



# SCOTT APPLIANCE

Newsletter Update

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## **Scott Significantly Exceeds Customers Clinch Tooling Life**

When a customer requires high precision tooling - Scott delivers. Requiring a life of 1 million parts for their clinch tooling, our customer needed Scott's attention to detail and high precision capabilities. Divided over three stations the tooling places 102 clinches to assemble a washer cabinet on a Scott designed and manufactured, fully automatic line. The high level of joint concentricity required to achieve the required tooling longevity was significantly tighter than Scott had ever done before. To verify that tolerances were met, during commissioning sample clinches were cross-sectioned and inspected under a microscope to validate concentricity.

After 500,000 parts the tools were removed and sent to the manufacturer for inspection. The wear level was compared with that of new tooling and found to be comparable. After another 100,000 parts the process was repeated and again wear levels were comparable with new tooling. Now after 900,000 parts wear levels are still minimal and comparable with new tooling. The tools will continue to be checked every 100,000 parts but tool longevity gains look likely to be significant.

At \$160K USD per toolset this brings substantial savings to our customer.



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## **Scott China**

Scott truly is a global team. Last year the local skills, know-how, and commitment of Scott's Appliance facility in Qingdao, China resulted in the safe delivery of a Washer Cabinet system ahead of schedule.

The extensive equipment required seven delivery trucks over two days! The 34m fully automated system integrates a press line for wrap manufacture with an assembly system for bracket attachment and will produce a washer cabinet every 12 seconds. Delivery took just six months and the equipment has made over 1 million parts over the past nine months.

If you're active in the Asia/Pacific region or just want great results and competitive pricing contact Scott China office today!

<https://www.scottautomation.com/contact/>



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### **Alvey Join the SCOTT Group**

SCOTT recently announced the acquisition of the [Alvey Group](#).

Alvey is an exciting acquisition for SCOTT with great potential for both companies. Strategically this will allow SCOTT to build an end-to-end automation offering for the overall production process from raw materials receipt to final distribution.

Alvey Group specialise in tailor-made industrial automation projects. Alvey systems help increase efficiency in plants, where the handling of secondary packaging, semi-finished or finished products is involved.

With a wide portfolio of industrial services and systems including conventional and robot palletisers, depalletisers, pallet conveyors, case conveyors, order preparation systems with stacker cranes and other material handling equipment, complemented by their warehouse management software package [Maestro+](#).

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### **SCOTT Wins PIDA Award**

Scott, in conjunction with Silverfern Farms and Meat & Livestock Australia, have won the Machinery Equipment Design Innovation of the Year, awarded by the Australian Packaging & Processing Machinery Association at the Packaging



## & Processing Innovation and Design Awards.

Scott has developed a fully integrated lamb processing system for disassembling lamb carcasses into the standard bone-in retail cuts. Automation in this field has only been made possible with significant advances in innovation and technology in the areas of sensing, materials handling and processing methods. The LEAP™ technology systems are the only fully automated lamb automation systems available worldwide.



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