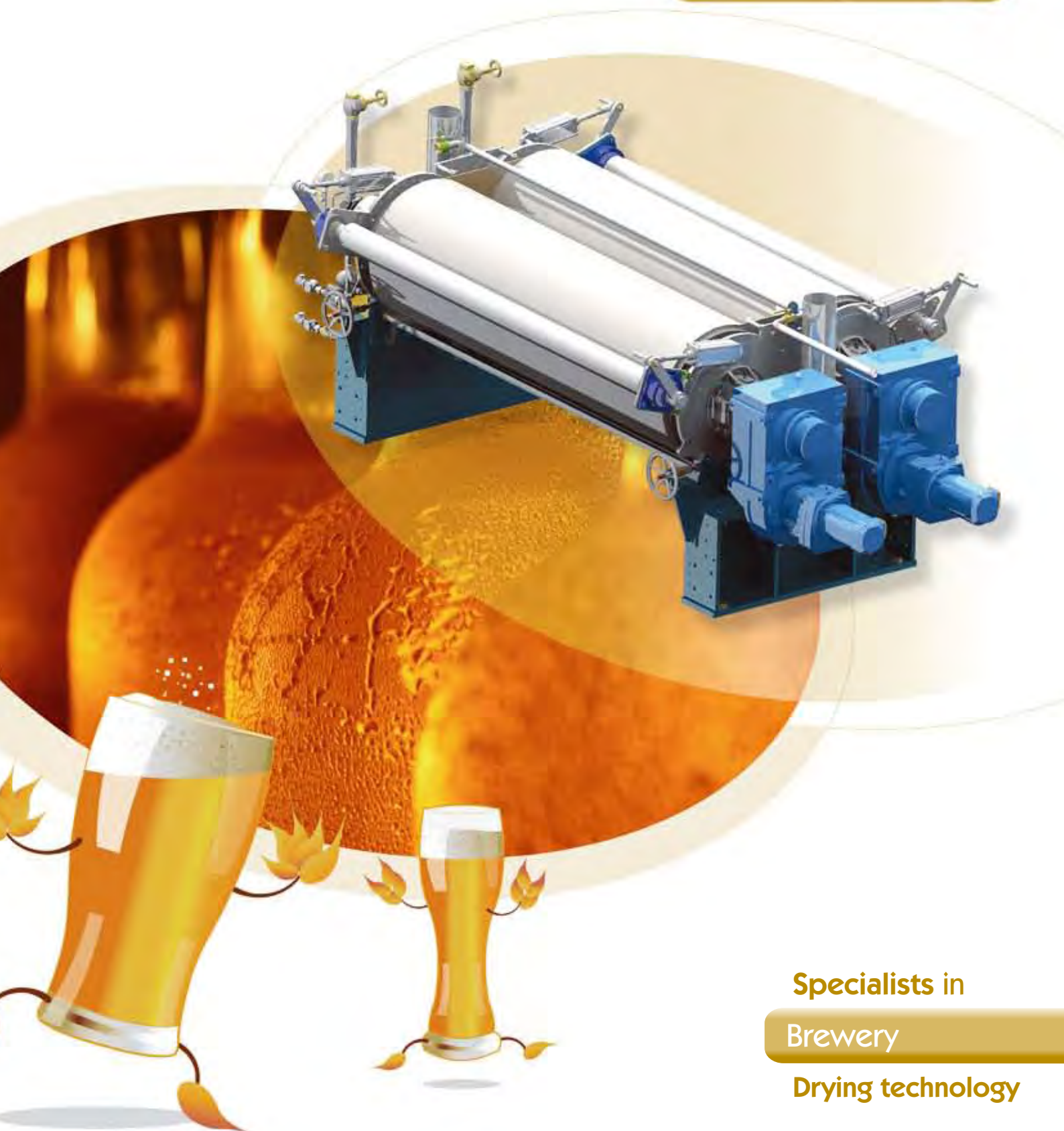




Yeast Drying &
Handling Equipment

www.simon-dryers.co.uk



Specialists in

Brewery

Drying technology

drink in the action...



Simon Dryers Limited, based in Nottingham, are the leading UK manufacturers of Drum Dryers with over 100 years' experience.

The Simon Double Drum Dryer is ideally suited for the application of drying spent brewer's yeast.

Drum Dryers are simple, robustly designed and engineered machines which do not require specially trained operators, neither do they require any special maintenance.

The yeast is fed directly into the nip between the two drying drums. This ensures all the yeast is dried, unlike a single drum dryer which leaves an amount of unprocessed yeast in the tray.

Installation of a Drum Dryer requires low investment due to the compact design of the dryer in relation to other drying methods.

WORKING PRINCIPLE

The yeast is initially autolysed in a heated tank and then pumped onto the Drum Dryer, where a thin layer is applied to the surface of both drums.

The rotating drums are heated internally by steam, water quickly evaporates, and the dried product is removed with a knife in the form of a film.

After removal from the drums, the dried yeast is collected in screw conveyors which break up the film.



CONSTRUCTION

The Drum Dryer is designed and built to give many years of trouble-free service.

