

CHAMPION FLIGHTED INFEED-2

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

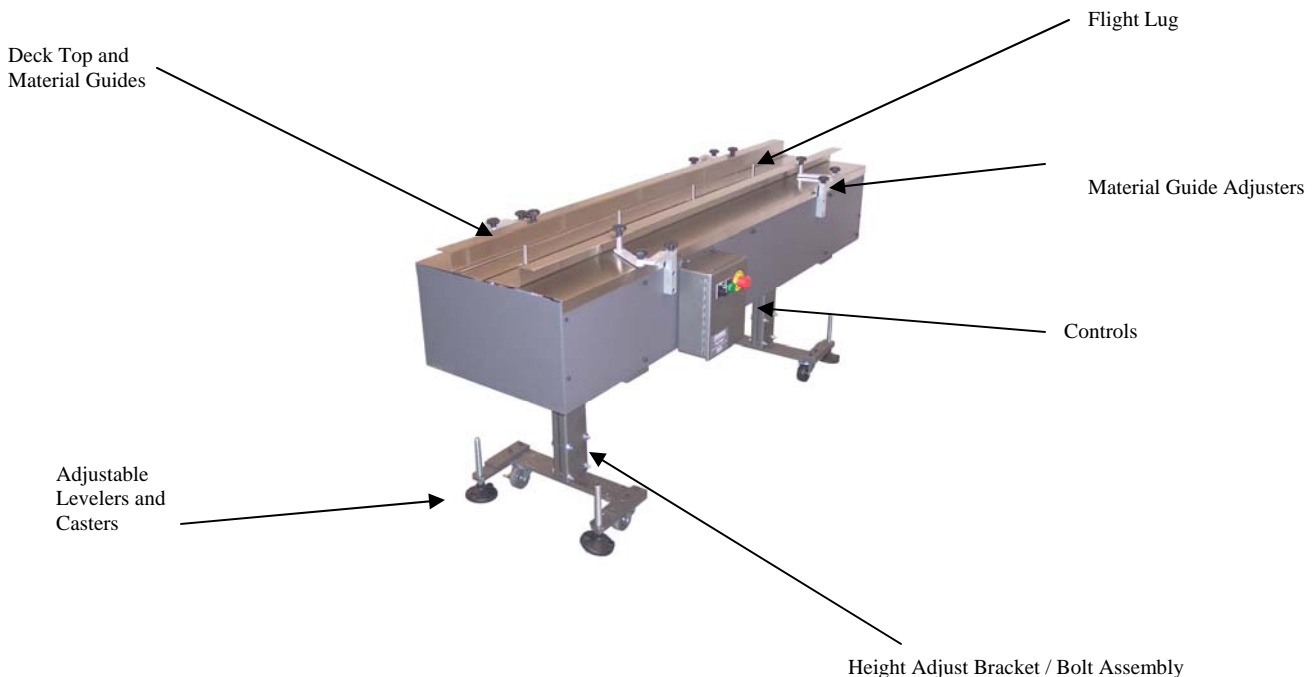
The Flighted Infeed-2 is designed to increase speed and maximize automatic L-sealer production lines while economically simplifying the process of gathering and transporting collated sets of materials.

The flight carriers are driven by a dual-chain that allows the flight pin to advance all the way to the end of the conveyor and disappear vertically. This unique feature allows the material to transfer without disrupting the stack integrity.

Easy-to-adjust material guide rails accommodate a wide variety of product types and thicknesses.

The high-quality robust design of the Flighted Infeed-2 will provide long, durable, and reliable operation, requiring little maintenance.

Material Size:	Minimum...3"W x 3"L Maximum...17"W x 14"L
Flight Centers:	18-inches on center (standard)
Height Adjustable:	Adjustable Legs and Leveling Pads 32-39-inches
Construction:	Painted steel and stainless steel welded frame



Section 2: Operation & Adjustments

OPERATION

The Flighted Infeed-2 operates on standard 115vac and is rated at 5 Amps. Make sure the push/pull Estop switch is pressed in before applying power to the unit. Once the 115vac source has been established, turn the Speed potentiometer fully counter clock wise (lowest setting). Release the Estop button by pulling it out...this will apply power to the controls. Press the green start button (light will illuminate on button). Now you are ready to adjust the speed. Simply turn the Speed potentiometer clock wise to increase the speed of the Flighted Infeed to the desired speed.

PRODUCT SETUP

Center the product on the conveyor. Adjust the rails to accommodate the product width. Tighten the rail adjusters.

HEIGHT ADJUSTMENT

Macro

This operation will require two people. One to stabilize the conveyor and one to loosen and tighten the screws. To adjust the height of the deck top, simply loosen the nuts/bolts on the Legs (make sure that the conveyor is braced so it does not slam down. Lift the conveyor to the desired height and retighten the nuts/bolts.

Micro

This operation may require two people. Turn the leveling pads counter clockwise to raise the height of the conveyor.

Section 3: Components

Part Number	Item	Qty
101064	TT25BS 3/4 Torque limiter clutch	1
101065	40TTA22-25 SPK Roller torque limiter	1
101066	TT25BU 1/4 Torque limiter bushing	1
101072	D7021-15revA Paper Rail Adjuster	4
100392	10/32 x 3/4 Lobed Knob	4
100946	125DV-C Dart Drive controller, DC Chassis Mount	1
101069	GP7406 Baldor gear motor 1/4HP, 33:1 ratio, 104RPM right angle (6,8,10 & 12' models)	1
100942	846-4062 5A fast acting fuse 250v	1
100951	40mm E-stop push-pull ZB4BT4	1
100950	NC Contact Block w/ Base ZB4BZ102	1
	Illuminated Push Button	1
	120V Lamp	1
	"Run" Relay	1
	664-1654 Speed Pot Knob	1
101014	Flight Lug	8

Note: Quantities listed are for the 6' model and may change for other conveyor lengths

NOTES:

Section 4: Wiring and Electrical Detail

See enclosed technical documents

Section 4: 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.