

LEAP FOREQUARTER SYSTEM

Improves yield and cut quality

Automate the process of cutting lamb forequarters for improved yield and excellent cut quality, while minimising waste.



 **SCOTT**

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Automate the process of cutting lamb forequarters

Produce perfect square cut shoulders with the LEAP Forequarter System. Deliver an uplift in yield and excellent cut quality while minimising waste and eliminating dangerous bandsaw tasks.

- ☐ 3D scanning and use of robots increases accuracy, improving yield by approx. 5 grams per carcase
- ☐ Increased throughput with consistent steady flow of product.
- ☐ Reduce risks to staff with robots performing dangerous cuts.
- ☐ Processed without human handling, greatly reducing contamination risk.

3D imaging system creates optimal cuts

The Forequarter System scans each forequarter with a 3D vision camera, creating a virtual model with optimal cut locations automatically calculated.

The robotic arm graps the forequarter and uses the bandsaw to make the cuts. The products are then transferred to a conveyer belt for further processing and packaging.

Configured for you

The Forequarter System can be customised to meet a wide range of operational requirements, carcass sizes, cut specifications, throughputs, and room layouts.



*Developed in collaboration
with Meat & Livestock Australia*

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