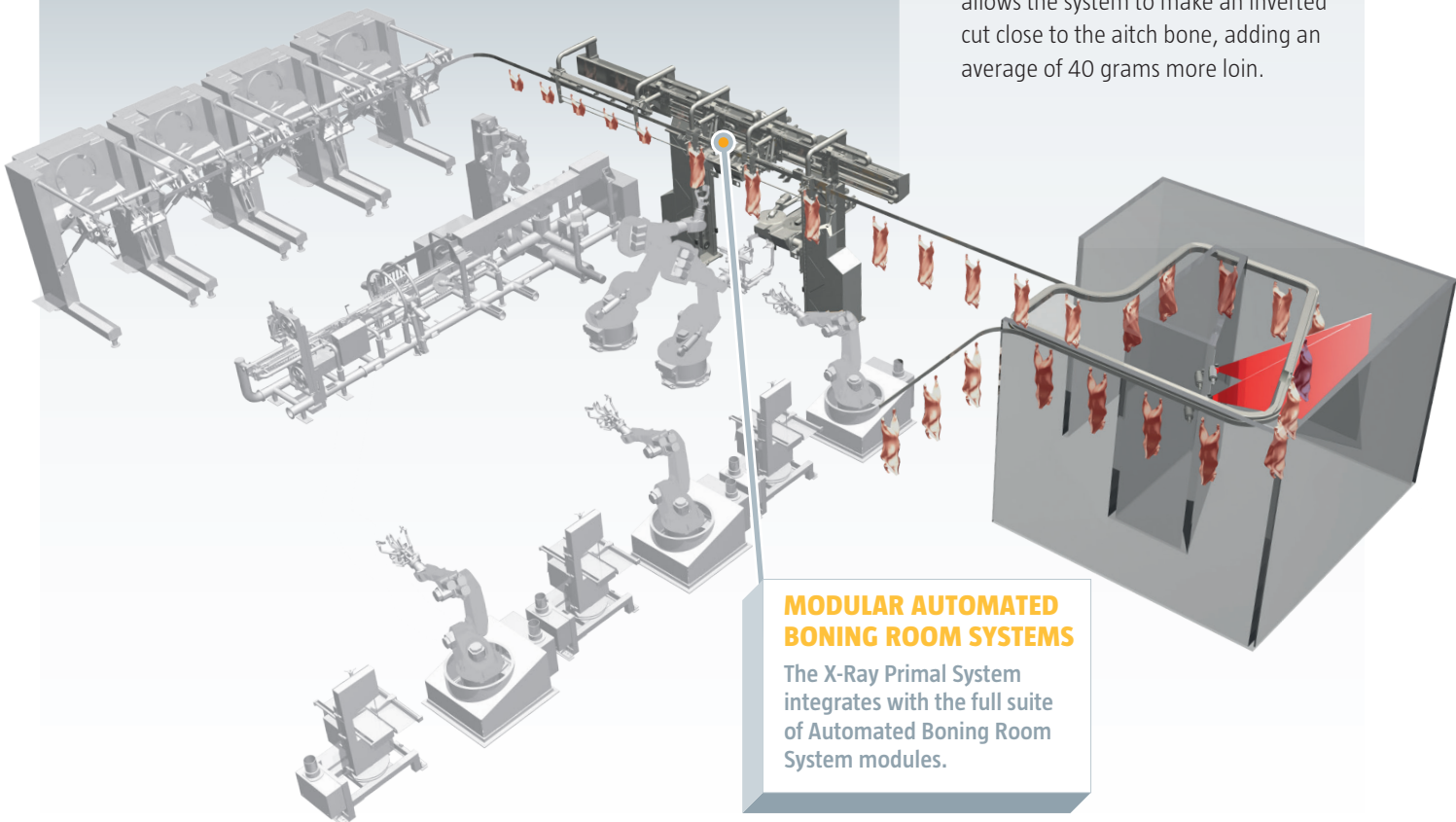




The X-Ray Primal System automates the cutting of lamb primals. The system delivers highly accurate, clean primal cuts superior to anything produced by a human operator.

SYSTEM BENEFITS:

- **YIELD IMPROVEMENTS**
Valuable yield improvements are achieved on each carcass processed.
- **INCREASED THROUGHPUT**
For installed customer sites, throughput and operational efficiencies in the boning room increase due to a consistent flow of product.
- **LABOUR EFFICIENCY AND SAFETY**
The system has the ability to replace bandsaw operators, reducing risks to staff and the numbers of operators required in the process.
- **REDUCED SAWDUST**
The powered circular knife system reduces contamination and yield loss caused by bandsaws.
- **CUT ACCURACY**
Cut accuracy improvement for the primal cut gives more weight in loin and rack product for every carcass processed.
- **SCALLOP CUTTING**
The unique dual circular knife design allows the system to make an inverted cut close to the aitch bone, adding an average of 40 grams more loin.

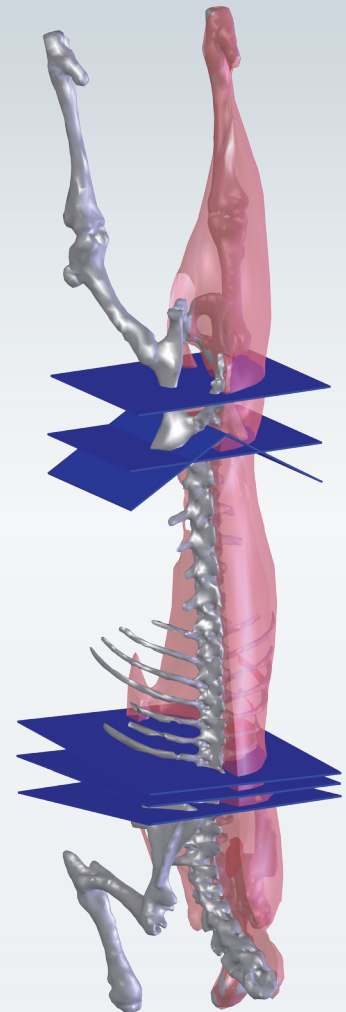


MODULAR AUTOMATED BONING ROOM SYSTEMS

The X-Ray Primal System integrates with the full suite of Automated Boning Room System modules.



PRECISE CUTS



BETTER PRODUCTION MANAGEMENT

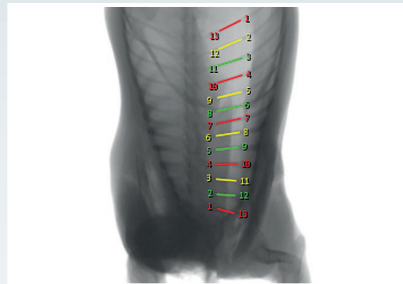
The X-Ray Primal System creates a 3D map of the bones within the carcass. This is used to guide the primal cutter with an accuracy far greater than human capabilities. The x-ray data is also provided to all downstream boning room modules.

The X-Ray System provides the correct height and angle measurements for each cut. This provides a precise cut location at the correct angle. The dual rotating knife blades ensure a cleaner accurate cut.

BENEFITS REPORT

Independent meat processing industry report available on request.

Example:
@750,000 carcasses/year,
payback 16 months



This machine was developed by Robotic Technologies Ltd with support from Meat & Livestock Australia

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