

LEAP DEXA & PRIMAL SYSTEM

Improves yield and cut quality

Utilising X-ray technology to optimise cut accuracy and selection, regardless of product variation; a true LEAP for lamb processing.



 **SCOTT**

**LAMB
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Automate the process of cutting lamb primals

The X-Ray Primal System delivers highly accurate, clean primal cuts at a machine controlled rate resulting in substantial yield and throughput uplift.

- Increase excising room throughput with consistent steady flow of product selectable up to 10 carcasses / minute.
- Eliminate WHS risks by removing staff from dangerous cutting.
- Machine accuracy cutting returns yield to high value primals using anatomical features not visible to the human eye.
- Adapts to every carcass shape/size as well as flexible cut specifications.

3D imaging system creates optimal cuts everytime.

DEXA X-Ray creates a 3D map of the skeletal features which is then used to guide the primal cutter with great accuracy. DEXA can measure carcass composition for every carcass which is currently used in Australia for carcass sorting.

Machine servo driven accuracy positions the correct blade height and angle for each cut. Dual rotating knife blades ensure a clean accurate cut. DEXA data is provided to all downstream LEAP boning modules.

The powered dual circular knife system minimizes contamination and yield loss from bandsaws by making an inverted cut near the aitch bone - recovering an average of 40 grams more loin per cut.



*Developed in collaboration
with Meat & Livestock Australia*

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