

COLMANS UPDATE MACHINERY TO IMPROVE EFFICIENCY

Colmans of Norwich, winners of the 1998 Factory of the Year Award, have improved process efficiency on the production line at its manufacturing plant in Norwich following the installation of two compact 900 sieving machines supplied by Russell Finex Ltd.

DUST CONTAINMENT

Russell's Compact machines have replaced 40-year-old sprung suspension open top sieves, which used bristle brushes to push the flour through the sieve. Because the Compact machines are completely enclosed they protect Colman's operators from dust in the atmosphere, which was a previous hazard.

INCREASED CAPACITY

Only two Compact machines are now needed to achieve the two tones per hour production rate of finished mustard flour, compared to four of the old sieves, which they have replaced. The Compact sieves are designed for ease of installation, operation and are virtually maintenance free.

MESH BLINDING ELIMINATED

To enhance the sieves performance they are fitted with the Russell Vibrasonic deblinding system. The non-contact method of continuous screen cleaning provides consistently high throughputs, allowing the flour to pass straight through the vibrating mesh an onto the next process stage.

REDUCED COSTS

Constant supervision of the machines is no longer required which means that the operator's involvement is dramatically reduced giving significant savings in labour and downtime costs.

EASY MAINTENANCE

The mesh is only cleaned at the end of a production run which is made easy due to the use of quick release hand operated clamps which enable fast screen changes without the need for tools.



- **Mesh Blinding Eliminated**
- **Capacity Increased**
- **Production Costs Reduced**

The system, with its combination of ultra-sonic and conventional vibration, is capable of providing the high throughputs and accuracy of screening at very fine mesh sizes that Colman's require in order to maximise productivity and ensure the highest quality control standards.

Another useful benefit is the noise reduction, comments Colman's Mill Manager Mick McGary "they are so quiet you do not know they are running".

Russell Finex is the only company who have the in-house expertise in both ultra-sonic deblinding systems and vibratory sieves, an important benefit for Colman's when choosing their equipment.