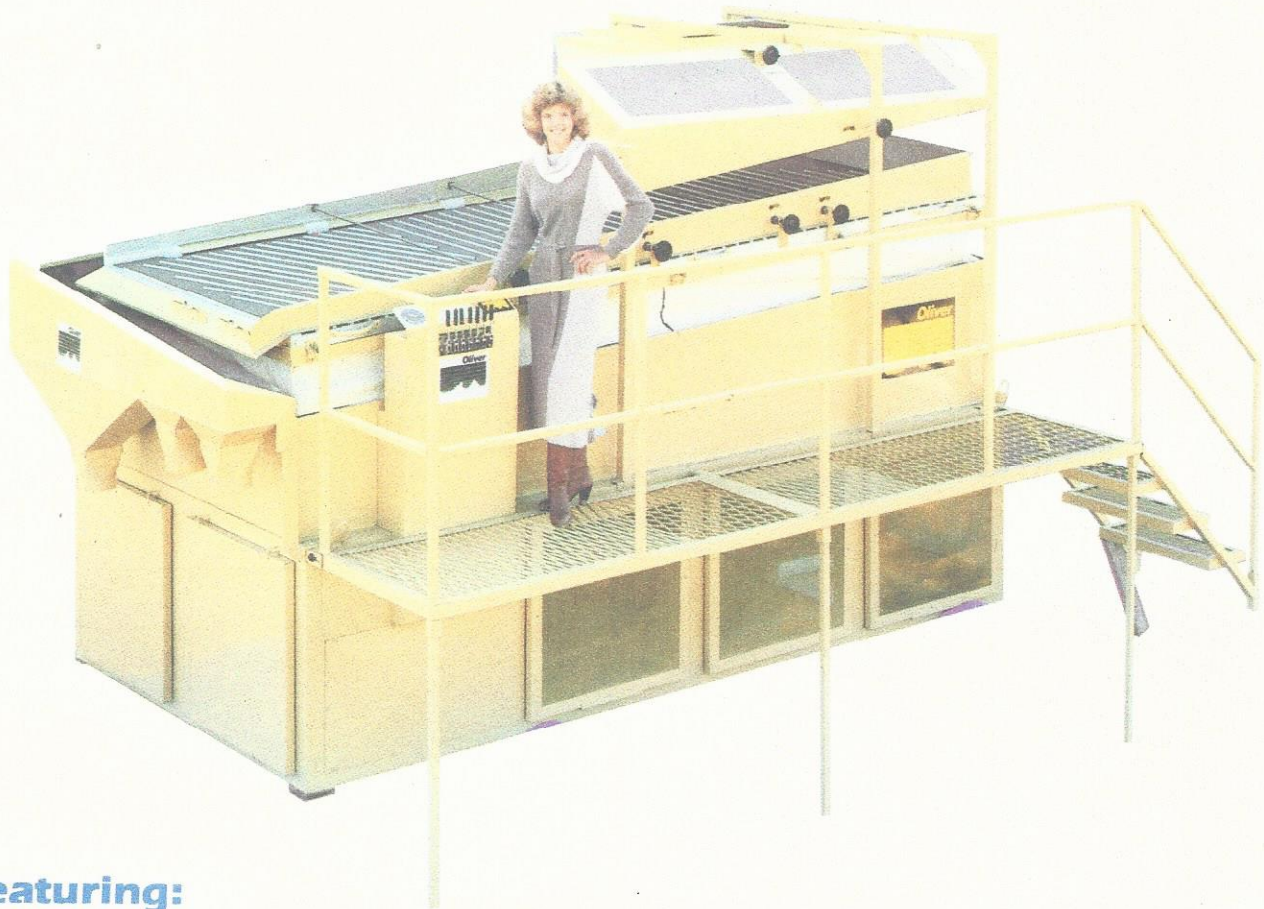




in specific gravities as well as the
represent typical production where a 10%
a 1% difference in specific gravity

Oliver Presents the World's New Standard in Gravity Separators

The Oliver Maxi-Cap Gravity Separators



Featuring:

