

Controlled Air Design  
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[controlledairdesign.com](http://controlledairdesign.com)



### Characteristics



Forklift  
Ready



Wet and Dry  
Recovery



- Pneumatic (air-operated) industrial vacuum system with Self-Dumping Overturning Hopper (SDOH) for the recovery of large quantities of metal chips mixed with some oil/coolant
- The single or twin venturi powerhead with 6 mm air jets is mounted directly on the hopper
- The internal volume of the hopper is 52 gal. (200L). A screen inside the hopper separates the upper part from the lower part. It can recover 26 gal. (100L) of metal chips and 26 gal. (100L) of oil/coolant
- The metal chips are separated from the oil inside the hopper. The metal chips are recovered in the upper part of the hopper and the oil is deposited at the bottom of the hopper. The screen can be removed and 52 gal. (200L) of chips can be recovered
- The oil is emptied using the 1" drain valve
- The Recovered metal chips are easily emptied using a forklift to lift and dump the contents of the hopper. There is no manual lifting required. The manually operated dumping mechanism is easy to use
- Four 5" (125 mm) wheels, allow for maximum maneuverability
- A washable main cloth filter is installed upstream from the venturi

## Specifications

CS-300L (SDOH) SERIES	112610	112612
<b>Model Name</b>	CS-300L (SDOH) SINGLE VENTURI	CS-300L (SDOH) TWIN VENTURI
<b>Type (Powerhead)</b>	Pneumatic	Pneumatic
<b>Venturi</b>	Single	Twin
<b>Venturi (diam.)</b>	6 mm	6 mm
<b>Minimum Compressor</b>	15 HP	30 HP
<b>Air Line Size (Diam.)</b>	1/2 "	3/4 "
<b>Input Air Volume</b>	45 CFM	100 CFM
<b>Input Air Pressure</b>	80 PSI	100 PSI
<b>Air Flow</b>	120 CFM	195 CFM
<b>Vacuum Pressure</b>	170 " H <sub>2</sub> O	230 " H <sub>2</sub> O
<b>Suction Inlet</b>	90 mm	90 mm
<b>Cart Type</b>	Carriage Base (CB)	Carriage Base (CB)
<b>Recovery Tank Capacity</b>	52 gal.	52 gal.
<b>Length</b>	43 "	43 "
<b>Width</b>	37 "	37 "
<b>Height</b>	51 "	51 "
<b>Weight (Vacuum Only)</b>	360 lb.	370 lb.

Please note that specifications are subject to change without notice

### Use only recommended tools & accessories



Ø1" (Ø25.4 mm) Manual Drain Valve - Included



Self-Dumping Overturning Hopper (SDOH) - Included



Liquid Level Indicator - Included



CS-300L (SDOH) TWIN VENTURI



CS-300L (SDOH) Cut-Out