

The always accurate,
Oliver Hi-Cap Gravity Separator

- Proven design and performance
- Easy to use
- Superior engineering
- Increased efficiency
- Optimize product quality
- 3 year warranty

OliverTM
Separation Solution Specialists Since 1930



Fully Customized • Energy Efficient • Cost Effective

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Oliver – often imitated, never equaled

It's no secret, Oliver Manufacturing is the people's choice for separation solutions, and our Hi-Cap Separator is the most copied separator in the world. No other separator can match its record of customer satisfaction and longevity. If you're interested in separation equipment that is masterfully constructed to last for decades, by the most successful and experienced team of engineers, then Oliver Manufacturing is your answer.

The Oliver Hi-Cap Gravity is used to accurately separate any type of dry bulk particles that are similar in size and shape, but differ in weight.

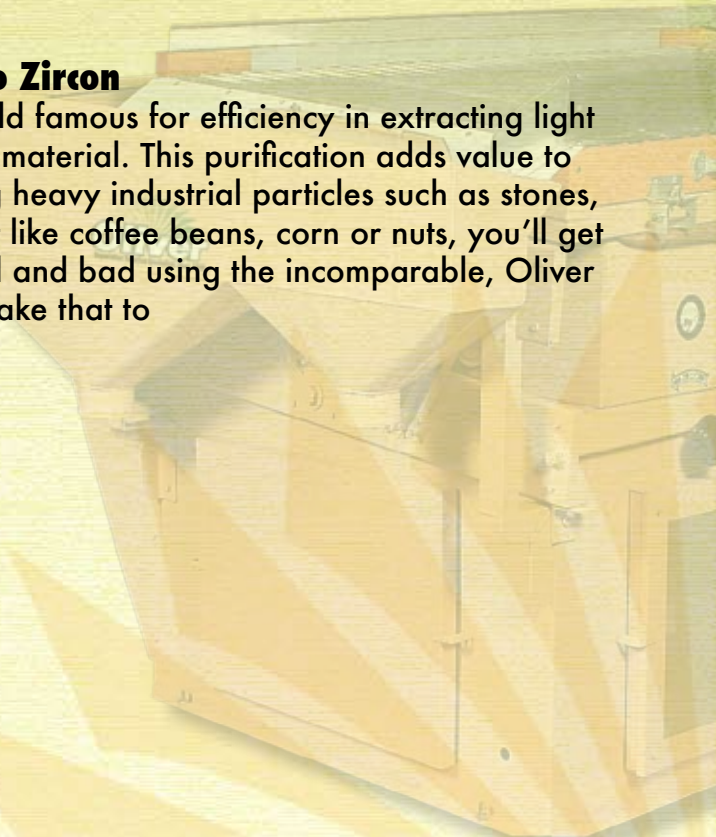
Hi-Cap Gravity Separators offer many advantages over competing machines. Just ask someone who uses an Oliver.

"What makes it so effective?"

It's a fact. The rectangular deck shape allows for far greater separation efficiency and accuracy. Many toy with the shape of their separators to find better results, but Oliver's simple rectangular deck still lengthens the dwell time of the product and allows for more exposure on the eccentric table. It separates greater quantities faster.

Pure profit – from Anasazi Beans to Zircon

Oliver's Hi-Cap Gravity Separator is world famous for efficiency in extracting light particles from a larger quantity of heavy material. This purification adds value to your product. Whether you're processing heavy industrial particles such as stones, glass, metal, sand or agricultural product like coffee beans, corn or nuts, you'll get a more precise separation between good and bad using the incomparable, Oliver Hi-Cap Gravity Separator, and you can take that to the bank. Literally.



Oliver

HI-CAP

- Available Models:**
- **Model 50, 50M**
 - **Model 80, 80M**
 - **Model 160, 160M**
 - **Model 240, 240M**



RIGHT HAND MODEL
(with partial hood)



LEFT HAND MODEL (with aspirating feeder)

Left and Right-Hand Models

To help you with installation challenges,
we provide both left and right-hand models.



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Product is air lifted, not just blown around.

Stratification on an Oliver is unique. Proper lifting is provided by an air system specially designed for separation. Hi-Cap Gravity Separators feature Oliver's patented multiple fan, air supply system. It provides greater flexibility because the operator can adjust each fan separately to allow precise control of the air. Unlike our competition, Oliver engineers did not just go buy a fan off the shelf and attach it for airflow. Oliver engineers specifically designed our new fans for perfect particle separations using Computer Aided Design (CAD) technology. As a result, our fan design maintains the unique requirements necessary to make accurate particle separations. Worldwide, Oliver's fan performance is proven to be the benchmark for separation efficiency.

"Can I operate it?"

Once you become familiar with the controls, running the Hi-Cap Gravity Separator is easy. Operating adjustments can be made while the machine is running. You can easily and accurately adjust the air gates, the speed of eccentric motion, plus side and length tilt and rate of product feed, easily and accurately.

