

SEPARATION TECHNOLOGY FOR THE COFFEE INDUSTRY



Oliver

Advancing the Science of Separation.

MECHANICAL SORTING OF RAW COFFEE BEANS CAN MOVE YOUR HARVEST TO THE TOP OF GRADE.

Cleansing and classification of beans by size, weight, density, color and contamination maximizes the quality of each harvest. It's a difference clearly visible to the naked eye.

Oliver Manufacturing designs, builds and maintains a line of machinery that provides the single most valuable refinement beans need: **Uniformity**. Oliver gravity separators, destoners and fluidized bed driers are designed to:

- Eliminate all foreign matter
- Sort product variations in bean size and density *as small as 2%*
- Ensure the highest price possible

Separation can positively impact the appearance and value of any grade of coffee that is processed, whether intended for sale as whole beans or as ground mix. This improvement can be performed at the harvest or refinement site, and can help advance the quality of *any* grade.



IMPERFECTIONS COMPROMISE QUALITY.

Trash, chips, dirt, twigs and broken beans only detract from appearance and value. Removing contaminants and imperfections and sorting the resulting beans by size and density boosts purity to a level that is obvious even to the untrained eye. Consistency pays, even within lower grades, regardless of end use.

Oliver separators perform at or above the guidelines specified by the SCAA. Guarantee your harvest is valued at the top of each grade.

SCAA GRADING GUIDELINES

GRADE 1: Specialty Grade Coffee Beans: no primary defects, 0-3 full defects, sorted with a maximum of 5% above and 5% below specified screen size or range of screen size, and exhibiting a distinct attribute in one or more of the following areas: taste, acidity, body, or aroma. Also must be free of cup faults and taints. Zero quakers allowed. *Moisture content between 9-13%.*

GRADE 2: Premium Grade Coffee Beans: Same as Grade 1 except maximum of 3 quakers. 0-8 full defects.

GRADE 3: Exchange Grade Coffee Beans: 50% above screen 15 and less than 5% below screen 15. Max of 5 quakers. Must be free from faults. 9-23 full defects.

GRADE 4: Standard Grade Coffee Beans: 24-86 full defects.

GRADE 5: Off Grade Coffee Beans: More than 86 full defects.

ADVANCING THE SCIENCE OF SEPARATION.

Oliver's product line, which includes gravity separators, precision sizers, destoners and fluidized bed dryers, has developed an international reputation for durability, reliability and performance. Plus, our patented technological advancements like centralized digital power control and fully memorized operation make Oliver separators the most accurate, efficient, repeatable and easy-to-use in the industry.

Don't count on a copy. The separation process can be loud, dusty and vibration-prone, so design and construction play critical roles. While several manufacturers try to copy Oliver, no one has been able to duplicate the things we do best, chief among them:

- Balance and durability of moving parts
- Degree of control over parameters like table tilt or individual fan motor speed
- Vibration dampening
- Dust control
- Overall level of quality

The proof is in the warranty and *Oliver's 3 year coverage on every machine sold represents the best manufacturer protection in the industry.*

ELEVATE YOUR PRODUCT WITHIN EACH GRADE WITH MORE EFFECTIVE SEPARATION.

Separation can help build your reputation for conspicuously better product. For more information on the Oliver separators and destoners designed to build more value and higher price into every harvest, go to **www.olivermanufacturing.com** or contact the manufacturer at 888.254.7813 from the USA, 1.719.254.7813 for international inquiries



A HISTORY OF PERFORMANCE.

Oliver Manufacturing is a third-generation, 80-year-old manufacturer of separation machinery for Agriculture, Lumber, Recycling, Powder Bulk, Coffee and Mining industries. Many Oliver machines manufactured in the 1930's are still in use today. Oliver backs every gravity separator, precision sizer, destoner and fluidized bed dryer with the industry's longest warranty. Several machines are available with pre-wired, PLC design, power joystick tilt and menu-based repeatable sub routines, for quick, accurate setup, efficient cleanout and changeover.

When it comes to support and service, the same technicians who design and manufacture all equipment in southern Colorado are also available for consultation, hands-on instruction and repair work. We are constantly updating our equipment with backward-compatible mechanical refinements. Our test lab engineers will make free machine and process recommendations based on submitted samples.



Main Office

17777 US Hwy 50, P.O. Box 512
Rocky Ford, CO 81067 USA
719-254-7813

Warehouse

27151 Harris Road
La Junta, CO 81050 USA
719-383-9880

888-254-7813 (Toll Free)
+1-719-254-7813 (International)

www.olivermanufacturing.com

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Made in USA.