



A sealing revolution

Contact sealing of foils onto containers is about to be updated with high speed induction contact sealing, as Richard Bull, Managing Director of Enercon Industries Ltd, explains

For many years food products have been foil sealed in many different ways. The high speed rotary table industry generally use hot plate contact sealing heads, but this process has its speed limitations, due to the time element of the contact heat sealer.

Manufacturers are aware it is critical that they operate modern production facilities and are circumspect of unit cost, efficiency and a continual rise in general overheads. So why, when we know that the filler can run a lot faster, has the contact sealer speed not been improved?

Manufacturers of Induction heating machines recently provided a variety of sealing systems to improve efficiency and speed with varying degrees of success, but none have been able to take on the high speed lines due to technical limitations.

Current rotary table units run around 450 seals per minute. However, the industry is keen on working towards 600 units per minute and a couple are nearly there! This means that the contact sealers are getting into trouble as the dwell time for the seal is now too long and is restricting the fillers' top speed.

Enercon are delighted to announce that their research



and development programme has now achieved heat cycles of over forty units per minute from one power source and just one induction head – continuously.

If packing food is your business, your company cannot afford to ignore this gigantic, greener leap forward. More importantly, it will improve energy efficiency and reduce energy supply costs.



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