

# ***CHAMPION VACUUM TRANSPORT***

## ***MODULAR CONVEYING SOLUTIONS***

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### **Operation Instructions and Technical Information Guide**



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**Illustrations in this guide are for reference only and may depict optional features that are available at additional costs.**

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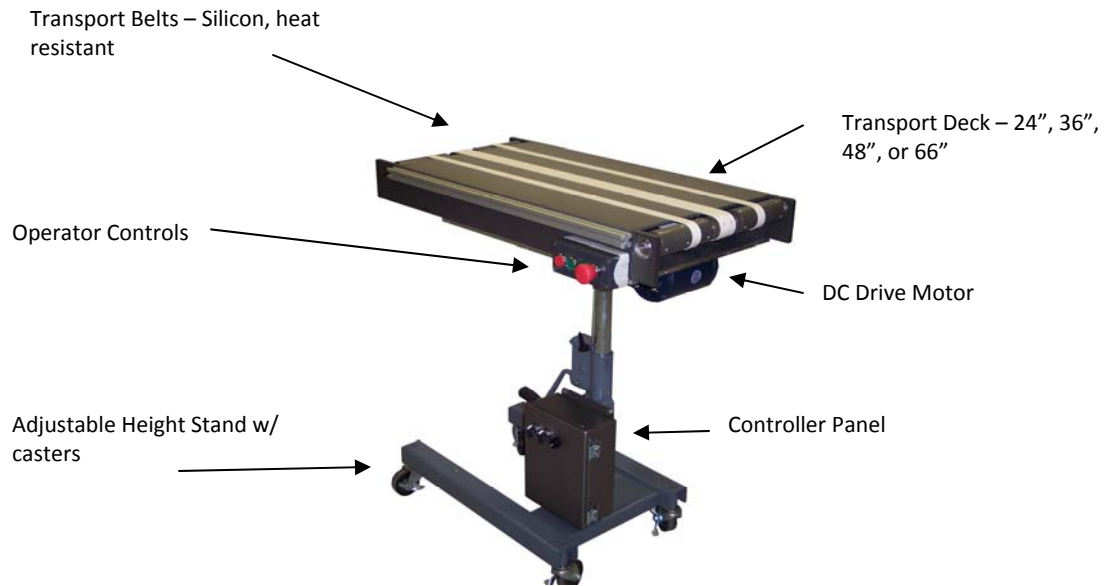
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## Section 1: Machine Overview & Specifications



Not Pictured:

- R1 Blower Assembly
- Side Guide Infeed Assembly

## **Section 2:            Operation and Adjustments**

### **Power Up**

To power up the vacuum transport, set the “Power On/Off” switch (located on the controller panel) to the “On” position. The green “On” lamp located on operator controls panel should be lit. If it is not lit, make sure the E-Stop button next to it is in the pulled out position.

### **Starting / Stopping the Vacuum Transport**

To start the transport belts, set the speed control (located on the controller panel) fully CCW and then press the green start button. To adjust the speed, turn the speed control dial CW to increase speed. To stop the transport belts, press the red stop button.

In the event of an emergency, press the E-Stop button to immediately stop the system. You will need to pull the E-Stop button to the out position in order to restart the transport.

### **Vacuum**

The Champion Vacuum Transports have a regenerative blower assembly as an option.

If your unit is equipped with a regenerative vacuum blower, follow the next set of instructions.

To turn the vacuum on, simply move the Vacuum Off/On switch (located on the controller panel) to the “On” position.

An inline flow valve is standard and allows you to control the amount of vacuum in the chamber. The valve is a ¼ turn – shutoff.

