

AUTOMATIC FEEDING SYSTEM CEREX-AF-5

DESCRIPTION

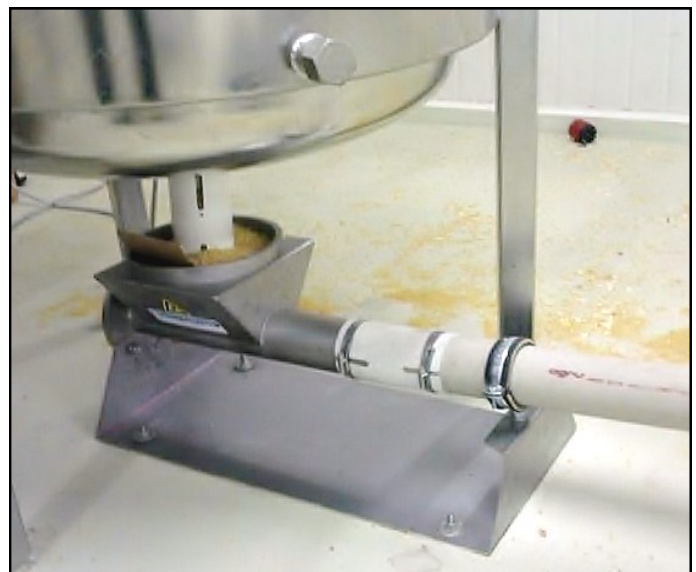
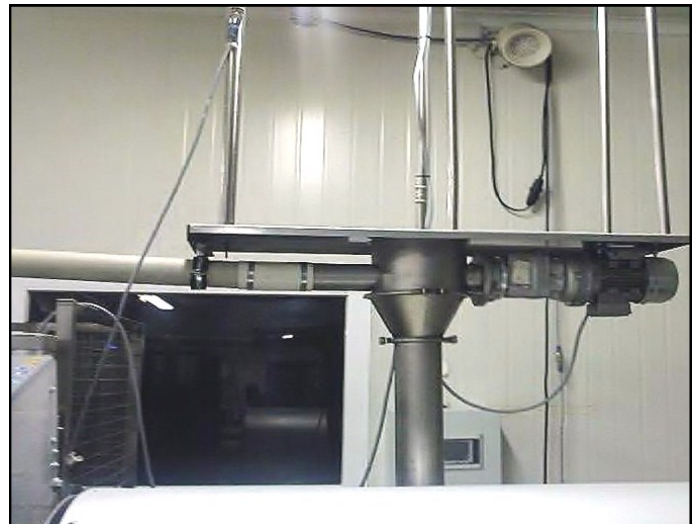
Automatic feeding system for ten machines.

- The system is made of a plastic tube with a stainless steel spiral in it. (picture 1)
- The stainless steel spiral is driven by a motor-gearbox at the end. (picture 2)
- At the beginning of the spiral, there is an inlet (fixed to the floor) with a small silo on top of it where the grains are entering. (picture 3)
- This small silo can be situated
 - ⇒ Underneath a bigger storage silo or
 - ⇒ underneath plastic trolleys with an opening at the bottom which are on wheels and are "parked" over this inlet, where the outlet of the trolley is then opened.
- The tube and spiral pass over the line of machines and above every individual silo of a machine, there is a pipe going down in the silo which can be closed or opened.
- The system is equipped with an electric controlbox which has a main on-off switch and then a switch with three positions:

0 - hand - automatic;

- ⇒ if placed on 0: the spiral is not turning
- ⇒ if placed on hand: the spiral is turning all the time
- ⇒ if placed on automatic: the turning of the spiral is controlled by means of a level switch in the silo of the last (working) machine in the line (closest to the driving motor-gearbox). When the level in the silo becomes too low, the spiral starts turning and is taking grains which fall in the silo of the first machine until the silo and pipe are full. The spiral then takes the grains further to fill the second silo etc... until the level in the last silo reaches the high position and then the spiral stops turning.

The system takes about three days to install with two technicians and just needs electricity
(3x400+n+ ground 16A)
to supply the control-box.



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