

# HI-CAP DESTONER

*Reliable. Accurate. Efficient.*



- Machine pictured includes configurable options.



Purify your product by separating heavy materials such as glass, dirt, stones and metals from larger quantities of lighter material. Oliver's legendary Hi-Cap Destoner is designed and constructed to deliver decades of reliable and predictable service. Add value on a variety of products with the Oliver Hi-Cap Destoner.

# Oliver™

Processing for a more productive planet.

# HI-CAP DESTONER

## Features

### Operating Control

- Simple and highly effective adjustments
- Intuitive manual controls
- Adjustable tilt for enhanced quality
- 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
- Spring loaded 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
- 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 for optimized separation quality
- 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
- Square to round discharge hopper transition for gentle product handling and easier hookups\*
- Aspirating feeder removes fine particles and keeps air clean\*
- Counterbalanced for smooth operation\*, durable coated overcover material, machine setting indicators\*, VFD\*, Accu-Flo feed gate, dust hood, stainless steel available for food grade products, and other custom configurations available

# HI-CAP DESTONER

## Specifications

MACHINE MODEL	6048	4848	3648	2448
Height	65" (165 cm)	65" (165 cm)	65" (165 cm)	65" (165 cm)
Width	77" (196 cm)	65" (165 cm)	53" (135 cm)	41" (104 cm)
Length	71" (180 cm)	71" (180 cm)	71" (180 cm)	71" (180 cm)
Weight	1,700 lbs	1,300 lbs	1,200 lbs	960 lbs
Deck Area	50" x 48"	38" X 48"	26" X 48"	14" X 48"
WITH DUST HOOD				
Height	72" (183 cm)	72" (183 cm)	72" (183 cm)	72" (183 cm)
Weight	2,200 lbs	1,700 lbs	1,500 lbs	1,250 lbs
Amp draw @480/3/60	14 Amps	10 Amps	10 Amps	7 Amps
Amp draw @240/3/60	28 Amps	20 Amps	20 Amps	14 Amps
Fan zones	3	2	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

## Capacity

MACHINE MODEL		6048		4848		3648		2448	
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	15,000	7,000	10,000	5,500	5,000	4,500	2,500	2,500
Popcorn	56	12,000	7,000	8,000	5,500	4,000	4,500	2,000	2,500
Soybeans	60	15,000	7,000	10,000	5,500	5,000	4,500	2,500	2,500
Peas	43	12,000	7,000	8,000	5,500	4,000	4,500	2,000	2,500
Lentils	60	12,000	7,000	8,000	5,500	4,000	4,500	2,000	2,500
Pinto Beans	60	12,000	7,000	8,000	5,500	4,000	4,500	2,000	2,500
Garbonzo	60	12,000	7,000	8,000	5,500	4,000	4,500	2,000	2,500
Red Kidney	60	12,000	7,000	8,000	5,500	4,000	4,500	2,000	2,500

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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