

CHAMPION REGISTRATION TRANSPORT
MODULAR CONVEYING SOLUTIONS

**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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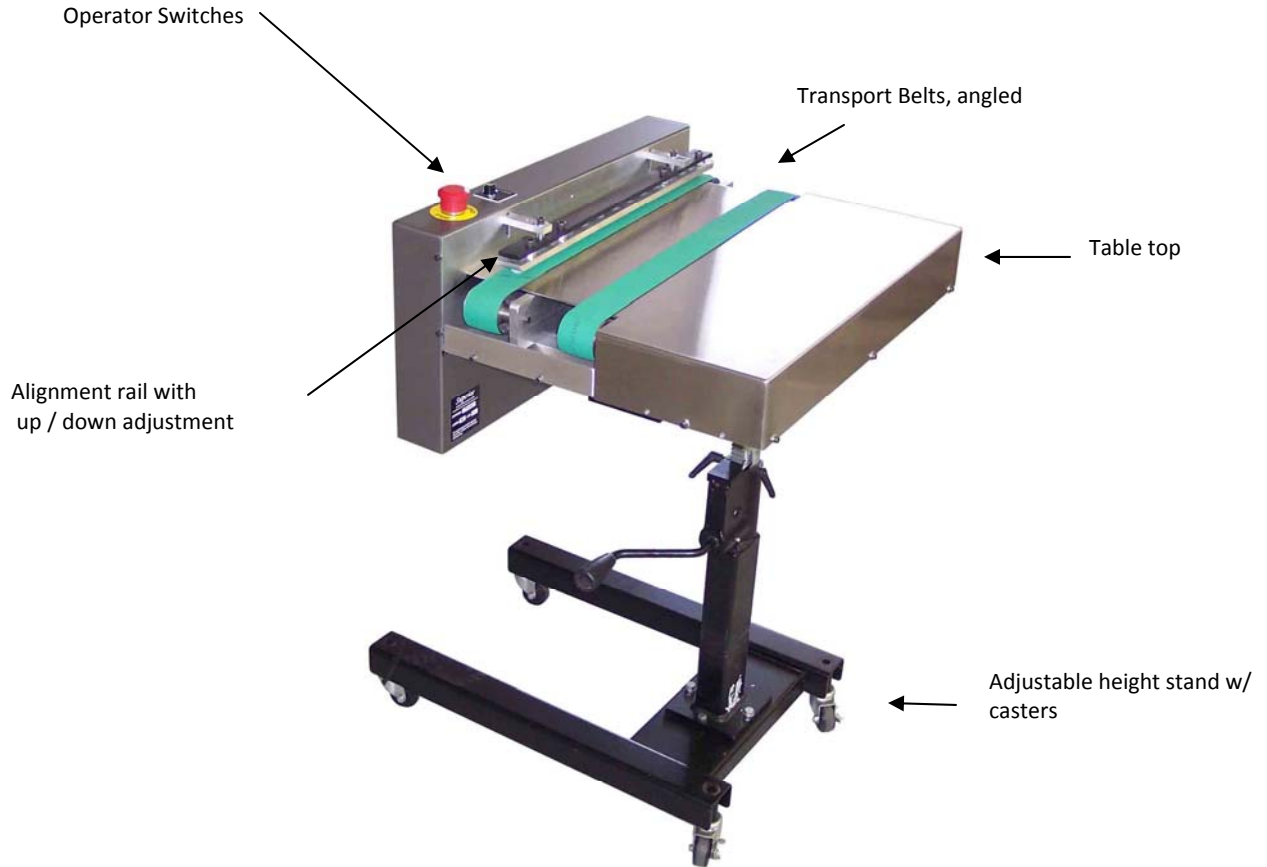
Superior
PAPER HANDLING SOLUTIONS

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Section 1: Machine Overview & Specifications

Overview



Specifications

Material Size:	Min. – 3"W x 4"L	Max. – 17"W x 11"L
Material Thickness:	Min. - .007"	Max. - .375"
Utilities:	115vac, 5 Amp, 60 Hz	
Controls:	On/off-Estop, Run/Pause, and Variable Speed	
Height:	Adjustable, 32" to 42"	

Section 2: Operation and Adjustments

Operation:

Before applying power, set the run/pause switch to the “pause” position, set the speed control knob fully CCW, and make sure the red mushroom switch is in the “up” position. Once power has been applied, move the run/pause switch into the “run” position and slowly increase the speed control setting by turning the dial CW to the desired speed.

Set up:

Set the height of the alignment rail so that there is a slight drag of the product when inserted under the alignment balls.

Note: The outside belt is adjustable.

