



MG MasterToaster

For heating and toasting of seeds and beans

- Electric farm toaster for heating and toasting of seeds and beans

In the electric toaster from Mosegård seeds and beans are transported by a slow-moving auger through a heating pipe. The oil in the heating pipe is heated with electricity.

Strong and simple construction

The approx. **10 metre** long toaster is different from all other types of toasters on the market as it is constructed by a 2 cylinder-shaped unit where the first 6.1 metre form the heating pipe, which can contain approx. 650 liters of oil.

Inside the heating pipe lies the transport tube and an auger. The heating pipe and tube are insulated and sealed in a galvanized plate of steel.

The oil is heated by 4 powerful heating elements, which are installed at the end of the heating pipe. Teflon distance pieces on the transport auger reduce the risk of swarf in the feed. Furthermore, the unit is provided with a full-automatic adjustable temperature control.



Seeds/beans are filled into the funnel at the end of the toaster. It takes approx. 1 hours for the seeds/beans to come from the entry point to the end of the toaster in approx. 2-3 metres height.

When the toaster is set up to supply the funnel with "raw" seeds / beans from a silo or an add-on, the treated material will get out from the other end in a constant process. The relatively long time in the tube ensures that all seeds/beans have been heated thoroughly, regardless of size.

This ensures a very uniform treatment. Normally, this kind of uniform quality can not be achieved with conventional toasters.



New principle - quite simple

Unlike conventional toasters, which typically use flame-drying, this electric toaster does in many cases not need any kind of supervision.

With an electric toaster and the long "cooking time" of approx. 1-1 ½ hours at up to 160-180° C, all seeds are always thoroughly heated without being damaged.



Full-automatic with 24 hours operation

With the simple construction of the el-toaster, there is no need for supervision and the electric toaster functions 24 hours a day all year. The toasting is controlled by thermostats and speed of the transport auger.

The treated seeds must of course be transported away from the toaster but otherwise the process is automatic.

Higher feed value by toasting

The toasting of seeds/beans increases the quality of protein and preserves/improves the nutritional value. All fat maintains in the seed thus increasing the availability of starch.

The capacity for protein protection is approx. 2,500-3,500 kg per day, enough for herds with 1,000 to 1,500 dairy cows.

The capacity for feed hygiene is considerable higher.



Contact Mosegården
Tlf.: +45 9786 1966
Fax: +45 9786 1446
post@mosegarden.dk

Lars Bjerre
Sale- and service technician
+45 2014 1241
lb@mosegarden.dk