

Accessories & Upgrades

for Gravity Separators and destoners



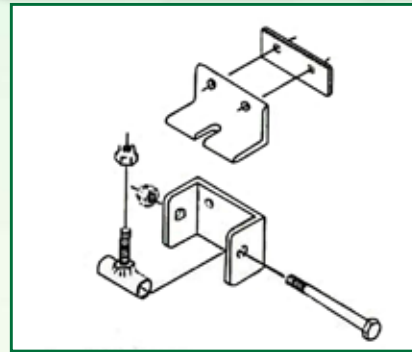
OliverTM
Separation Solution Specialists Since 1930





Product design, quality workmanship, experience and honesty are what make Oliver the World Wide Leader of Density Separation Equipment. Having been in business over 75 years and specializing in Gravity Separators and destoners, we have tried numerous ways of improving on the original. Not only from a manufacturers view but also from an operators view. Here are a few ideas that made it from the drawing board onto the production line.

DECK HOLD DOWN ASSEMBLY



Adapted from our Maxi-Cap series. The Heavy Duty aluminum Deck Clamp replaces the small clamp and clip with the swivel T-bolt and slotted angle pictured above. This clamping system is easy to install and is a great improvement over the old deck hold down system.

OPTIDRIVE ELECTRONIC VARISPEED

The World Leader in Separation Technology has teamed up with the World's largest manufacture of AC drives. Yaskawa® adjustable frequency drives are now standard on all Maxi-Cap series machines. The drives are available for all models of Oliver equipment to monitor and adjust the speed at which the motors operate. This results in both a reduction in electricity usage and allows the operator to achieve optimal performance. Whether you're upgrading existing equipment or would like ease of operation from the first day you purchase your new equipment, expect the best from your Oliver equipment. Electronic AC drives improve efficiency and ease of operation with the additional benefit of the removal of mechanical working parts which wear over time.

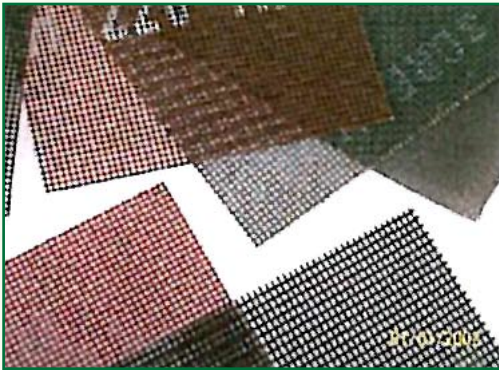


CLAMPING HANDLE

The Adjustable Ratchet Style Clamp replaces the round clamp knob for both side tilt and end raise. The ratchet action of the clamping handle is easy to use and the long handgrip allows additional leverage for ease of adjustment.



COATED OVERCOVER



Enhanced wearability and increased separation performance were the design criteria for our Coated Overcover. Oliver's R&D Engineers accomplished both. Field tests on both agricultural commodities and industrial materials have proven up to eight times the wear as compared to the standard steel overcover. The coated overcover gives your Hi-Cap a more aggressive separation surface. Better traction between the screen and product increases performance efficiency in most applications.

METAL DECK

Constructed of aluminum, Oliver Metal Decks can be installed on the Hi-Cap series Gravity Separators and destoners. This rugged structure is standard equipment on the Maxi-Cap and FBD Dryer series. It is recommended for food processing or other applications requiring steam or other types of corrosive cleaning. When wood isn't robust enough, improve performance with the durable Metal Deck.



INDICATOR PACKAGES

This accessory allows all Oliver equipment to be set precisely and accurately with less operator effort. It includes airflow gauges for each fan, an electronic tachometer for eccentric (shake) speed, and indicator decal scales for both deck side tilt and end raise adjustments. Both plant managers and operators have found this to be a very useful tool.



This option is standard equipment on Master series Hi-Caps and Maxi-Cap gravity separators and destoners. Please provide model number and serial number when ordering. Indicator Package comes with all hook-ups and 3" round hole saw for air gauges.

