

MAXI-CAP DESTONER

Reliable. Accurate. Efficient.



- Machine pictured includes configurable options.



This maximum capacity destoner purifies your product by separating heavy materials such as glass, dirt, stones and metals from larger quantities of lighter material. Add value on a variety of products with the most precise destoner on the market – Oliver's legendary Maxi-Cap Destoner.

Oliver™

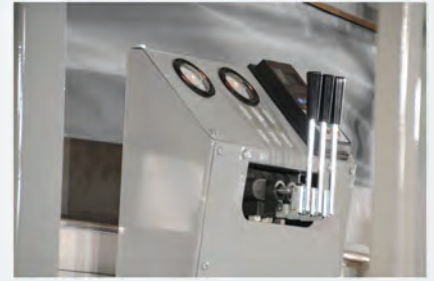
Innovate. Build. Repeat.

MAXI-CAP DESTONER

Features

Operating Control

- Simple and highly effective adjustments
- Intuitive hydraulic controls for air and tilt
- Built-in fan system with dampening control
- Independent gauges for tilt, feed flow, air flow pressure, and eccentric speed



Ease of Use

- All adjustments can be made safely while machine is in operation
 - Deck tilt • Air flow • Product feed rate • Eccentric speed
- Separate air system for operation is not required
- Adjustable heavy discharge gate(s)
- Variable Frequency Drive (VFD) control for easy adjustment of deck eccentric speed



Reliability

- Oliver has over 85 years' experience in density separation
- 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

- Efficient separation of heavy fraction
- Wide range of deck eccentric speed to optimize separation performance
- Efficient air control with multi-fan system for optimized separation quality
- Counterbalanced for smooth operation
- Decks are designed and built to your product specifications with custom overcover and undercover



Configurations, Customizations and Other Options

- UL and CUL electrical cabinets are available for efficient machine installation and wiring
- Durable coated overcover material, Accu-Flo feed gate, dust hood, stainless steel available for food grade products, aspirating feeder, square-to-round discharge and other options available
- Platinum Package available (touchscreen controls, indicator gauges, process automation, and memory recall for all controls)

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Specifications

| MACHINE MODEL | 1205 | 905 | 605 | 305 |
|------------------------|-----------------|-----------------|-----------------|-----------------|
| Height | 92" (234 cm) | 92" (234 cm) | 92" (234 cm) | 92" (234 cm) |
| Width | 184" (467 cm) | 148" (376 cm) | 112" (285 cm) | 76" (193 cm) |
| Length | 108" (274 cm) | 108" (274 cm) | 112" (285 cm) | 108" (274 cm) |
| Weight | 5800 lbs | 4800 lbs | 3800 lbs | 2800 lbs |
| Deck Area | 118" x 60" | 96" X 60" | 65" X 60" | 32" X 60" |
| WITH DUST HOOD* | | | | |
| Height | 94" (239 cm) | 94" (239 cm) | 94" (239 cm) | 94" (239 cm) |
| Weight | 6400 lbs | 5300 lbs | 4300 lbs | 3300 lbs |
| Amp draw @480/3/60 | 32 Amps | 26 Amps | 19 Amps | 12 Amps |
| Amp draw @240/3/60 | 64 Amps | 52 Amps | 38 Amps | 24 Amps |
| Fan zones | 4 | 3 | 2 | 1 |
| Fan control | manual air gate | manual air gate | manual air gate | manual air gate |
| Warranty | 1 year | 1 year | 1 year | 1 year |

*Customization may be available.

Capacity

| MACHINE MODEL | 1205 | | 905 | | 605 | | 305 | | |
|---------------|--------------------------|------------------------|--------|------------------------|--------|------------------------|--------|------------------------|-------|
| | Bulk Density (lbs/bu) | Rated Cap. (lbs/hr) | CFM | Rated Cap. (lbs/hr) | CFM | Rated Cap. (lbs/hr) | CFM | Rated Cap. (lbs/hr) | CFM |
| Corn | 56 | 45,600 | 25,000 | 33,600 | 17,000 | 22,800 | 10,000 | 12,000 | 4,200 |
| Popcorn | 56 | 38,000 | 25,000 | 28,000 | 17,000 | 19,000 | 10,000 | 10,000 | 4,200 |
| Soybeans | 60 | 47,500 | 25,000 | 35,000 | 17,000 | 23,750 | 10,000 | 12,500 | 4,200 |
| Peas | 60 | 38,000 | 25,000 | 28,000 | 17,000 | 19,000 | 10,000 | 10,000 | 4,200 |
| Lentils | 60 | 38,000 | 25,000 | 28,000 | 17,000 | 19,000 | 10,000 | 10,000 | 4,200 |
| Pinto Beans | 60 | 38,000 | 25,000 | 28,000 | 17,000 | 19,000 | 10,000 | 10,000 | 4,200 |
| Garbonzo | 63 | 38,000 | 25,000 | 28,000 | 17,000 | 19,000 | 10,000 | 10,000 | 4,200 |
| Red Kidney | 58 | 38,000 | 25,000 | 28,000 | 17,000 | 19,000 | 10,000 | 10,000 | 4,200 |

Capacities are based on the following assumptions:

1. Machine feed rate
2. Heavy 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
5. Capacities may change based on soil and size range.

*For more product capacities please contact us.

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Contact Your Oliver Sales Representative Today!

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