

MODEL HSS2 HIGH SPEED SORTER



SPECIFY MODEL NUMBER PER EXAMPLE

HSS218-15

HSS2(stroke)-(between frames)

Stroke available in 18", 24", 30" and 36"

Roach High Speed Sorters were designed in response to an increasing demand for high speed distribution equipment. 35 sorts per minute can be economically and accurately sorted with model HSS2.



SPECIFICATIONS

AIR CYLINDER: 2" dia. bore.

LENGTH OF STROKE: 18", 24", 30" and 36" available.

PUSHER PLATE: 30" wide x 6" high x 1/8" aluminum channel.

MAXIMUM CYCLE RATE: 35 cycles/min.

PUSH-OFF CYCLE TIME: 0.8 second ± 0.1 second per cycle.

FRL: Included, w/ 3/8" ports.

COMPRESSED AIR: 0.5 cu. ft./min. at 80 to 100 PSI per cycle.

ENCLOSURE: NEMA 1 houses terminal strip for all wiring connections.

WIRING DIAGRAM: Housed inside of terminal box.

ELECTRICAL CONTROLS: 115 volt, single phase, 60 hertz 50 millisecond pulse signal. Unit also includes following controls: 3-position control switch--(1) auto, (2) off, (3) test; sensor to detect complete push-off cycle; stall timer; signal to stop conveyor if cycle time exceeds time set on stall timer.

MISC. TERMINALS: Provided for wiring to back-up sensors which inhibit diverter action until condition is cleared. Terminals also provided for connecting back-up warning light and buzzer and for connecting a push-off cycle counter.



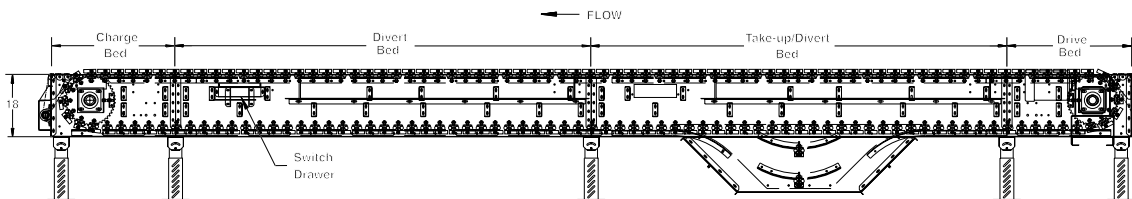
■ 4 week shipment

MODEL FS150 FLITE SORTER



Conveyor shown with optional supports

High rate package sortation up to 150 cartons per minute may be accurately and gently sorted using Roach model FS150, flite sortation conveyor.



SPECIFICATIONS

ROLLERS: Densely located to carry various size unit loads/weights.

FRAME: Heavily constructed 12 ga. for long lasting operation.

DIVERT SHOES: Guided by UHMW wearstrip for smooth, quiet operation.

RATE: 150 cartons/min. maximum.

DRIVE: 1 HP, 230/460/3, 60 cycle, ODP right angle gear motor.

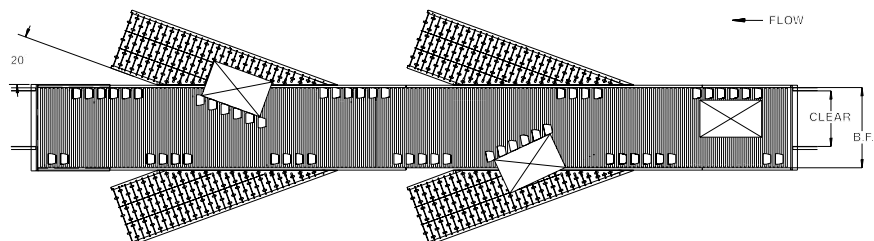
SPEED: Varies with desired rate of flow.

FLOOR SUPPORTS: Supports, knee braces, casters, and polytier supports available. See Conveyor Accessories.

ELECTRICAL CONTROLS: Custom designed for specific application. Consult factory.

PACKAGE SIZE: Minimum length 9"; maximum length 48". Minimum width 1"; maximum width 36".

PACKAGE WEIGHT: Preferred package weight range is 2 to 100 lbs.



■ 12 week shipment