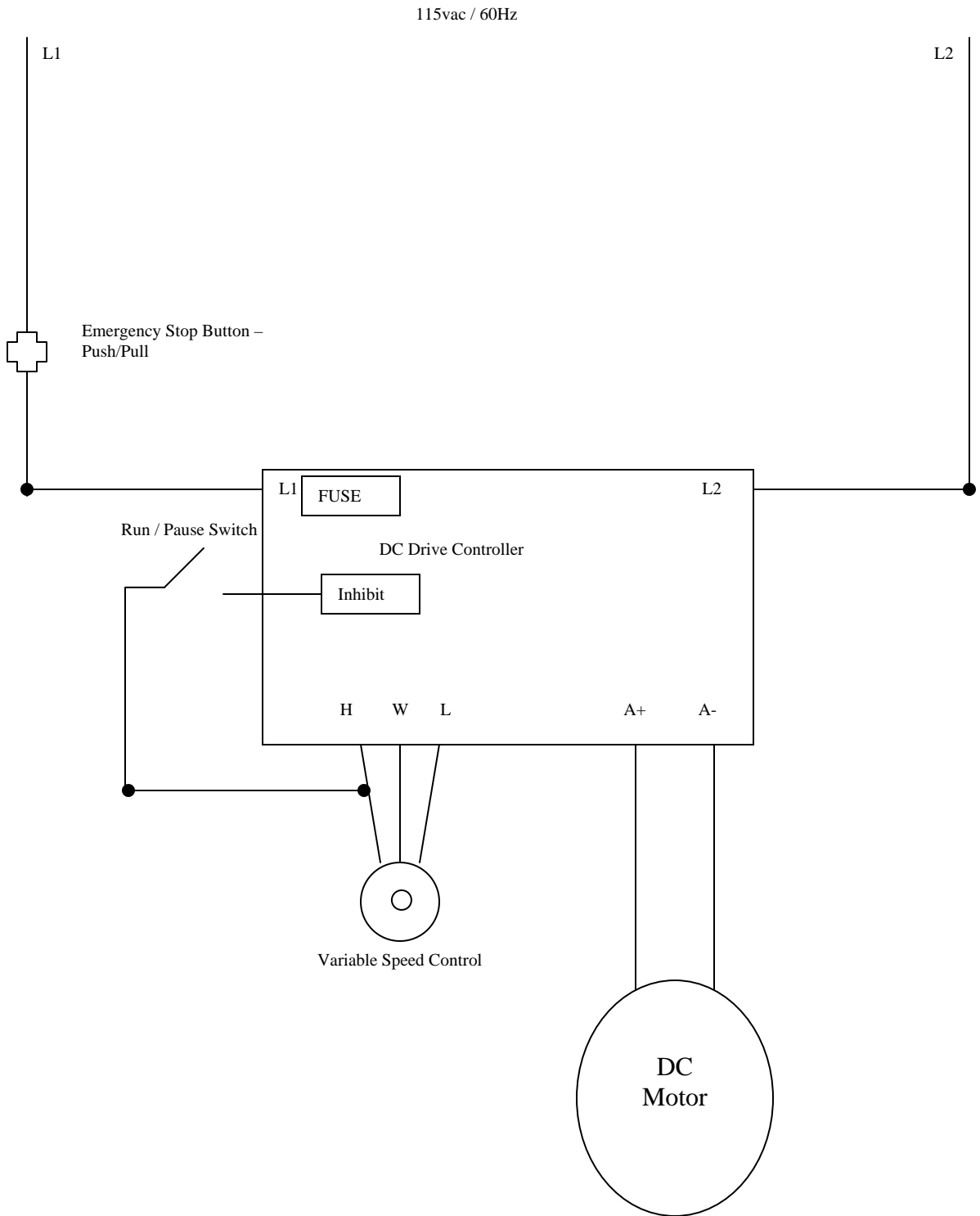
This adjustment should only be performed by a qualified machine technician.

First, remove the table top from the machine. Second, loosen the belt tensioner pulley and slip the belt off the pulleys. Next, loosen the set screws of all pulleys and reposition on each shaft to the desired position location. Next, tighten all set screws and slip belt back on to the pulleys. Next retension the tensioner pulley. Finally, replace the table top.

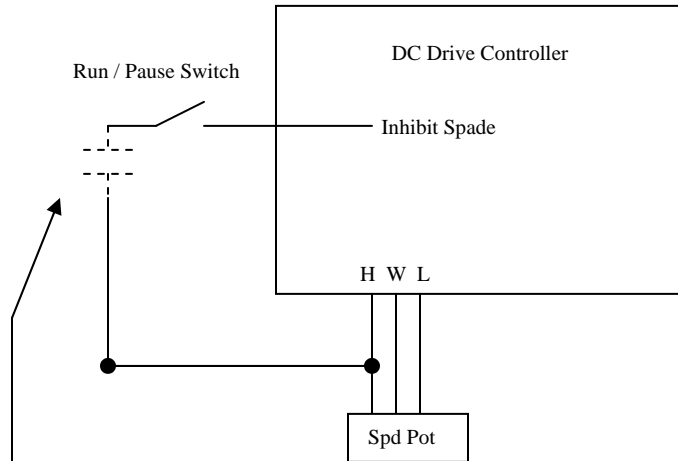
Section 3: Components

Qty	Part Number	Description
1	103028	3/4HP DC Motor
12	105020	Polyethylene Ball, 3/4"
1	105021	JA Bushing, 5/8 bore (motor)
1	105022	JA Bushing, 3/4 bore (drive shaft)
2	105023	18 tooth pulley, 1/2" W JA Bushing Type (motor and drive shaft)
1	105024	Timing Belt 210L050
1	105025	DC Drive Board, includes speed pot
1	105026	Push Pull Operator, Red
1	105027	NC Contact w/ Latch
2	105030	2" x 49" Green Transport Belt
8	105031	3/4 bore Bearing w/ set collar
1	100407	Knob, speed pot
1	105018	Deflector Mount
1	105019	Deflector
1	105029	Run / Pause 2-position Switch
1	105027	NC Contact w/ Latch

Section 4: Wiring and Electrical Detail



Electrical detail – connection to start/stop inhibit circuit



To start and stop the Registration Transport through a host system, a **DRY CONTACT** switch needs to be added in series with the Run / Pause switch.

Note: To avoid damage to the drive, do not apply voltage across the speed pot HIGH and the INHIBIT Spade.

Depending on the host system circuit, the contacts in series with the Run / Pause switch need to be closed for normal run operation.

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.