

MAXI-CAP™ GRAVITY SEPARATOR

Reliable. Accurate. Efficient.



The largest capacity gravity separator in the Oliver equipment line removes impurities by density with outstanding efficiency. This legendary and robust gravity separator will add value to any dry granulated product with decades of reliable and predictable service. Multiple fan zones allow for efficient control of product flow while the decks are designed and built to optimally perform for your specific product. This series is designed for quicker installation, easier operation and increased longevity. Add value to your products with the all-time leader in customer satisfaction.

Oliver™

Processing for a more productive planet.

MAXI-CAP™ GRAVITY SEPARATOR

Features

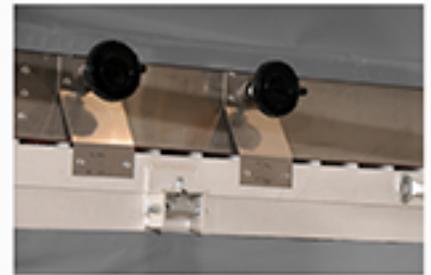
Operating Control

- 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
 - Side tilt • End Raise • Air flow • Product feed rate • 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

- Oliver has over 85 years' 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 your product specifications with custom overcover and undercover
- Rectangular deck design allows for maximum product separation time
- Wide range of deck eccentric speed to optimize separation performance
- Efficient air zone control from initial stratification through final discharge

Configurations, Customizations and Other Options

- 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)

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Specifications

MACHINE MODEL	4800	3600
Height	104" (264cm)	98" (249cm)
Width	123" (312 cm)	111" (282 cm)
Length	192.5" (489 cm)	156.5" (398cm)
Weight	7600 lbs. (3447 kg)	5800 lbs. (2630 kg)
Deck Area	69" x 178" (145cm x 361cm)	57" x 142" (145cm x 361cm)
WITH DUST HOOD		
Height	110" (278 cm)	104" (264 cm)
Weight	9400 lbs. (4354 kg)	7300 lbs. (3311 kg)
Amp draw @480/3/60	41 Amps	34 Amps
Amp draw @240/3/60	82 Amps	68 Amps
Fan zones	5	4
Fan control	Manually operated hydraulic lever	Manually operated hydraulic lever
Warranty	1 year	1 year

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.

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Contact Your Oliver Sales Representative Today!