

# Handlair®

Pneumatic Conveying Equipment

**560 / 566**

PTO / Diesel / Electric

**680**

PTO / Diesel / Electric



Your Factory Authorized Distributor

 **Christianson**  
® Pneumatic Conveying Equipment

20421- 15th Street SE PO Box 138

Blomkest, Minnesota 56216

Toll Free 1-800-328-8896 • Phone 1-320-995-6141

e-mail: [sales@christianson.com](mailto:sales@christianson.com)

[www.christianson.com](http://www.christianson.com)



Handlair machines have a 360° swivel intake cyclone with a camlock coupler, abrasion resistant steel cyclone barrel and a stainless steel backup screen.

The Air Filtration System (AFS) with a full port dump door removes abrasive or sticky dust from the air stream to the blower.



The high pressure positive displacement blower and patented silencer provide increased vacuum capabilities and quiet operation.



A quick coupled lower TLK elbow is standard on the Handlair Model 560 & 566. This makes it easy to disconnect the TLK cyclone when blowing directly into bins or flat storage.



The blow-through airlock is self-cleaning with adjustable tips and endplates for increased performance and longevity. The remote hydraulic airlock valve provides forward / off / reverse airlock control.



The frame is designed with an offset hitch allowing plenty of truck clearance when using a tractor with duals.

Direct smooth power transmission is provided by the gearbox drive, eliminating side load to the blower.



# Handlair

Pneumatic Conveying



360° swivel discharge cyclone for loading from side, corner, or rear.

# 560

# 566

# 680

New to the Handlair family of grain vacs, the Model 680 features a larger blower, airlock and discharge cyclone.

An easy to convert machine inlet is also standard on the 680. Based on the conveying application, the transition from 6" to 8" intake pipe will help optimize conveying capacities.

Transferring grain faster and more efficiently makes the Model 680 an excellent choice for custom operators, large farmers, elevators and seed companies.

• Handle All Types Of Grain & Seed • Versatile • Efficient • Dust-Free

# Handlair®

Equipment

The Handlair Grain Vac is a leader in the pneumatic conveying industry with over 40 years of experience. Manufactured in America's Heartland, we combine high quality materials and good work ethic to create dependable equipment that will get the job done. The Handlair grain vac has both vacuum and pressure capabilities to fill and unload trucks, bins, silos, bunkers, and flat storage facilities. With three sizes available in PTO, diesel, or electric power, the owner can tailor a machine to match the particular farm or elevator operation. Whether you are a small farming operation or a large commercial operator, we have a grain vac for you!

***Minimize grain damage, move it on a cushion of air!***



\*Shown with an extended hydraulic truck loading kit.



**Christianson**  
Pneumatic Conveying Equipment  
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[www.christianson.com](http://www.christianson.com)

**• Clean Up • Fill & Unload Bins, Silos, Bunkers and Flat Storage •**

# Handlair®

Pneumatic Conveying Equipment



## Available Models

PTO, Diesel or Electric

**560** 1000 RPM, 100 HP with 5" line  
2500 to 3500 bu/hr

**566** 1000 RPM, 105 HP with 6" line  
3000 to 4000 bu/hr

**680** 1000 RPM, 150 HP with 6" line  
3700 to 5000 bu/hr



## Handlair Model 560 / 566 / 680 Capacity Chart

| Model | Line Size   | Distance          | Oats              | Corn               | Wheat              | Soybeans           |
|-------|-------------|-------------------|-------------------|--------------------|--------------------|--------------------|
| HA560 | 5" (127 mm) | 10 feet (3 m)     | 4000/5000 (58/73) | 3000/3600 (76/91)  | 2800/3600 (76/92)  | 2600/3300 (70/90)  |
| HA560 | 5" (127 mm) | 40 feet (12.2 m)  | 3500/4500 (51/65) | 2600/3600 (66/78)  | 2300/3000 (62/81)  | 2000/2700 (54/73)  |
| HA560 | 5" (127 mm) | 80 feet (24.4 m)  | 3000/4000 (43/58) | 2100/2700 (53/68)  | 1800/2500 (49/68)  | 1400/2200 (38/60)  |
| HA560 | 5" (127 mm) | 120 feet (36.6 m) | 2500/3500 (36/51) | 1400/2100 (35/53)  | 1000/2000 (30/54)  | 900/1600 (24/43)   |
| HA566 | 6" (152 mm) | 10 feet (3 m)     | 4300/5300 (62/77) | 3200/4200 (81/107) | 3000/4000 (82/108) | 2800/3800 (76/103) |
| HA566 | 6" (152 mm) | 40 feet (12.2 m)  | 3700/4700 (54/68) | 2700/3700 (69/94)  | 2300/3300 (62/90)  | 2200/3200 (60/87)  |
| HA680 | 6" (152 mm) | 10 feet (3 m)     | 4500/5500 (65/80) | 3500/4500 (89/114) | 3300/4300 (90/117) | 3100/4100 (84/112) |
| HA680 | 6" (152 mm) | 40 feet (12.2 m)  | 4000/5000 (58/73) | 3000/4000 (76/101) | 2600/3600 (70/98)  | 2500/3500 (68/95)  |
| HA680 | 6" (152 mm) | 80 feet (24.4 m)  | 3500/4500 (51/65) | 2500/3500 (63/89)  | 2000/3000 (54/81)  | 1800/2900 (51/78)  |
| HA680 | 6" (152 mm) | 120 feet (36.6 m) | 3000/4000 (43/58) | 2000/3000 (50/76)  | 1400/2400 (38/65)  | 1300/2300 (35/62)  |

Conveying capacities are approximate and will vary depending upon altitude, pipe set-up, kind and condition of grain, moisture, machine options and temperature. Rates are shown using various lengths of piping shown in feet (meters), and loading out through the truck loading kit. Rates are shown in bushels per hour (metric tons per hour).

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