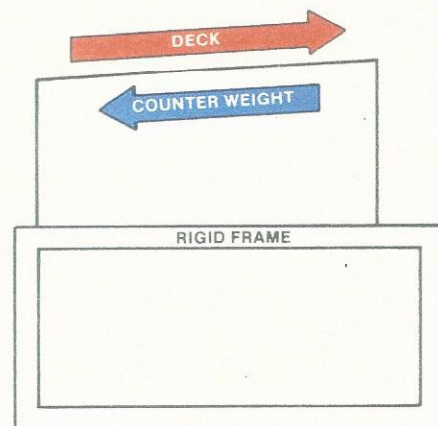
- Greater capacity than any previous gravity separator
- The traditional Oliver High Quality Separation
- Full Counterbalance system for minimum vibration
- Unique "E-Z-Just" control console for all major adjustments
- Easier to use than any previous separator
- Aerospace Grade aluminum deck construction for long life and low maintenance
- Rectangular deck design for the best possible separation
- PowerFlo Blender for greater capacity and reliability
- Computer designed Oliver Multiple fan air supply system for quality separation and high efficiency
- Oliver Aspirating feeder for integral dust control

1 Higher capacity - The new Oliver Maxi-Cap's are designed for a capacity of up to 30,000 lb/hr on crops like edible beans. Instead of being built as a larger version of an existing machine, they were conceived from the ground up to give you the best possible performance at this capacity. For example, only the Oliver Maxi-Cap 3600 has the 60 square feet of deck area needed to give you a high quality separation at high capacity.

2 The Maxi-Cap gravity separators feature a state of the art, full counterbalance system. As a result, these machines will give you the best possible separation with little or no unwanted vibration. This will make it possible to install it on upper floors and other locations where one could not previously install a gravity separator due to vibration problems.

3 Unique E-Z-Just control console - All Oliver Maxi-Cap's feature a unique control console where all operating adjustments are made. All adjustments are made with direct acting hydraulic controls which are operated directly from a central console. As a result, all adjustments can be made quickly with little or no effort. Now anyone with an eye for quality can operate an Oliver regardless of their physical strength.

4 The Oliver Maxi-Cap was designed to be as easy to use as possible. Like it's predecessor, the Hi-Cap gravity, all operating adjustments can be made while the machine is running. Unlike the Hi-Cap however, all clamps and screw adjustments have been eliminated. All Maxi-Cap gravity separators incorporate a special suspension to hold adjustments without clamps. In addition, all controls feature direct reading indicators to allow precise, repeatable adjustments.



2



6

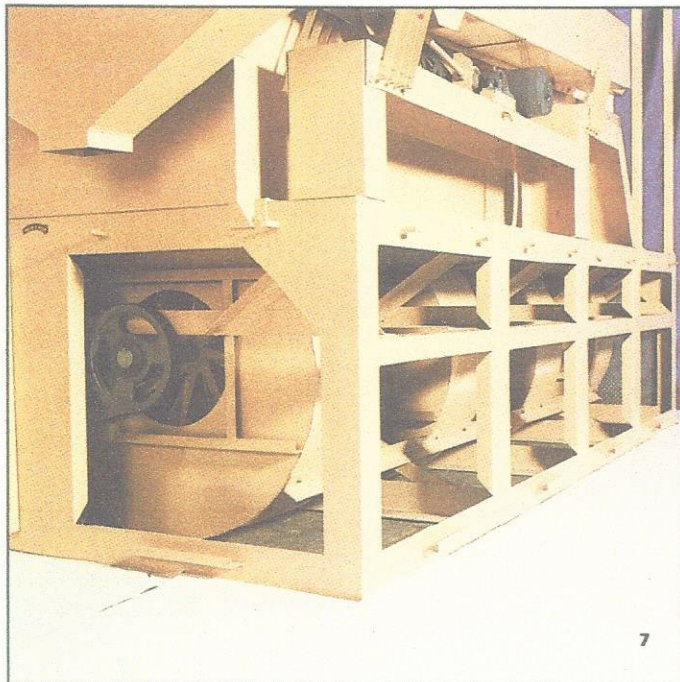
5 The decks of the Maxi-Cap series were designed with the best performing materials available. Constructed out of aerospace grade aluminum, stainless steel, and long wearing polyethylene, they are far superior in strength, freedom from false vibrations, and wear to steel and other commonly used materials. Because of this type of construction, the Maxi-Cap gravity separators can be used in areas where cleanout and food grade standards are a consideration. Maintenance is also low due to the extensive use of long wearing stainless steel and polyethylene product contact surfaces.