POWER BLENDER

The new motorized Power Blender significantly improves the operating capacity of your Oliver Gravity Separator, rapidly conveying your good product to the discharge hopper and eliminating the wear and strain associated with earlier rod-driven blenders. Long life with smooth, trouble free operation is always the goal when Oliver Manufacturing engineers look to improve even the smallest detail in all of our products.

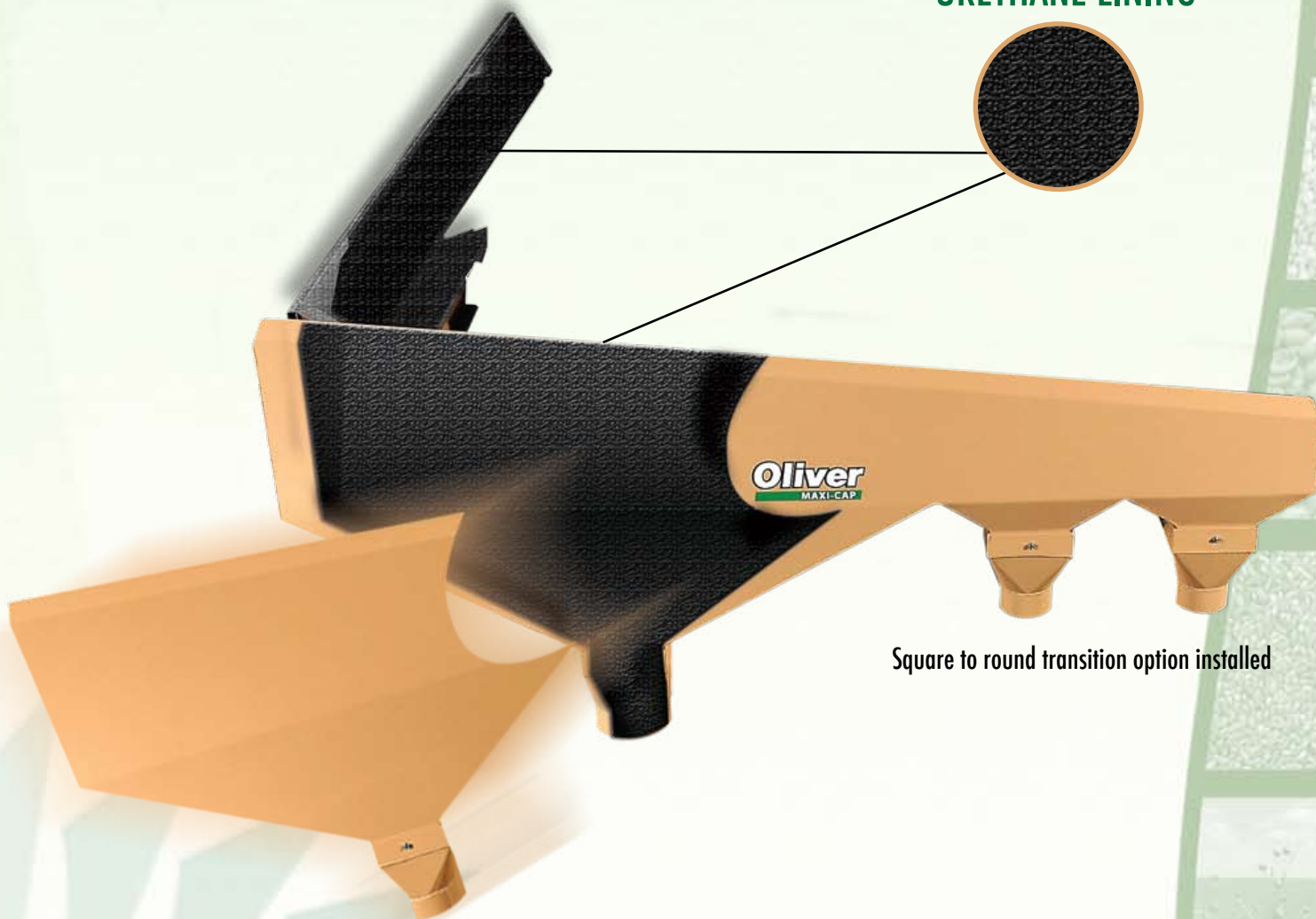


Available for Retrofit ~ 1 HP motor included

TUFF-FLO URETHANE LINING

The Tuff-Flo Urethane lining greatly extends the life and durability of our Blender Trough and Discharge Hopper while decreasing noise and reducing product damage. At Oliver Manufacturing improving quality and longevity of our products are continuous goals.

