

Harvest Maxi-Stirrer

For Round Silos

The Harvest Maxi-Stirrer for round silos consist of a box steel beam centrally pivoted from the silo roof and running on a track around the inside of the silo just below eaves height. Two down augers move in and out along the main beam as the whole assembly rotates anti-clockwise around the silo. A single drive unit powers both down augers and a fractional horse-power gearbox reduction drive powers the main beam. The Maxi-Stirrer is fully guarded to comply with current regulations and comes complete with Rotary Switch and all electrics.

BATCH DRYING USING THE HARVEST INSTALLATIONS HUMIDITY CONTROLLERS FOR HUMIDITY OR TEMPERATURE CONTROL.

Since 1990 we have had considerable practical experience of drying with the accuracy of the award winning 'Harvest CHC' units with both humidity and temperature control in conjunction with stirrers.

More installations are now using relatively high air-temperature to enable batches of several hundred tonnes to be dried within 24 hours removing up to 5% moisture in one day. This high performance obviously depends on having the correct air-flows and temperature and we are able to draw on our vast experience to achieve these results. We are prepared to advise on a system to meet your requirements, that will give the drying rates that are necessary to meet todays requirements without losing the benefits of traditional bulk storage.

Our experience with humidity controllers in many hundreds of bulk stores means that we are capable of designing or modifying your bulk storage system to suit the drying performance you require.