6 The Oliver Maxi-Cap gravity separators feature an improved rectangular deck design. As a result, it will give you the superb product separation that Oliver has been renowned for at a greater capacity than ever before.



3

7 Like the Oliver Hi Cap series, the new Oliver Maxi-Cap features Oliver's traditional multiple fan air supply system for better air control and improved efficiency. However, the Maxi-Cap gravity separators have a new computer designed fan system which is quieter and more efficient than any previous one. Of course, each fan can still be adjusted individually for precise air control.



8 Every Maxi-Cap gravity separator features an aspirating feeder as standard equipment. This feeder is designed to eliminate 90% of the loose dust in the product being conditioned while requiring only a modest amount of exhaust air. If you require it, more complete dust control systems are available including full and partial dust hoods. Whatever your dust control requirements, Oliver has an answer for you.



9 The Oliver PowerFlo blender is one reason why our new Oliver Maxi-Cap will deliver consistent high capacity regardless of product. Due to the independently powered design, it operates at a constant high capacity regardless of how the speed of the gravity is set. At the same time, it will also enhance reliability since it is ruggedly constructed with few moving parts.

10 The new Oliver Maxi-Cap series represents a significant step forward in the evolution of gravity separator design. Instead of just building a larger model of our existing product line, we have constructed an entirely new series which is more adaptable to a variety of plant designs, more efficient and easier to operate than any previous separator. We have tried to incorporate all of the most wanted features ever requested into this machine. We are convinced that there is no better machine available anywhere at any price.

Like the popular Oliver Hi Cap gravity separators, the new Maxi-Cap gravity separators are available in a variety of configurations to suit every conditioning application. Our engineering expertise is at your disposal so that no matter what dry granular product you wish to separate; if it can be done by specific gravity, we can supply the machine to do it. Whether you wish to reclaim precious metals or grade food products, we have the experience to help you do the job you want done. If your separation is out of the ordinary, we invite you to take advantage of our free laboratory service. We have both laboratory size equipment as well as full size production equipment so we can give you the answers you need. Please feel free to contact us for the details as to how we can serve you.

Technical information -

Capacities - A gravity separator's capacity is a function of the difference in specific gravities as well as the particle size of the commodities to be separated. Capacities shown below represent typical production where a 10% difference in specific gravity exists. Extremely close separations, where less than a 1% difference in specific gravity exists, are possible but capacity will drop to as little as 1/3 the listed amount.

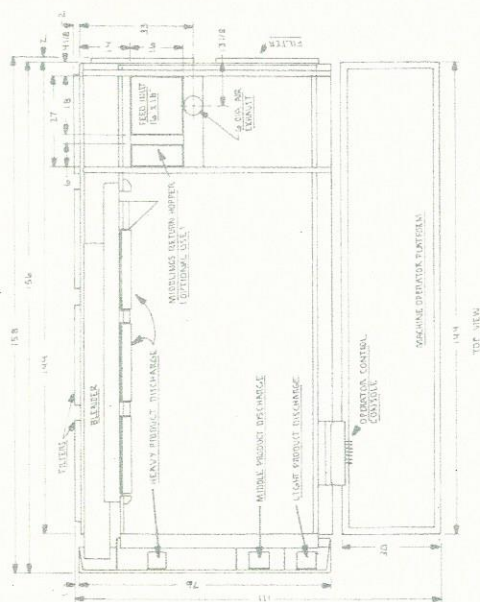
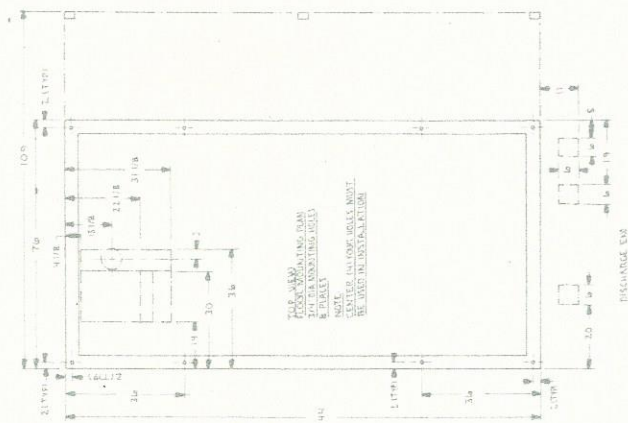
The following estimates are furnished as a guide. Due to the wide variation in separation requirements, Oliver Manufacturing Company cannot guarantee capacities. However, these estimates are conservative and can be equalled or exceeded when the Oliver Gravity separators and other associated equipment are installed and operated properly.