URETHANE LINING



Square to round transition option installed

E-Z Flo Discharge Hopper

This heavy-duty, unibody hopper has square-to-round transitions to aid connection to in-house round spouting. Their unique construction minimizes product damage and promotes rapid and thorough clean-up. Easy-Flo hoppers are standard equipment on Hi-Cap Master series machines, and can be retrofitted to your machine. Square to Round transitions are available for the Maxi-Cap series (see photo Tuff-Flo). Combine this with our Tuff-Flo option and you've got a durable product flow solution for the life of your equipment.



STANDARD



E-Z FLO



VS



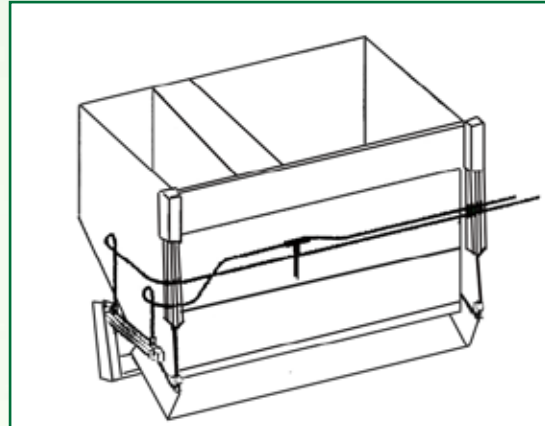
VIBRATING FEEDER

Product flow uniformity is critical to separation efficiency. Certain materials that do not flow well may require a more positive feeder than the Oliver gravity flow feeder. Vibratory or rotary power feeders are available. Both of these options can be installed in Dust Hoods or in conjunction with a standard feed hopper. For more information consult your Oliver representative.



