



Reliable. Accurate. Efficient.

Maxi-Cap™ | Gravity Separator



**Machine pictured included configurable options*

Oliver™

Innovate. Build. Repeat.

Maxi-Cap™ | Gravity Separator

Maxi-Cap™ features:

Operating control

- ▶ Simple and highly-effective hydraulic adjustments
- ▶ Adjustable dual-axis tilt for enhanced quality and capacity
- ▶ Multi-fan system with independent fan dampening control
- ▶ Machine-mounted operator console with platform

Ease of use

- ▶ All adjustments can be made safely while machine is in operation, including: side tilt, end raise, air flow, product feed rate, and eccentric motion speed
- ▶ Separate air system for operation is not required
- ▶ High side material bypass gates for increased capacity
- ▶ Variable Frequency Drive (VFD) control for easy adjustment of deck eccentric speed
- ▶ Intuitive controls for ease of machine operation and tuning

Reliability

- ▶ Over 90 years of experience in gravity table engineering and manufacturing
- ▶ Robust and full frame construction
- ▶ Low maintenance for reduced down time
- ▶ Post-purchase training and machine service packages available
- ▶ Spare parts are available upon order

Performance

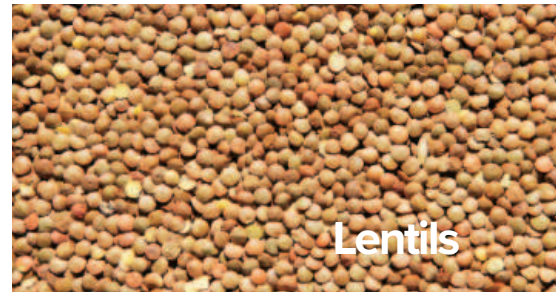
- ▶ Separates larger quantities of product faster and more efficiently
- ▶ Decks are designed and built to product specification with custom overcover and undercover
- ▶ Rectangular deck design allows for maximum product separation
- ▶ Wide range of deck eccentric speed to optimize separation performance
- ▶ Efficient air zone control from initial stratification through final discharge

Configurations

- ▶ UL and CUL electrical cabinets are available for efficient machine installation and wiring
- ▶ Durable coated overcover material, machine setting indicators, Variable Frequency Drives (VFD), vibratory or Accu-Flo feed gate, discharge options, full or partial dust hood, stainless steel available for food grade products, custom catwalks, square-to-round discharge, and other options available
- ▶ Platinum package available (power hydraulics, indicator gauges, process automation, and memory recall for all controls).



Pinto beans



Lentils



Cotton



Soybeans



Peas



Corn/popcorn



Wheat

Own an Oliver today! Call (719) 254-7813.

Specifications

Machine model ▶	3600	4800
Height	98" (249 cm)	104" (264 cm)
Width	111" (282 cm)	123" (312 cm)
Length	156.5" (398 cm)	192.5" (489 cm)
Weight	5,800 lbs (2,630 kg)	7,600 lbs. (3,447 kg)
Deck area	57" x 142" (145 cm x 361 cm)	69" x 178" (173 cm x 448 cm)
With deck hood:		
Height	104" (264 cm)	110" (278 cm)
Weight	7,300 lbs (3,311 kg)	9,400 lbs (4,354 kg)
Amp draw @480/3/60	34 amps	41 amps
Amp draw @240/3/60	68 amps	82 amps
Fan zones	4	5
Fan control	Manually operated hydraulic lever	Manually operated hydraulic lever
Warranty	1 year	1 year



Equipment control



Intuitive adjustments

Capacity

Machine model ▶	3600			4800	
	Bulk (lb.)	lb./hr.	CFM	lb./hr.	CFM
Corn	56	30,000	22,000	42,000	28,000
Cotton seed	43	24,000	22,000	33,600	28,000
Lentils	60	22,000	18,000	30,800	22,000
Peas	60	26,000	22,000	36,400	28,000
Pinto beans	60	27,000	22,000	37,800	28,000
Popcorn	56	22,000	22,000	30,800	28,000
Soybeans	60	22,000	22,000	30,800	28,000
Wheat	60	22,000	18,000	30,800	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.

What else can your Oliver do? Find out at olivermanufacturing.com.



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