



aWISH
ANIMAL WELFARE INDICATORS AT
THE SLAUGHTERHOUSE

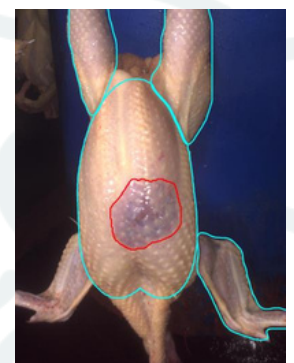
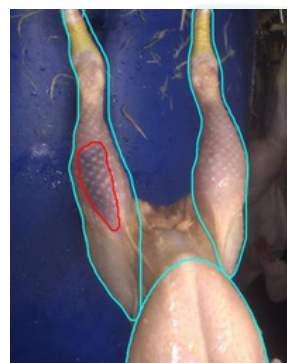
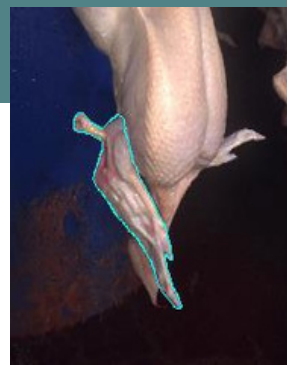
Catch Damage (CLK GmbH)

TASK

The CatchDamage system detects defects such as broken wings, hematomas, and other injuries to provide objective information about damages caused during farming, transport, or processing. By differentiating between the origin of injuries, the system supports animal welfare monitoring and helps identify optimisation potential along the production chain. Automated inspection enables faster, more consistent, and more detailed quality control compared to manual evaluation processes.

Assessment

- The system distinguishes between catch and transport damage, old lesions, and machine-related injuries, providing reliable information for root-cause analysis and process optimisation throughout the production chain. In addition to wing injuries, the system also inspects breasts and thighs to deliver a more comprehensive assessment of product quality and handling conditions.
- Detected hematomas are classified as Catch Damage based on their size and color characteristics, enabling objective and consistent evaluation of wing injuries and handling quality.
- Color cameras inspect both sides of the product at line speeds of up to 18,000 birds per hour. The system is typically installed on a 180° curve, where the wings are fully visible for reliable detection and analysis.



CLK ChickenCheck
Systems

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