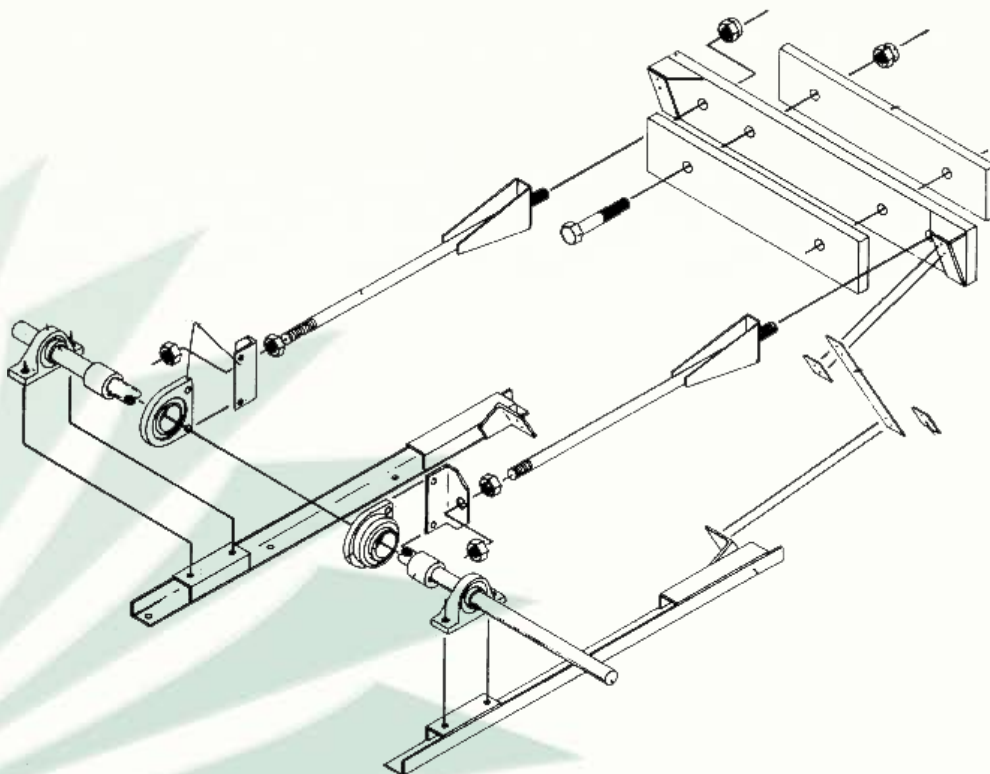
ACCU-FLO FEED GATE

The Accu-Flo Feed Gate has an adjustable flow rate control with an automatic open and closed switch which is essential to maintaining a uniform product feed rate and improving your separation quality. Our Accu-Flo Feed Gate can be wired in parallel to your existing PLC system and with the positive shut-off you can easily prevent material from pooling on the deck and eliminate wasted clean up efforts.



COUNTER BALANCE

The counter balance shakes opposite of the deck to reduce the vibration created by the machine. This accessory is recommended for machines installed on or above grade floors or other locations where an adequate foundation is not available. Not only will the counter balance system help during installation but it will increase the life of the machines parts, ie. bearings, shafts etc. When retrofitting this accessory, please specify if the machine to be upgraded has the air chest divider option.



DUST CONTROL

Certain products have dust, chaff, and other very light contaminants. When these particles are exposed to the actions and air currents required during separation they become a problem. Aspirating feeders provide an economical means of removing light contaminants before the particles are delivered onto the separation deck. These feeders are generally capable of handling moderate dust problems. If you do not already have an adequate in-house air system, a system can be ordered complete with fans, drives and bag filter system. Aspirating feeders have a 6" diameter air outlet, and use 1000-1200 CFM of exhaust air. Oliver Dust Hoods are designed to fully or partially enclose the separating deck and are capable of handling severe dust problems. Our dust hoods have built in feed and exhaust air adjustment controls making it easier for you to precisely regulate the feed rate and air volume. Our large windows and internal illumination allow for visual inspection of your product during separation. The flexible skirting between the dust hood and deck makes it possible for you to physically handle the product you are separating. Dust hoods require an external exhaust fan of sufficient size to operate properly. A balance must be achieved between the exhaust air and the air flow required for separation.

