

# FOTON-CUT OPTICAL PORTIONING SYSTEM



## High Precision in Portioning, Continuous Efficiency

MS SPEKTRAL develops and manufactures food inspection, sorting, and portioning solutions under the FOTON (Foton-Cut) brand for the food industry.

The FOTON-CUT2000, equipped with high-precision laser profile measurement technology and designed entirely with food-safe components, uses advanced optical sensors to analyze product forms with millimeter precision, making production processes automatic, fast, and error-free.

Portioning of products such as chicken, fillet, fish, and red meat is flexibly configured according to production line needs and performed fully automatically. This increases product quality while providing advantages in efficiency, hygiene, and labor costs.

## SYSTEM FEATURES

<b>Cutting Speed</b>	Max: 1500 cuts /min Continuous: 750 cuts /min
<b>Cutting Angle</b>	90° (Optional 45°)
<b>Minimum Slice Thickness</b>	20mm
<b>Conveyor Belt Speed</b>	200-500 mm/second
<b>Imaging Technology</b>	Laser and Optics
<b>Automatic Cleaning</b>	Yes
<b>Remote Software Support</b>	Yes
<b>Portioning Criteria</b>	Weight, Size

- Minimum waste with fixed weight cutting and advanced accuracy
- Advanced AI-assisted cutting algorithms that ensure slices stay within edge gaps and reduce waste
- Hygienic and easy cleaning in compliance with food application standards
- High-speed operation and maximum efficiency
- Suitable for use in red and white meat products
- Long-lasting system components with minimal operational cost



High efficiency-oriented system design



Two different cuts at the same time with double feed line



User-selectable cutting recipes



Test Video

Hacettepe Teknokent Beytepe Kampüsü 5.AR-GE Binası  
No:16/06800 Beytepe, Çankaya-ANKARA / TÜRKİYE  
+90 312 299 0000 / +90 534 225 6368

[www.msspektal.com](http://www.msspektal.com)