



# DMRI Yield Max

Maximize your yields with our dynamic software:  
**Stay thriving and ahead.**

Maximize your meat company's profitability with DMRI's innovative Yield Max. Reveal the full potential of your cutting and deboning processes and drive continuous improvement with real-time monitoring and analysis.

[Read more](#)  
→ [www.dti.dk/yield-boost](http://www.dti.dk/yield-boost)



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# Maximizing value – the importance of controlled yields in the meat industry

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In the meat industry, controlled yields significantly impact a company's profitability due to the variation in value among products derived from a carcass. The specifications establish upper limits for weight, size, and fat cover, defining the boundaries for the high-valued products. At the same time, within a cutting and deboning room, the resulting yield of each product relies on operators' techniques, effort, and focus.

Achieving profitability requires a careful balance of working within these specifications to enhance the weight of main products without exceeding them and incurring claims, all while managing product variation in a fast-paced environment. Therefore, maintaining stable and well-controlled cutting and deboning processes is key.



# The Challenge in yield control

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In any continuous improvement system, effective indicators are vital for measuring and optimizing performance. This holds true for yield management, where accurate indicators are essential for driving profitability.

However, developing these indicators for yields poses a significant challenge for many companies. While most of them track the individual weights of carcasses entering the cutting and deboning process, and the resulting weights of the products, this data alone is insufficient for calculating individual yields for each specific product. Often, it is not feasible to directly link the resulting products to the specific carcasses used in their production. Simply dividing the total weight of each product by the total weight of the carcasses or grouping products into families (e.g., shoulders, bellies, hams, loins) does not provide an accurate indicator, as it does not account for variations in product mix.





## The solution – DMRI Yield Max

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DMRI has developed Yield Max, a versatile software tool for calculating yields of individual products in cutting and deboning, designed to accommodate various layouts and sources of information. This adaptable tool can integrate with different MES, enabling seamless data retrieval for yield calculations. By connecting to a server with the necessary data, our cloud-based software can perform comprehensive yield calculations.

The software provides detailed insights into individual product yields and evaluates the economic performance of daily production against specific reference scenarios. It considers the value of secondary products according to a recipe structure defining all potential cutting and deboning options and market-based reference prices to assess economic outcomes accurately.

Furthermore, our yield control tool can integrate with costing and pricing systems, offering realistic and regularly updated results. Unlike standard cutting tests, which may not accurately reflect actual operations, utilizing the yield control tool as an input for costing provides more accurate and adaptable results.

The DMRI yield control tool also comes with a visually intuitive and user-friendly interface. This allows for easy navigation of results and indicators, providing detailed insights into individual product yields and the economic performance of daily production.

**DMRI** —  
*Food innovation for the future*

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