(All figures are in pounds per hour)

Maxi-Cap Model	2400	3600	4800
Large Seed Deck (For Beans & Corn) > 1/4" dia. 10 Mesh type A	15,000	24,000	30,000
Medium Seed Deck (For Wheat & Oats) > 1/8" - < 1/4" dia. 16 Mesh type A	10,000	16,000	20,000
Small Seed Deck (For Millet & Sesame) < 1/8" dia. 30 Mesh type B	5,000	8,000	10,000
General Dimensions			
Deck Size -			
Length	120"	144"	180"
Width	48"	60"	72"
Overall Dimensions			
Length	134"	158"	194"
Width	100"	112"	124"
Height	92"	96"	102"
Net Weight -	5,000 lb.	5,800 lb.	7,000 lb.

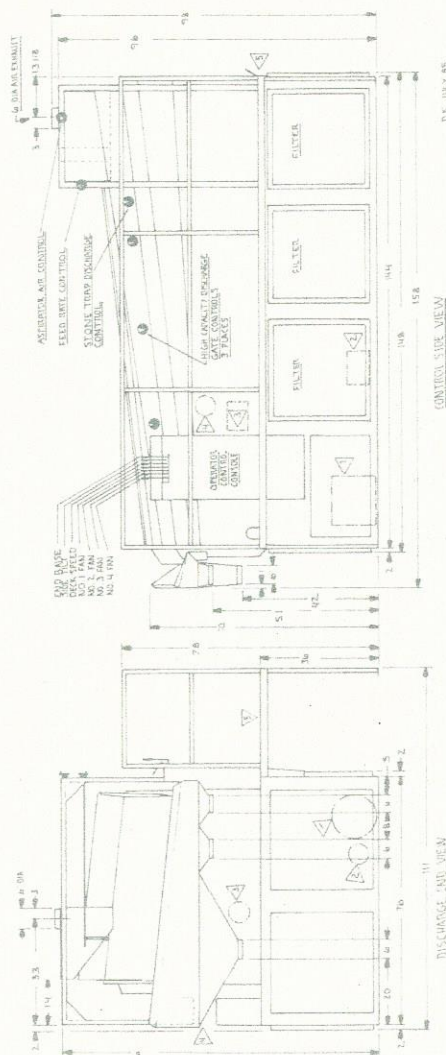
Note - These specifications are general and are subject to change without notice.
If you require more precise information, please contact the factory for a detailed installation drawing.

OLIVER MODEL 3600
GRAVITY SEPARATOR
D H W/FEEDER ASPIRATOR



NOTE:
STANDARD DISCHARGE SPOUTS
ARE 16" X 16" SQUARE

STAIR ASSEMBLY TO OPERATOR'S PLATFORM IS
FURNISHED AND MAY BE INSTALLED AT EITHER
* FROM THE PLATFORM



PROVIDE FLEXIBLE ELECTRICAL CONNECTIONS

FROM THE FOLLOWING

[illegible] $1/2$ OF NEW VARIETIES

DO YOU THINK



D.K. JULY 1985

ROCKY FORD, COLORADO 81067