The dryer drums are constructed in cast iron and designed to accommodate high steam pressures and temperatures. They are precision machined to provide even heat transfer and hence reproducible performance over long periods.



The Drums rotate in heavy duty roller bearings, specially designed to withstand high temperatures and thermal expansion.

The geared motor drive units are mounted directly onto the drum shafts.

The drives are synchronised and drum speed is adjustable through a single frequency inverter.

Vapour is removed by both the upper and lower vapour hoods.

SCOPE OF SUPPLY

Whilst the drum dryer is the heart of the system, we are able to supply a complete drying plant, from feed tank to packaging.





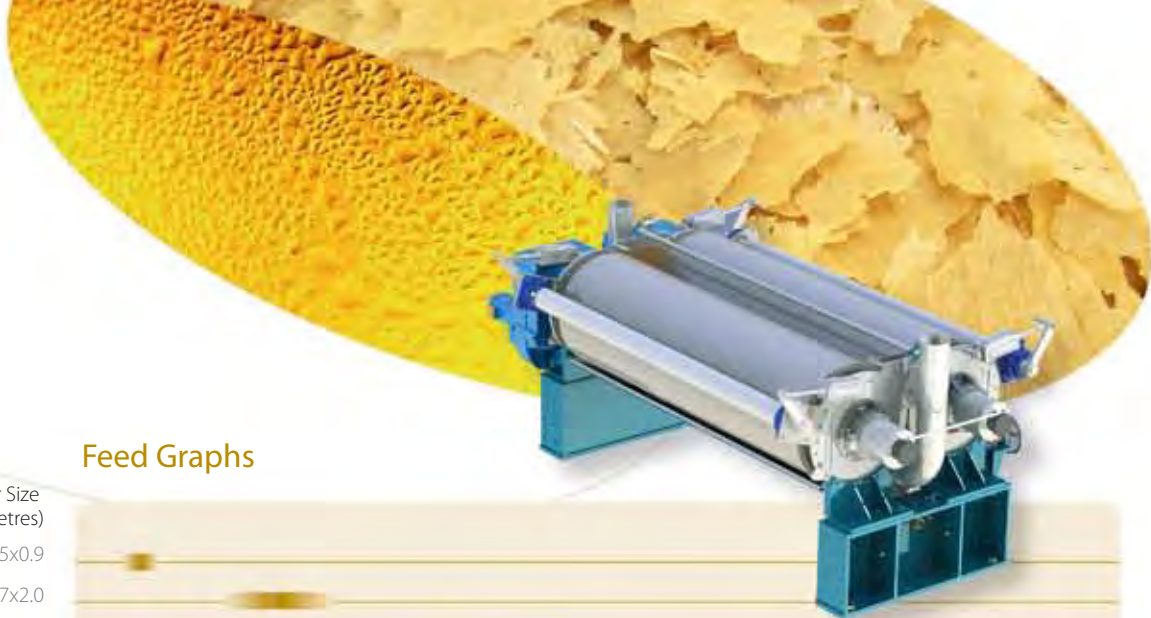
Specialists in
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- Key**
- 1 Dryer
 - 2 Feed / Autolysis Tank
 - 3 Vapour Extraction
 - 4 Controls
 - 5 Product Conveying
 - 6 Weighing and Bagging
 - 7 After Sales Service

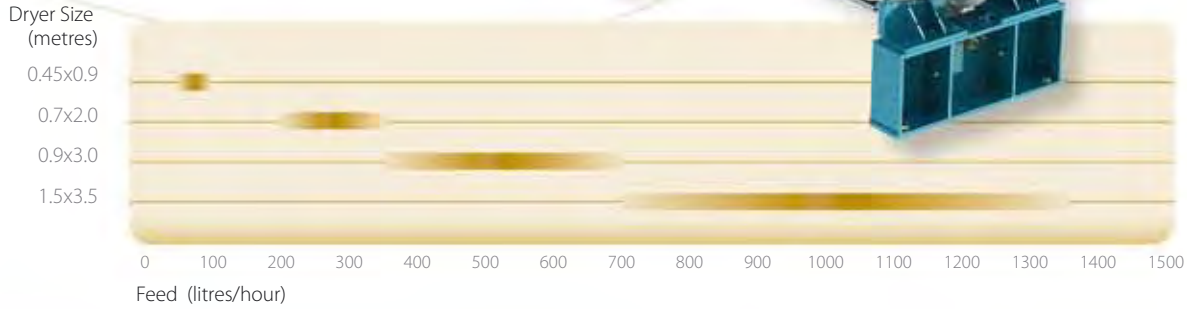
- Benefits**
- Continuous production
 - Energy efficient
 - Simple maintenance
 - Proven reliability
 - Added value product from waste
 - Environmentally friendly
 - Laboratory testing facilities

R. Simon Drum Dryers are used all over the world.





Feed Graphs



With over 100 years' experience behind us, our ability to design and build the dryer most suited to your requirements is second to none. We supply major brewery companies worldwide.



R Simon Dryers Limited

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