



OVERVIEW

Biscuit cutting process utilises 100% torque at 0.0Hz.

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COMPANY

BISCUIT MANUFACTURING

Master-slave setup delivers precise ratio performance

Barcelona, Spain

The key product in this success story is the Optidrive Plus 3^{GV}, an open loop drive that produces 100% torque at 0.0Hz.

The most recent application to benefit from the unique features of the Optidrive Plus 3^{GV} is biscuit manufacturing. In this process a biscuit cutting die has to run at very precise speeds and ratios in relation to systems feeding the dough to the die and to the conveyors that remove the cut biscuit.

Master-Slave Arrangement

In this instance, three Optidrive Plus 3^{GV} units were used to create a master-slave arrangement with extremely precise ratios between each drive. Users can then quickly and easily adjust ratios as required using a potentiometer.

The major benefit provided by Optidrive Plus 3^{GV} in this application is the ability to operate this master-slave arrangement reliably and accurately without the need for a feedback device. The result is a highly cost effective and powerful solution.



email: sales@invertek.co.uk web: www.invertek.co.uk

Invertek Drives Limited

Offa's Dyke Business Park, Welshpool, Powys. UK. SY21 8JF
Tel:+44 (0)1938 55 68 68 Fax:+44 (0)1938 55 68 69