**OUR SERVICE INCLUDES
DELIVERY
INSTALLATION
COMMISSIONING
MAINTENANCE**



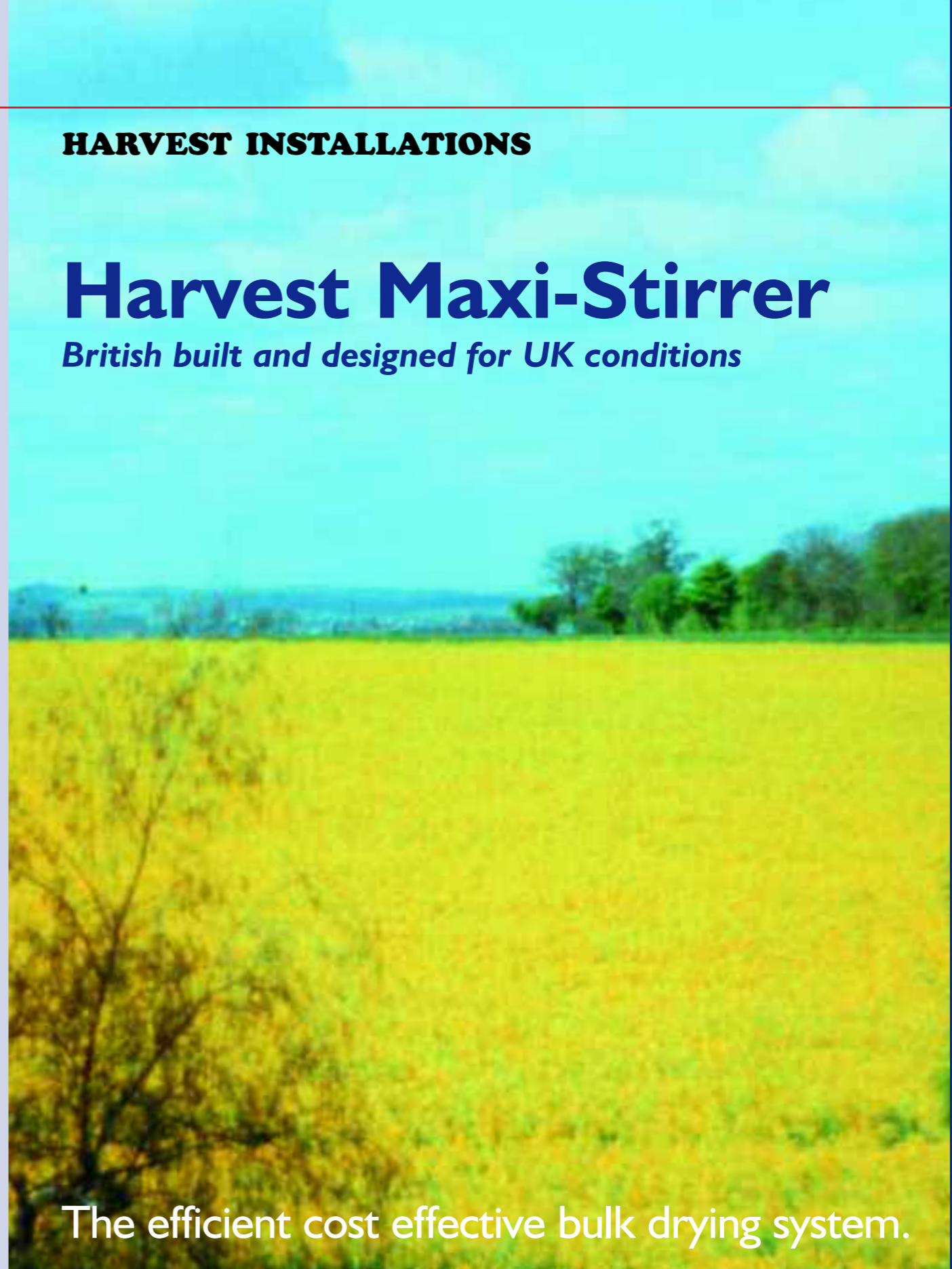
HARVEST INSTALLATIONS

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HARVEST INSTALLATIONS

Harvest Maxi-Stirrer

British built and designed for UK conditions



The efficient cost effective bulk drying system.



Maxi-Stirrer



Harvest Maxi-Stirrer System

Most existing floor stores can be fitted with the 'Harvest Maxi-Stirrer'. We will survey your building and advise on the installation of tracks and air-tunnels. We can also prepare a complete package from installation to commissioning, giving you the best possible system to suit your requirements.

By adding a Harvest Maxi-Stirrer to your existing bulk storage you can have guaranteed drying performance, turning your bulk store into an efficient, accurate drying system.

By using the 'Harvest Temperature Drying System', very high rates of drying can be achieved with the correct airflow and temperature.

We can design a new store around this system giving fast, efficient drying whilst still retaining all the benefits of the conventional Bulk Floor Store.

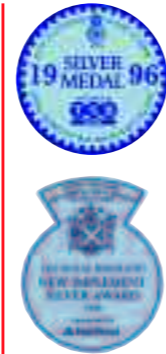
Harvest's policy of design, installation, commissioning and maintenance ensures accurate trouble free performance with back-up service to match.



New bulk stores are being designed to incorporate the Harvest Temperature Drying System combining the required air-flow and heat source to give the fast drying rates possible with the Maxi-Stirrer. This cost effective method of drying can keep capital expenditure to a reasonable level and still give drying rates usually associated with conventional high temperature dryers.



NEW 2000 TONNE STORE WITH 3.65 METRE STORAGE AND TEMPERATURE DRYING SYSTEM



Winner of the R.A.S.E prestigious Silver Medal Award after appraisal by farmers, the machine was found to have important new features and outstanding advantages to users. Also awarded the Royal Highland New Implement Silver Award for 1996.

SCOTTISH TRAY DRYING SYSTEM With the addition of the 'Harvest Maxi-Stirrer' the Scottish tray drying units have been transformed to give higher rates of drying on much larger batches, whilst still incurring the same energy costs.



MAXIMUM GRAIN MOVEMENT WITH THE MINIMUM NUMBER OF 'PASSES'



RIBBON TYPE AUGER



POSITIVE RACK & PINION DRIVE TO AUGER CARRIAGES



PRE-WIRED CONTROL PANEL

The movement of the down augers across the main beam ensures the total floor area is 'stirred' with the minimum number of passes. An adjustable 'delay' on the control panel allows variable tracking patterns to be set. The four wheel drive on the box section main beam ensures even and accurate travel along the track.

Maximum under beam clearance allows the full storage depth in existing buildings to be utilised. The constant pitch Ribbon flight augers suitable for all combinable crops gives the maximum movement with the lowest possible start up torque. Auger lengths are available for crop depths up to 5 metres.

The modular control panel with starters and selector switches is pre-wired as are the drive motors. All units are tested and run prior to delivery.



Two, four and six down auger models available to suit all types of store

Maximum under beam clearance allowing for full storage depth to be utilised

- Complete mixing of crop ensures even drying
- Eliminates 'drying front'
- Suitable for use with all combinable crops
- Reduces energy requirements and drying time
- Improves air flow through store
- Prevents over drying of bottom layer
- Available for existing stores or new installations