**Section 3: Components 24", 36", 48", 66"**

<b>Part Number</b>	<b>Description</b>	<b>Model</b>
105031	RC034 3/4" ID Bearing w/ set collar 8703 (7612DLGTN)	All
103009A	Belt Guide Block 1.625	All
103020	Spacer, belt guide 92320A469	
103028	DC Drive Motor 3/4HP (S/N – 1007107 +)	All
105025	DC Drive Board Controller (S/N 1007107 +)	All*
Serial #'s 1007102 thru 1007106	AC MOTOR 100027 Leeson 1/4HP S56frame 1725rpm 220/3	
Serial #'s 1007102 thru 1007106	AC DRIVE VFD01-D230AC Minarik AC motor Control	
105022	RC026 6086K113 3/4 bore JA Bushing drive shaft	All
105023	RC027 6495K211 Pulley 1/2 wide, JA type 18	All
103001	20L050, 20T timing pulley, JA type 20	24",36"
103035	270L050 Timing Belt 24 & 36" VT	24",36"
103036	510L050 Timing Belt 48" & 66" VT	48", 66"
103026	2" x 51.28" White Silicon Belt, Punched Holes	24"
103027	1.375" x 51.28" White Silicon Belt, No Holes	24"
103011	2" x 75" White Silicon Belt, Punched Holes	36"
103012	1.375" x 75" White Silicon Belt, No Holes	36"
103018	2" x 99" White Silicon Belt, Punched Holes	48"
103019	1.375" x 99" White Silicon Belt, No Holes	48"
103043	2" x 133" White Silicon Belt, Punched Holes	66"
103044	1.375" x 133" White Silicon Belt, No Holes	66"
103017	½" ID Braided Hose, 4' length	All
103031	Spacer, Idler Tensioner 92415A111	All
103037	HL-BC-011 Threaded Tensioner Block	All

**Section 4:           Wiring and Electrical Detail**

See enclosed technical documents

## WARRANTY:

### ***SUPERIOR – PHS LIMITED WARRANTY***

Superior Paper Handling Solutions, Inc. (Superior – PHS) warrants this product to be free from defects in materials and workmanship, when used under recommended operating conditions, for a period of one year from the date of original shipment.

If you discover a defect during the warranty period, please notify the distributor from whom you purchased this product, who will arrange for the replacement parts to be sent to you. Defective parts must be returned to Superior – PHS for credit on replacement parts. Shipping and labor costs are not included in this warranty. If the defect is not field-repairable, and if you return it to Superior – PHS during the warranty period, Superior – PHS will, at its sole option, repair or replace this product, at no charge to you other than shipping charges to and from the facility in Minneapolis, Minnesota.

If you return this product to Superior – PHS for warranty repair or replacement, please attach to the returned product your name and your company's name, address, telephone number and fax number; a description of the problem; and a copy of the bill of sale or invoice that shows the appropriate serial number for the product. All returns must be accompanied by an authorized Superior – PHS Returned Goods Authorization (RGA) number. An authorized RGA number can be obtained from the Superior - PHS distributor from whom you purchased this product.

This warranty applies only to products manufactured by Superior - PHS. This warranty does not apply if the product has been damaged by accident, abuse, misuse, neglect, improper maintenance, misapplication, or as a result of being attached to equipment not supplied by Superior - PHS; if the product has been modified without the written permission of Superior - PHS; or if the product's serial number has been removed or defaced. This warranty further does not apply to the failure of any rubber-based or consumable components including, but not limited to, rollers, bearings, belts, fuses, or bulbs.

**ALL IMPLIED WARRANTIES INCLUDING WITHOUT LIMITATION THE IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE AND THE IMPLIED WARRANTY OF MERCHANTABILITY ARE HEREBY DISCLAIMED.**

Superior - PHS is not responsible for special, incidental, or consequential damages resulting from any breach of warranty or under any other legal theory, including lost profits, downtime, goodwill, or damage to or replacement of equipment or property.

This warranty and the remedies set forth above are exclusive and are in lieu of all others, oral or written, express or implied. There are no warranties that extend beyond the description on the face hereof. No Superior - PHS employee, distributor, or agent is authorized to make any modification, extension, or addition to this warranty.