Power-Flo blender removes the best so you can separate the rest.

The Power-Flo blender operates independently of your separator and conveys the good heavy product faster so that your Oliver can go to work separating further good product from the less pure portions of product still on your separator. The Power-Flo blender comes standard on your Oliver and is ruggedly constructed with few moving parts. It will last and last.

- **Proven design and performance**
- **Accessories available to fit your needs**
- **Patented fan system makes for precise air control**
- **Unique rectangular deck gives unequalled separation quality**
- **Free product evaluation**
- **Most reliable Gravity Separator on the market**

**3 Year
Warranty**



Step it up a notch with the "Master Series"

An 'M' after your model number means you've got a Hi-Cap machine with additional features to make it even more efficient. Upgrading to the Master Series will increase the longevity of your equipment and allow for quicker installation, a smoother running machine and ease of operation.

"Master Series," includes these key features.

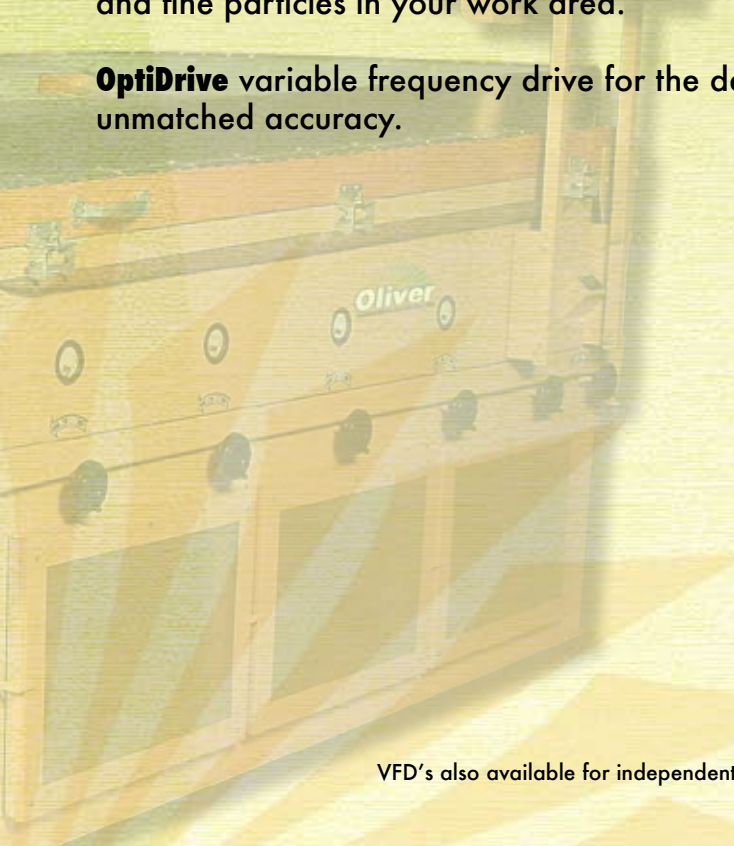
Active Counterbalance System provides smooth operation, increases longevity and makes installation easier.

Indicator Gauges denote side and length inclination, feed flow, air pressure and eccentric speed.

E-Z Flo Discharge Hopper is a uni-body hopper with square-to-round transitions to aid connection to in-house round spouting. Its unique construction minimizes product damage and promotes rapid and thorough cleanup.

Aspirating Feeder will take care of small dust particles before they reach the vibrating bed, and with an optional Full Dust Hood, you can be virtually free of dirt and fine particles in your work area.

OptiDrive variable frequency drive for the deck rpm's allows optimum control and unmatched accuracy.



The always accurate, **Oliver Hi-Cap Gravity Separator**

"I hate dust in my eyes!"

The actions and air currents required during separation are pretty dynamic, so certain products with dust, chaff or other light contaminants can cause a major problem. To satisfy OSHA and or EPA requirements, and protect the safety of our customers, we offer two types of dust control: Aspirating feeders provide an economical means of removing moderate dust as the product is delivered on the separating deck. For more severe dust problems, we offer full or partial dust hoods. The hood covers the separating deck allowing the capture of a higher percentage of light contaminants. With built-in feed and exhaust air adjustments, large windows for viewing and flexible skirting for handling of product during operation, dust won't be a problem anymore! Both options require external exhaust systems. For filter systems or CFM requirements call your Oliver representative or visit olivermfgco.com

"Our lab is your lab."

That's how we became the people's favorite. We'll get to know your product first hand with a free laboratory test. We'll zero in on your particular challenges and help build the right combination of equipment for you. Send us your sample and put our lab service to the test finding solutions for your specific separation problems.



POWER-FLO BLENDER

ASPIRATING FEEDER



Our Experts and Engineers Will:

- Advise you on selecting the proper equipment
- Design custom equipment
- Provide hands-on training and education

Call your Oliver representative to find the model that best fits your needs