

# 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™

Processing for a more productive planet.

# 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)

# MAXI-CAP DESTONER

## 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	
Products	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.