

### ADVANTAGES

- **Features a space-saving 45° sweep pusher blade**
- **Capable of diverting 80 items per minute (4800 items per hour)**
- **Harmonically balanced to ensure smooth actuation**
- **Simple, rugged design**

### OVERVIEW

The Heavy Duty Pusher (HDP) is a simple and compact diverting device that can be used to transfer baggage directly from one conveyor line to another, or indirectly using a baggage chute.

The automatically actuated paddle is designed to push baggage as large as 120 pounds (54.43kg) and of varying sizes, including baggage tubs and golf clubs. The uniquely shaped paddle is designed with shock absorbing materials and a spring dampening system that provides a smooth, gentle diverting action.

The harmonically balanced device ensures a smooth actuation throughout the entire divert cycle, virtually eliminating vibration. This allows that the unit be mounted on support structures either fixed to the floor or suspended from above.

Driven by a direct-drive motor, and controlled by a variable frequency drive that ensures smooth acceleration and deceleration, the HDP requires minimal regular maintenance.

Installed as a stand-alone subsystem, the HDP is easily integrated into the overall control system.

This rugged, heavy-duty sortation pusher is constructed and installed to provide a service life that exceeds industry standards.

G&S Airport Conveyor utilizes the Sandvik Heavy Duty Pusher ~ Model HDP-61-80.

### INSTALLATION

G&S Airport Conveyor site representatives have extensive history using power turn conveyors, and are experts at installing and maintaining this equipment.

