We need to rethink production technology for meat packers — the old cutting table is being revived.

HTTPS://DOI.ORG/10.1093/af/vfab077



investigate feasibility. Current challenges include developing a **fast shift of tools**, a **small robotic footprint**, and protocols for **cleaning**.

Infographic

Rethinking production technology for meat packers

Traditional meat production lines are limited in capacity and efficiency, and stops in the line can cause significant delays and interruptions to production. Robotic production cells using artificial intelligence can not only provide redundancy and accommodate biological variation in carcasses, but can learn over time, further increasing efficiency. However, challenges to implementing robotic production cells remain, and include the need for fast changing of tools, cleaning in place, and a logistics system that enables efficient movement of carcasses.

References

Hinrichsen, L., Wu, H. & Gregersen, K.D. 2022. We need to rethink production technology for meat packers - the old cutting table is being revived. Anim. Front. 12(2):18–24. https://doi.org/10.1093/af/vfab077

Delmore RJ. 2022. Automation in the global meat industry. Anim. Front. 12(2):3–4. https://doi.org/10.1093/af/vfac021

^{© 2022} American Society of Animal Science

This is an Open Access article distributed under the terms of the Creative Commons Attribution-NonCommercial License (https://creativecommons.org/ licenses/by-nc/4.0/), which permits non-commercial re-use, distribution, and reproduction in any medium, provided the original work is properly cited. For commercial re-use, please contact journals.permissions@oup.com https://doi.org/10.1093/af/vfac019