

# Systems Accessories



## Overhead Push-off

The Overhead Push-Off provides high speed automatic product diversion. Product may be diverted 90° onto another conveyor, chute, etc. or changed from one lane to another in parallel lines. Overhead design conserves space next to conveyor.



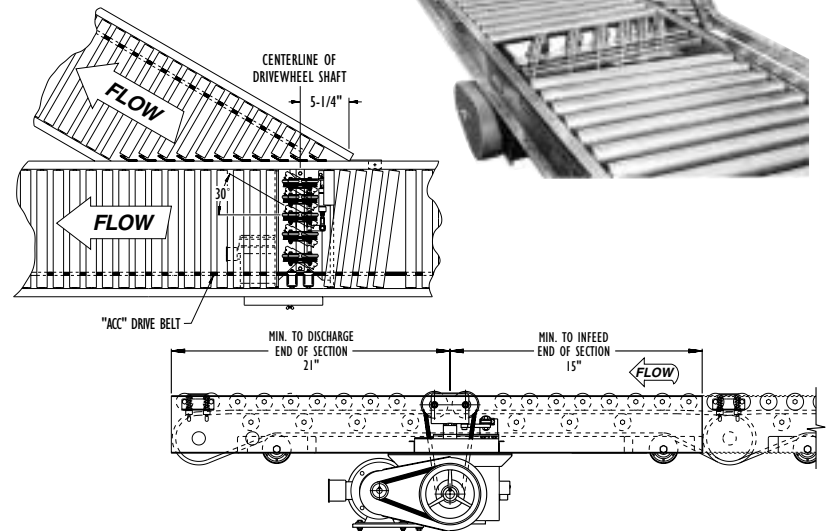
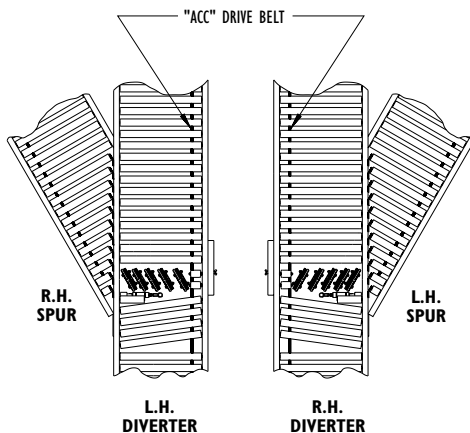
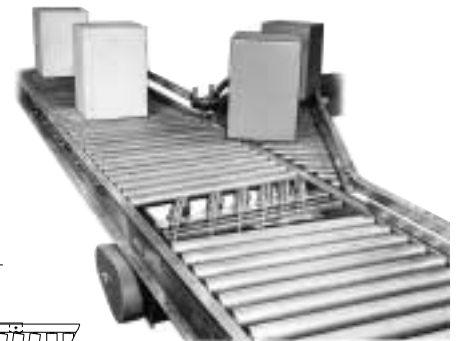
### Standard Specifications

- CAPACITY**—150 lbs. maximum package weight.
- PACKAGE HEIGHT**—Min. 4-1/2 in. (20 in. stroke), 6 in. (30 in. stroke)—max. 24 in.
- CYCLES**—Up to 20 times per minute.
- PUSHER STROKE**—20 in. or 30 in.
- PUSHER FACE**—18 in. long 1.9 in. dia. roller.
- ELECTRICAL CONTROLS**—Not furnished as standard equipment.

- AIR CYLINDER**—2 in. bore double acting.
- AIR VALVE**—Double solenoid 4-way valve, 1/4 in.—20 NPT valve ports. Electrical requirements 120V—1 Ph. 60 Hz., current draw is .09 amps.
- AIR REQUIREMENTS**—Min. pressure 60 P.S.I., max. 125 P.S.I. free air consumption at 60 P.S.I.—.105 cu. ft. per cycle for 20 in. stroke, .176 cu. ft. for 30 in. stroke.
- INSTALLATION NOTE**—To eliminate contaminants in air supply line, a filter, regulator, lubricator (FRL) should be installed prior to valve.

## Single Powered Pivot Diverter

The Powered Pivot Diverter is designed for use with Models 138-ACC & 190-ACC Accumulating Conveyor. Products are automatically diverted onto adjacent 30° spur lines.



### Standard Specifications

- CAPACITY**—75 lbs. maximum package weight.
- PACKAGE SIZE**—Minimum 6 in. wide x 9 in. long, maximum 18 in. wide x 30 in. long. **NOTE: Small packages must not be top heavy.**
- DIVERTER SPEED**—AC Drive 42-420 FPM.
- DIVERTER MECHANISM**—Two rows of 3-1/8 in. dia. wheels with urethane treads driven by 3/8 in. dia. urethane belts.
- MOUNTING**—Complete unit bolts to 138-ACC 13 in. to 22 in. BR only or 190-ACC 13 in. to 39 in. BR, RH or LH diversion 30° spur discharge (spur not included). Minimum elevation 15 in. (138-ACC) or 16 in. (190-ACC). **NOTE: ACC belt must be opposite discharge side. Widths over 22 in. BR contact Factory.**
- CYCLES**—Up to 40 times per minute.

- DRIVE**—1/2 HP motor with AC type variable speed controller. Select 230V—3 Ph. 60 Hz. or 115V—1 Ph. 60 Hz. power.
- AIR CYLINDER**—1-1/4 in. dia. bore x 1 in. stroke, double acting with internal rubber bumpers both ends.
- AIR VALVE**—Single solenoid 4-way valve with speed controls, 1/4 in. NPT valve ports. Requires maintained electrical signal of 115V—1 Ph. 60 Hz. from photo cell, limit switch, etc. (not supplied). Diverter will stay in diverted position until signal is broken. Current consumption is .09 amps holding.
- AIR REQUIREMENTS**—Minimum pressure 60 P.S.I., maximum 125 P.S.I., free air consumption at 60 P.S.I., .014 cu. ft. per cycle.