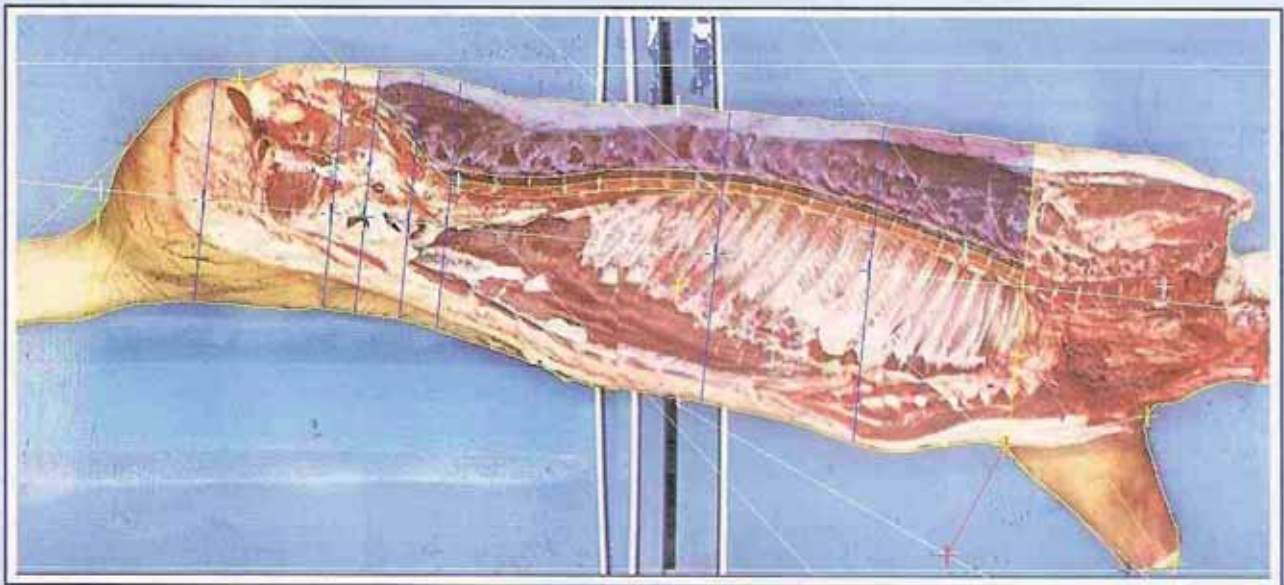


# VCCS 2000



**vision based  
automatic  
cutting line**



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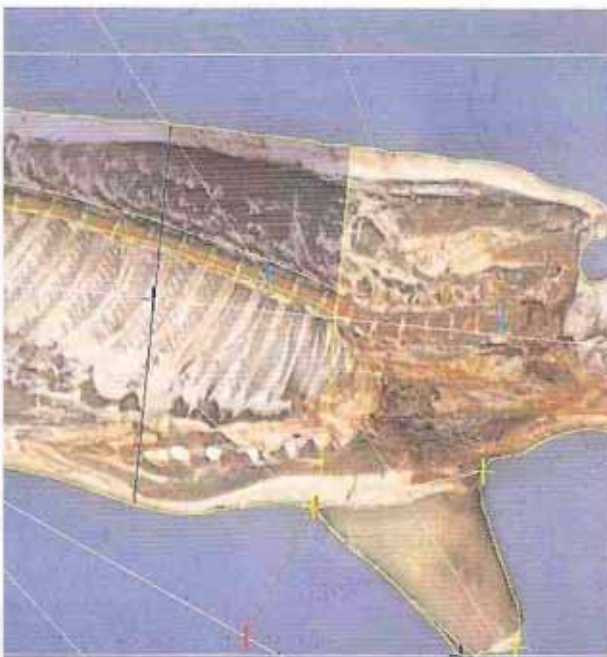
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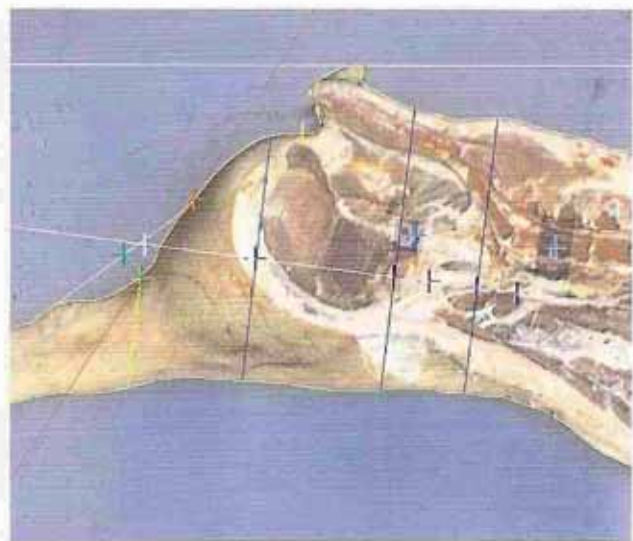
## VCCS 2000 Sensor system for horizontal automatic primal cutting of pig halves (trisection)

For the full-automatic primal cutting system of the Danish company KJ Maskinfabriken a sensor system was developed based on image processing for the control of the cutting positions.

- primal cutting (trisection) of lying pig halves in ham, middle and shoulder on a conveyer belt system
- the halves can be layed down orthogonal to the conveyer direction as well as in a defined angle position on the feeding belt



cutting positions: intersection 4th/5th breast spine



cutting positions:  
- right boundary H bone  
- intersection 5th/6th lean spine

- a 2 camera system automatically acquires the halves and transmits the image data to a separate evaluation pc
- the cutting positions are determined with high stability and precision based on the specific anatomic features of every half
- according to customer requirements and market conditions different cutting positions can be defined
- the system is designed for high processing capacities



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