Sort to Spec

Sort to Spec enables food processors to maximize yield and profitability while consistently meeting varying customer specifications – all while minimizing operator labor time. Sort to Spec and the TOMRA 5B are the key to optimizing French fry production.



Maximize Yield
Earn more from the same load. Enhance profitability by optimizing line effectiveness and selling more product at defined specification price

Sort to Spec delivers up to a 4% overall increase in yield*



Deliver Varied Specifications
Consistently meet a range of customer specs while maximizing on-spec delivery and driving satisfaction

Processors report an average 40% reduction in complaints associated with quality*



Simplify Operator Interactions
An easy-to-use interface enables quick set up of quality parameters and peace of mind during operation leading to a reduction in labour hours

Sort to Spec can enable a 20% reduction in daily operator labor hours*

An Operator friendly solution that adjusts to the operating environment, reduces labour and maximizes yield.

Reduced Food Waste
Smart Ejection enables incredibly accurate removal of only selected defective fries without accidently ejecting adjacent acceptable fries

Easy Program Creation
Industry leading software enables quick and accurate program creation to align with new customer specifications

Enhanced Reputation
Earn the satisfaction of customers by delivering an accurate sort across length and defects every time

Fast Operator Onboarding
Easy to learn interface and intuitive processes greatly reduce the time needed for new operators to achieve the best possible result

Outstanding Support
Our technical support team partners with you every step of the way and helps you to design the optimal production layout

“Since we have started running TOMRA Sort to Spec, the operators have a less stressful job and the machine always gives us the output we want no matter what we feed in”

Gerrie Menheere, Optical Engineer Lamb Weston

** Internal TOMRA Research and Development Analysis*

Sort to Spec by TOMRA is a feature rich solution which leverages high-tech analysis and ease of use to adjust to various incoming load conditions, minimize operator time required and maximize French Fry yields

- **Intuitive Operator Interface:** The Sort to Spec Wizard allows easy setup of new defect definitions and selection & modification of profiles based on customer specifications.
- **Multi-dimensional optimization algorithm:** Evaluate objects based on multiple dimensions including length, color defects and quality to drive statistical analysis and maximize yield.
- **Dynamic Interval Adjustment:** Sort to Spec automatically adjusts to varying Incoming Defect Loads (IDL) to achieve maximum yield at allowable Output Defect Load (ODL).
- **Unbeatable Statistical Accuracy:** Accurate length measurement combined with de-clustering and object merging deliver best-in-class object statistics to minimize ejections.
- **Fast Installation:** Sort to Spec is designed to get production up and running quickly. Installation and initial configuration usually take less than half of a working day.
- **Quick Operation:** Sort to Spec is designed to maximize production uptime. Specification profiles can be changed on-screen quickly by the machine operator without the need for external engineering support.



For more information, visit:
tomra.com/food

