spray of vegetable oil into the mixed feed mixture.





Technical data

Capacity of cereal storage bunkers		1 x 10 m ³
Capacity of additive bins		1 x 1t BIG BAG
Strain-gauge balance capacity		500 kg
Mixer capacity	...	500 kg
Mixer mixing time	...	8 min
Mixing accuracy	...	1:100 000
Bulk mixture mixing output	...	1.5 t/hour
Granulated mixture output	...	0.8 t/hour

