

# SEPARATION TECHNOLOGY FOR THE SEED INDUSTRY



**Oliver**  
Advancing the Science of Separation.

# **-sizing, cleaning, drying and sorting of any seed type can boost crop productivity and sale price.**

Give your seed crop the highest possible probability for germination and value at the market. Removing contaminants of all sizes and weights boosts value. Removal of damaged, diseased or lightweight seed yields a huge improvement in germination percentages. And more effective drying after coating treatment ensures the highest seed performance possible. Oliver gravity separators, destoners, precision sizers and fluidized bed driers are designed to:

- Eliminate all foreign matter
- Remove even tiny variations in seed size and density
- Maximize coating effectiveness
- Ensure the highest price and germination performance possible

Precision sizing gives you the most control over product dimension consistency. Separation can positively impact seed crop results, no matter what size, the variations in density or which contaminants need to be removed. Destoners remove the heaviest contaminants, and bed dryers provide quick, gentle thermal heat transfer and precise humidity adjustment. And you can see the difference more effectively sorting, cleaning and drying makes clearly with the naked eye.



## **IMPERFECTIONS AND VARIATIONS COMPROMISE QUALITY.**

Trash, chips, chaff, dirt, twigs and dry or diseased seeds all detract from purity and germination potential. Removing contaminants and imperfections and sorting the resulting seeds by size and density protects processing machinery and boosts purity to a level that is obvious even to the untrained eye. By precisely controlling air flow, table tilt, agitation, end raise and feed rates, your Oliver table can clean and separate seed by variations as small as 2%. Precision sizing separates material by shape and size down to 1/128" tolerances. No other product line matches this accuracy.

## **OLIVER ADVANCES 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's automated line of separators the most accurate, efficient, repeatable and easy-to-use in the industry. Consistency pays, no matter what seeds you are processing.

## **NO ONE PROCESSES MORE SEED THAN OLIVER.**

Thanks to more accurate control over more adjustments, no other line of processing equipment can duplicate Oliver's versatility and accuracy. Our experience is second to none. Plus, we offer custom setups, such as different hopper configurations, antistatic aprons and fine-tuned airflow designs. And no other manufacturer supports the seed

industry the way we do. Oliver is a committed member and sponsor of ASTA, IPSA and Future Seed Executives, and has a long history of participation and first-hand customer contact at industry meetings and trade shows.

That's why you'll see more Oliver's in more seed processing operations than any other brand.

### ***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
- Service support

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 PROCESSING.***

Separation, sizing and bed drying can all help build your reputation for *conspicuously* better product. For more information on the Oliver separators, destoners, precision sizers and fluidized bed dryers designed to build more value and higher price into every harvest, contact us at 888.254.7813 from the USA, 1.719.254.7813 for international inquiries or go to [www.olivermanufacturing.com](http://www.olivermanufacturing.com).



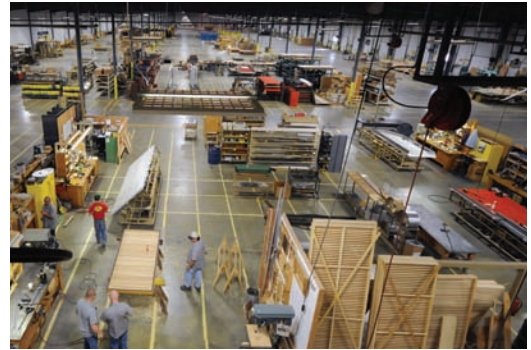


## **A HISTORY OF PERFORMANCE.**

Oliver Manufacturing is a third-generation, 80-year 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 easy 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 make free machine and process recommendations based on submitted samples through our Prove It program.

No one works harder advancing the science of separation than Oliver.



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# **Oliver**

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Made in USA.