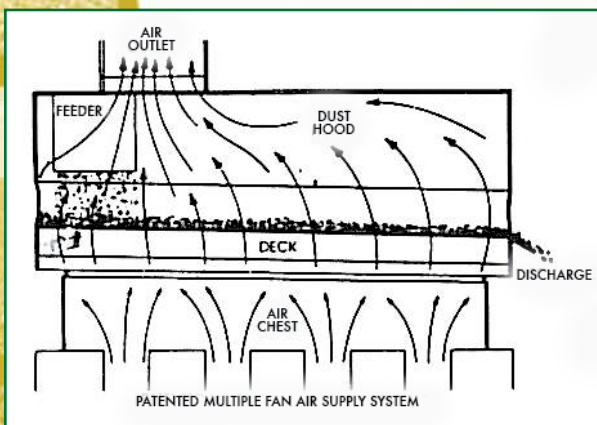
ASPIRATING FEEDER



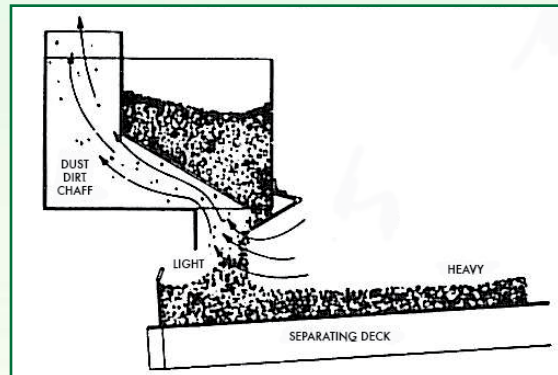
PARTIAL HOOD



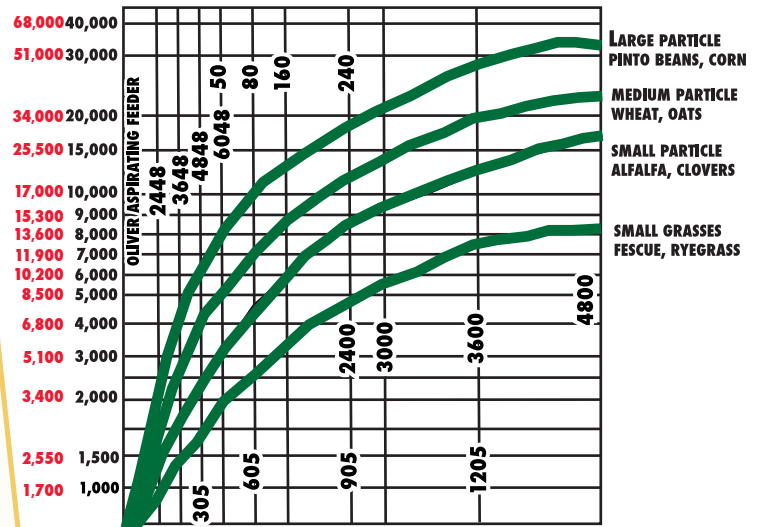
FULL HOOD



Dust hoods require an external exhaust fan of sufficient size to operate properly.



BLACK- (cubic feet/minute) RED- m³/h (cubic meters/hour) *rounded up
AIR FLOW FOR OLIVER GRAVITY SEPARATORS AND DESTONERS



Capacity is a function of the difference in specific gravities as well as the size of the particles to be separated. Due to the wide variation in separation requirements, Oliver Manufacturing Company cannot guarantee these specific capacities; however these estimates have been equaled or exceeded when the gravity separator and other associated equipment have been installed and operated properly.

DUST HOOD SPECIFICATIONS

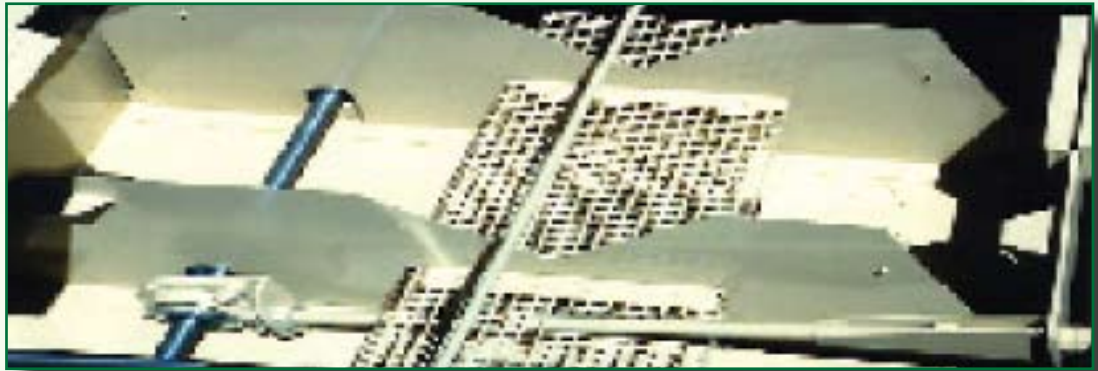
MODELS	50	80	160	240	316	2400	3000	3600	4800
LENGTH	60" 152.4	72" 182.9	90" 228.6	118" 299.7	60" 152.4	126" 320	126" 320	150" 381	186" 472.4
WIDTH	30" 76.2	36" 91.4	42" 106.7	48" 121.9	48" 121.9	54" 137.2	66" 167.6	66" 167.6	78" 198.1
HEIGHT	73" 185.4	74" 188	76" 193	78" 198.1	73" 185.4	38" 96.5	40" 101.6	40" 101.6	40" 101.6
AIR OUTLET WIDTH	12" 30.5	14" 35.6	16" 40.6	18" 45.7	12" 30.5	18" 46.7	22" 55.9	22" 55.9	24" 60.9
AIR OUTLET LENGTH	20" 50.8	22" 55.9	24" 61	30" 76.2	20" 50.8	30" 76.2	32" 81.3	42" 106.7	50" 127
SHIPPING WEIGHT	970 440	1,040 472	1,090 495	675 306	590 267	970 440	1,040 472	1,090 495	675 306

