

# MAXI-CAP™ PLATINUM

*Reliable. Accurate. Efficient.*



This maximum capacity gravity separator raises the bar with its advanced touchscreen accessibility and is ready for the modern world of particle separation. The Oliver Maxi-Cap Platinum series brings the safety, simplicity and efficiency of integrated control to one of the most reliable gravity separators ever made. The advanced touchscreen provides simplified operation, reduce yield losses due to human error, and pinpoint airflow to bring to you the highest quality end product possible.

# Oliver™

Processing for a more productive planet.

# MAXI-CAP™ PLATINUM GRAVITY SEPARATOR

## Features

### Operating Control

- Built-in touchscreen control platform (PLC) provides simple control of airflow, deck, eccentric speed, feed rate, and recipe load and save feature
- Integrated E-STOP circuit for a safe environment
- 4-way joystick control
- Most precise adjustability on the market to fine-tune your separation



### Ease of Use

- Save and recall multiple recipes, such as automatic cleanout, through PLC touchscreen interface
- Separate air system for operation is not required
- Dynamic controls are adjustable while machine is in operation
  - Side tilt • End raise • Airflow • Eccentric speed • Product feed rate



### Reliability

- Oliver has over 85 years' experience in gravity table engineering and manufacturing
- UL and CUL approved electrical cabinets
- Post-purchase training and machine service packages available
- Spare parts are available upon order



### Performance

- Rectangular deck design with custom overcover and undercover allows for maximum product separation time
- Reduced machine setup and cleanout time
- Efficient air zone control from initial stratification through final discharge
- Counterbalanced for smooth operation
- Low noise; 88 dB at operator level



### Configurations, Customizations and Other Options

- Integration with Plant SCADA is available
- Modular deck makes for ease of maintenance and quick change over from product to product and deck to deck
- Platinum Package available (power hydraulics, indicator gauges, process automation, and memory recall for all controls)
- Increase the total tilt of the deck with hydraulic cylinders options
- Options include; discharge hopper, partial or full dust hoods, vibratory feeder, deck options, recipe development, stainless steel contact points for food grade applications, and control packages

# MAXI-CAP™ PLATINUM GRAVITY SEPARATOR

## Specifications

MACHINE MODEL	4800	3600
Height	104" (264cm)	98" (249cm)
Width	123" (312 cm)	111" (282 cm)
Length	216" (549 cm)	180" (457 cm)
Weight	8200 lbs (kg)	6400 lbs (kg)
Deck Area	69" x 178" (145cm x 361cm) (85.25 sq. ft.)	57" x 142" (145cm x 361cm) (56.25 sq. ft.)
WITH DUST HOOD*		
Height	110" (278 cm)	104" (264 cm)
Weight	10,000 lbs (kg)	7,900 lbs (kg)
Amp draw @480/3/60	80 Amps	70 Amps
Amp draw @240/3/60	125 Amps	110 Amps
Fan zones	5	4
Fan control	VFDS	VFDS
Warranty	1 year	1 year

\*Customization may be available.

## Capacity

MACHINE MODEL		4800		3600	
Products	Bulk Density (lbs/bu)	Rated Cap. (lbs/hr)	CFM	Rated Cap. (lbs/hr)	CFM
Corn	56	42,000	28,000	30,000	22,000
Popcorn	56	30,800	28,000	22,000	22,000
Soybeans	60	30,800	28,000	22,000	22,000
Cotton Seed	43	33,600	28,000	24,000	22,000
Peas	60	36,400	28,000	26,000	22,000
Lentils	60	30,800	22,000	22,000	18,000
Wheat	60	30,800	22,000	22,000	18,000
Pinto Beans	60	37,800	28,000	27,000	22,000

Capacities are based on the following assumptions:

1. Machine feed rate
2. Light fraction to be removed is assumed to be 5% or less of total incoming products
3. Vary depending upon the bulk density of the product
4. These capacities are estimates only and products can be tested and confirmed at the Oliver Laboratory

\*For more product capacities please contact us.

**Oliver**

# *Oliver*<sup>TM</sup>

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**Contact Your Oliver Sales Representative Today!**