

The high capacity,

Oliver Maxi-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



The high capacity, Oliver Maxi-Cap Gravity Separator

High capacity meets high quality

Oliver Maxi-Cap Gravity Separators easily handle the high capacities required by today's profitable operators.

What does it do?

A gravity separator separates dry, granular, free flowing material according to particle density. Like size particles can be effectively separated with as little as 1% difference in specific density. Gravity Separators use a combination of air to fluidize which creates stratification of particles, vibration is used to push heavy layers toward the high side of the deck and also convey product, and tilt and slope for material flow and separation control.

Pure profit – from Anasazi Beans to Zircon

Oliver's Maxi-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 products like coffee beans, corn or nuts, you'll get a more precise separation between good and bad using the incomparable, Oliver Maxi-Cap Gravity Separator, and you can take that to the bank. Literally.

More for your money

The Maxi-Cap Gravity Separator is the most cost effective machine in the business. With proven low operation and maintenance costs, coupled with unequaled productivity you're guaranteed a rapid return on your investment.

"Can I operate it?"

The Maxi-Cap Gravity Separator is easy to use. Like its predecessor the Oliver Hi-Cap, all operating adjustments can be made while the machine is running. But unlike earlier models, Maxi-Cap Gravity Separators feature a patented suspension to hold adjustments without clamps. In addition, all controls include direct reading indicators to allow precise, repeatable adjustments.

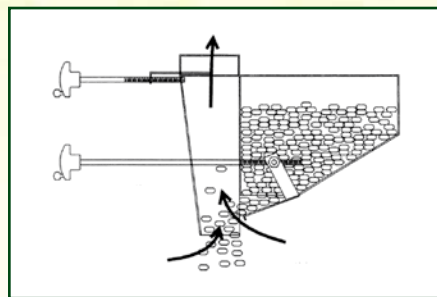
Separating Decks Designed for the future, today.

Constructed of aerospace grade aluminum, stainless steel and longwearing polyethylene, the Oliver Maxi-Cap is far superior in strength, freedom from false vibrations and wear to steel. Plus, all four Maxi-Cap Gravity Separator models feature an improved rectangular deck design so they can be used in areas where cleanout and food-grade standards are a consideration. Maintenance is low due to the use of light, longwearing materials on product contact surfaces.

3 Year Warranty

Available Models:
Model 2400
Model 3000
Model 3600
Model 4800

Aspirating feeder with ACME Threaded Controls



Opti-Drive



All Oliver equipment requires a firm foundation, an adequate clean air source and uniform feed rate. Please consult your local representative or the Oliver factory for more details.



YOUR MAXI-CAP SEPARATOR COMES EQUIPPED WITH THESE FEATURES.

Active Counterbalance System provides smooth operation and ease of installation.

Hydraulic – Air, Side and End Raise Adjustments with “OptiDrive” Eccentric Control allow precise, accurate separation results.

Aspirating Feeder or optional **Full Dust Hood** are designed to handle dust, dirt and fine particles – a must to satisfy dust collection requirements.

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. Maxi-Cap Separators feature Oliver’s traditional multiple fan, air supply system. Originally patented by Oliver, it provides greater flexibility because the operator can adjust each fan separately to allow precise control of 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.

Precise adjustments equal precise separation.

No other separator is easier to use or gives you more control of your separation. Oliver achieves precise adjustments and consequently the most precise separation using hydraulic valves and OptiDrive automation. Indicator gauges provide operator feedback to allow for optimum settings. So, with just the push of a button and the stroke of a lever, you can fine tune your separation and achieve more efficient results.

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 further separating 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.

“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.

“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 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





OliverTM

Separation Solution Specialists Since 1930

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