

ADVANTAGES:

- **Seamless, Efficient Baggage Merging**
- **Available for All Standard Widths**
- **Queue Conveyor Capabilities**
- **High Speed Induction**
- **Low Maintenance**
- **Rugged Construction**



OVERVIEW:

The 45° merge conveyor is ideal for seamless, efficient merging of baggage from one conveyor to another. This is the preferred method of merging baggage flow to right angle junctions or other means of merging. The 45° convergence angle facilitates effective baggage transfer, minimizing baggage from jamming. This is effectively accomplished by cascading baggage onto the adjacent conveyor at a high induction speed.

The 45° merge conveyor can be utilized as a queue conveyor by installing selective control equipment, providing effective start / stop and priority-flow functions.

G&S Airport Conveyor utilizes Angle-Flo® 45° merge conveyor, manufactured by Portec, and the TS4200, manufactured by Transnorm System Inc.

DRIVE

G&S Airport Conveyor drives all 45° merge conveyors using integral motor / gearbox reducers; optional drive methods are available.

Operational start / stop cycling is accomplished by utilizing a variable frequency device which provides full adjustment of cycle rates, as well as controlled acceleration and deceleration. This simple, reliable device eliminates the need for a clutch / brake module.

INSTALLATION

All G&S Airport Conveyor site representatives have extensive installation experience with 45° merge conveyors and are experts in the installation and maintenance of this equipment.