

## Air Operated Chain Transfer

### STANDARD SPECIFICATIONS

- Capacity** - 2,000 lbs. unit load. (Higher capacities available.)
- Chain** - Two strands of #60 high single pitch straight side bar roller chain; min. 10" chain centers.
- Mounting** - Designed to install in standard "251 CRR" frames.
- Speed** - 30 FPM constant.
- Cycles** - Up to 4 cycles per minute.
- Air Requirements** - Min. pressure 60 PSI, max. pressure 125 PSI. Free air consumption @ 60 PSI .035 cu. ft. per cycle.
- Electrical requirements** - 120V, single phase, 60 Hz. Current draw - .07 amps, or 24VDC.
- Motor** - 3/4 HP 230/460-3-60 TEFC motor.
- Electrical Controls** - None furnished as standard.

**INSTALLATION NOTE:** To eliminate contaminants in air supply line, a filter regulator, (FR) should be installed prior to valve.



## Auto-Sort Air Operated Wheel Diverter

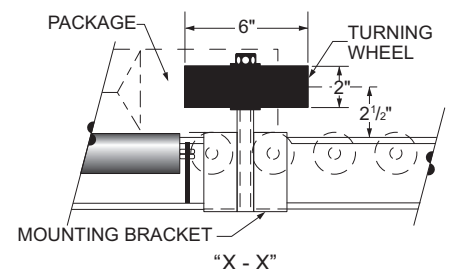
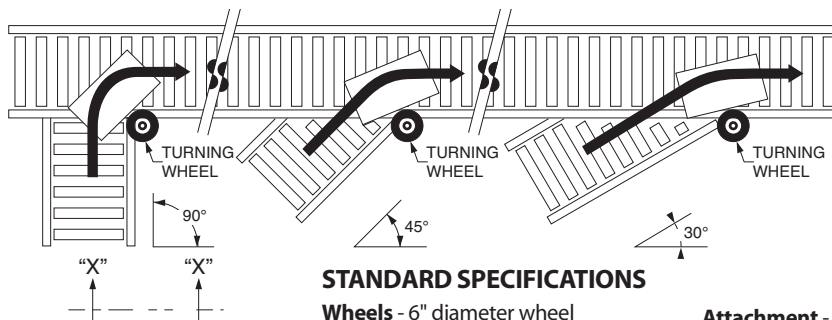
### STANDARD SPECIFICATIONS

- Capacity** - 75 lbs. max. package weight.
- Package Size** - Min. 6" wide x 9" long, max. 25" wide x 36" long.
- Cycles** - Up to 40 times per minute.
- Speeds** - Wheel speed is function of (3 times) conveyor speed. Normally this will be 180 FPM for the wheels, for a 60 FPM standard conveyor speed.
- Mounting** - Mounts in "190LS" conveyor. Being modular in design, it can be located almost anywhere in length of conveyor. Specify right hand or left hand operation.
- Diverting Wheels** - Consists of a double row of 3" diameter wheels spaced proportionately across conveyor width. Driven by high capacity poly belts by it's own drive. May also be slave driven- consult factory.
- Supports** - Minimum elevation 21". Specify height conveyor will be installed.
- Air Cylinder** - 1 1/2" bore x 3" stroke double acting.
- Air Requirements** - Min. pressure 60 PSI, maximum 125 PSI. Free air consumption @ 60 PSI - .018 cu. ft. per cycle.
- Valve** - Double solenoid 4 way valve. 1/8" NPT valve ports.
- Electrical requirements** - 120V, single phase, 60 Hertz, current draw .07



- amps, or 24VDC.
- Motor** - 1/2 HP 230/460-3-60 TE motor.
- Speed Reducer** - Heavy duty worm gear, C-Face.
- Electrical Controls** - Not furnished as standard equipment.
- INSTALLATION NOTE:** To eliminate contaminants in air supply line, a filter regulator, (FR) should be installed prior to valve.

## Turning Wheel



**Attachment** - Brackets for attaching to all conveyors, specify model.