

SWITCH OPERATION, SAFETY AND MAINTENANCE

SWITCH OPERATION

1. Only one trolley at a time should be moved over a switch at a normal walking speed. Always push trolleys through a switch, never pull.
2. When approaching the switch with a loaded trolley from the diverging direction, visually determine that lift pieces are positioned to allow trolley to move in the desired direction and that the down piece is properly seated. If necessary, move operating arm to reposition lift pieces to accommodate desired trolley travel.
3. The automatic switch eliminates the manual operation in gathering to a common headrail (converging). The weight and forward motion of an approaching trolley along either rail activates the switch, if necessary, closing one rail and opening another.
4. Never push or convey a trolley onto or over a raised lift track piece of a switch while a trolley is resting on or moving over the other lift track piece of the same switch.
5. If gear operated conveyor switches (not recommended for conveyORIZED systems) are used, special care must be taken if the switch is activated while conveyor is moving so drop finger will not come in contact with lifting track piece.

SWITCH SAFETY

All Power Switches are designed to operate safely when used for their intended purpose. It is the purchaser's responsibility to ensure proper use of switches and to train operators for its safe and efficient operation. It is recommended that the purchaser review the equipment operator's performance periodically.

It is also the purchaser's responsibility to properly install and maintain the switch so that it can be operated safely. Be sure that safety rules are observed.

This manual was written to aid the operations and maintenance personnel in the operation and/or maintenance of All Power Switches. This section was written to help ensure the safety of the personnel who perform these tasks.

1. Rigid head protection and eye protection are required at all times when working under switches and overhead track systems.
2. Do not swing from switches, or use overhead switches, conveyors, or track systems as a mode of personal transportation.
3. Excessive pushing, pulling or swinging of product is dangerous. Product must be kept directly under the trolley and track switch. Failure to comply could result in metal particles falling from the track, or may cause the trolley to leave the track and fall to the floor.
4. DO NOT EXCEED THE LOAD CAPACITY OF THE SWITCH.
5. All personnel working in and around areas where track and switches are used should be provided these safety guidelines.

SWITCH MAINTENANCE

1. Establish a formal and continuing program to train all personnel in safe operation and proper maintenance procedures.
2. Inspect operation of switches weekly to determine that all pivot nuts are properly tightened and all moving parts are operating freely.
3. Immediately replace all parts that become worn or damaged. Refer to specific switch page for spare parts list.
4. Lubricate all pivot points weekly with small amounts of mineral (or other light, edible lubricant). Remove excess lubricant with rag.