

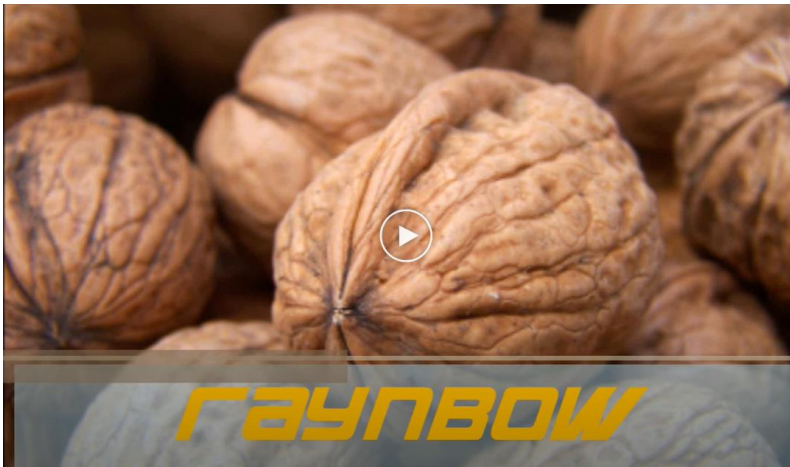
CASE STUDY: IL NOCETO WALNUTS

Italian Walnut Processing Plant Goes Nuts for Raytec's Optical Sorting Technology

Situation

Walnut orchard Il Noceto in Northern Italy needed help in the sorting and inspection process. Il Noceto have grown quality walnuts for over twenty years, and they are known for their locally produced and sustainable walnut products which are of the highest quality.

Their biggest problem was finding a way to remove rotten and green walnuts from their production line, without compromising on their current production speed. Since Il Noceto already owned a Raytec machine and liked it, they decided to approach Raytec and ask about a potential solution.



Results

Il Noceto were able to achieve optimal efficiency on their production line, maintaining high speeds while still providing a high-quality product.

Solution – Raynbow

Raytec installed a Raynbow R-230-J 3W optical sorting machine to maximise Il Noceto's quality control process. Raynbow is designed to analyse 100% of the product's surface area, and can identify the presence of rot and foreign bodies. Near infrared technology can also detect imperfections inside of shelled walnuts, and Raynbow can remove them from the production line before they are packaged or processed further.

Rejection can be a single grading system or in 3Way mode, which differentiates between pure waste and second grade produce. Raynbow is also able to provide statistical data on rejected nuts, and provide insight into the overall quality of the batch.



Explore Raytec's range of optical sorting technology at www.sealpac-uk.com or call us on 0845 302 3056 to discuss your business needs.

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