MODELS	2448	3648	4848	6048	305	605	905	1205
LENGTH	18" 45.7	30" 76.2	42" 106.7	54" 137.2	60" 152.4	60" 152.4	60" 152.4	60" 152.4
WIDTH	48" 121.9	48" 121.9	48" 121.9	48" 121.9	36" 91.4	72" 182.9	108" 274.3	144" 365.8
HEIGHT	72" 182.9	72" 182.9	72" 182.9	72" 182.9	24" 610	24" 610	24" 610	24" 610
AIR OUTLET WIDTH	8" 20.3	8" 20.3	8" 20.3	8" 20.3	20" 508	48" 1,219	78" 1,981	50" 1,270
AIR OUTLET LENGTH	12" 30.5	20" 50.8	28" 71.1	36" 91.4	12" 30.5	12" 30.5	12" 30.5	12" 30.5
SHIPPING WEIGHT	360 163	400 181	500 227	690 313	450 204	600 272	600 272	675 306

BLACK- INCHES & POUNDS RED- METRIC UNITS CENTIMETERS & KILOGRAMS

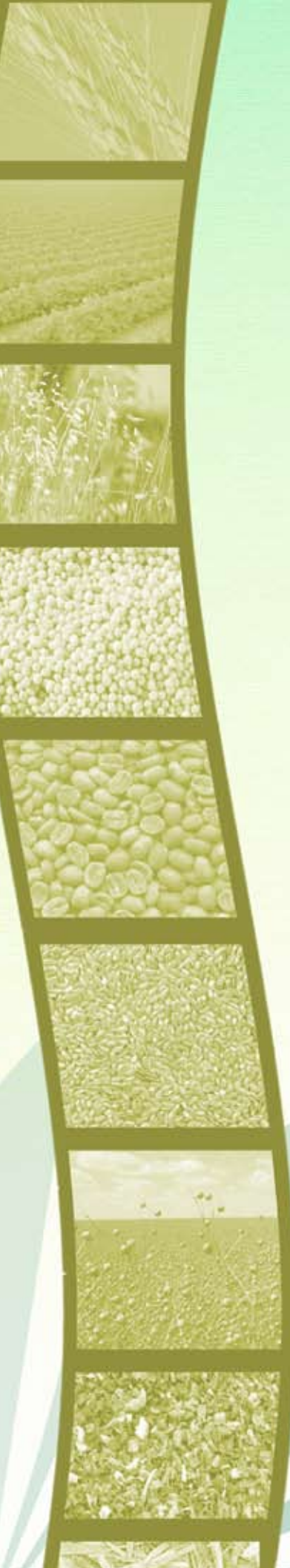
AIR CHEST DIVIDERS

Air chest dividers are vertical air baffles installed between the fan and the bottom of the deck. Air chest dividers enable your operator to more accurately control the weighing air passing through the deck. They are standard equipment on Master and Maxi-Cap Series Gravity Separators and destoners, and all Hi-Cap machines manufactured after January 1, 1991. Air chest dividers can be retrofitted to most older Hi-Cap Gravity Separators.



Team Oliver

Servicing the customer is serious business. We are working hard to make sure that your Oliver equipment contributes to your business success. At Oliver we call this total commitment to customers - **Team Oliver**. It's a service and support package that includes genuine replacement parts from a large in-stock inventory, a fast order and shipping system, meaningful technical support and professional engineering and installation help from the best distributing dealers in the business. Generally your order will be shipped the same day and you can choose from Fed Ex, UPS or USPS postal services. Larger packages are sent Yellow Freight. **Team Oliver** is ready to answer your questions and help you place your order for the latest accessories, options and upgrades that will add value to your machine, and your business. Give us a call today toll free anywhere in the US at 888-254-7813. You can also visit us at www.olivermfgco.com



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