

## TRANSFER CAR

With Powered Live Roller Beds



### DESCRIPTION

- *Transfer Cars move loads from conveyor to conveyor in an aisle. The car travels in the aisle, guided by an in-floor track. The typical car has two belt-powered conveyors that operate independently or in tandem.*
- *Cars are one-piece construction. The frame is flexible enough to follow the contour of the floor, yet rigid enough to transfer the weight of the load to the drive and braking wheels.*
- *Transfer Cars can be operator-controlled or integrated into an automatic conveyor system. A control console is provided for safety function, manual operation, and selection of automatic modes of operation.*

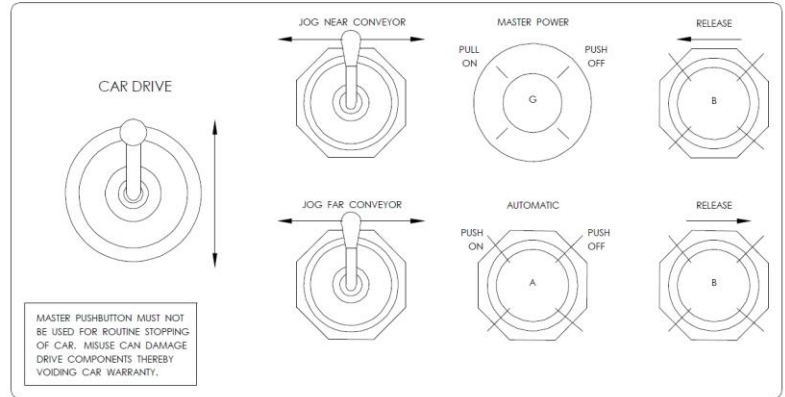
### FEATURES

- *Equipped with 2.0 HP variable-speed AC conveyor drives.*
- *10 HP variable-speed AC car drive.*
- *Bumper and brake system permit 200 FPM (661MPM) operation.*
- *Unmanned operation in enclosed aisle at 350 FPM (107MPM).*
- *Optional backup camera system available.*
- *Encoder systems for both car positioning and load measuring.*
- *Onboard programmable logic controller and diagnostic system.*

# TRANSFER CAR



## TYPICAL CONTROL CONSOLE LAYOUT



Transfer Cars are also available with Stedi-Stak conveyor beds.

This control console is typical of the Manual Override Control Station.

## SPECIFICATIONS

Between Frame Bed Widths:	1-4 Conveyor Beds 60", 72", 84" or 96" (1.5m, 1.8m, 2.1m, or 2.4m)		
Conveyor Bed Types:	Roller Conveyor (RC), Powered Live Roller Conveyor (PLR) and Stedi-Stak		
Car/Conveyor Lengths:	10'-0" Standard (2.4m, 2.6m, and 3m) Other lengths available as needed.		
Top of Roller Elevation:	12" Standard (30.5cm)		
Maximum Load Sizes:	Lengths: 10'-0" (3m) – 108" (2.75m) 8'-6" (2.6m) – 90" (2.75m) 8'-0" (2.4m) – 84" (2.1m)	Widths: Two 96" (2.4m) Beds – 203" (5.1m) Two 84" (2.1m) Beds – 179" (4.5m) Two 72" (1.8m) Beds – 155" (3.9m) Two 60" (3.3m) Beds – 131" (3.3m)	
Load Rating:	10,000 lb (4,536 kg)		
Product Construction:	Chassis Outer Frame:	3/4" x 4" x 8"	(19 x 102 x 203mm)
	Cross Members:	1/2" x 4" x 8"	(15 x 102 x 203mm)
	Wheel Boxes:	3/4" x 10 x 19 1/2"	(19 x 152mm)
	Wheel Box Support Angle:	1/2" x 4" x 8"	(15 x 102 x 203mm)
	Load Bearing Wheels:	3" W x 8" Diameter	(76 x 203mm)
	Drive Wheels:	5" W x 14 1/2" Diameter	(128 x 368mm)
Drive Components:	10 HP motor for speeds from 0 – 350 FPM (0-107 MPM). The 2- 15/16" (7.46cm) drive shaft is connected to the motor with double 80# roller chain. Components are located under the drive end deck plate which is hinged for ease of maintenance. <b>24-Volt Controls Standard.</b>		
Safety Package:	All cars equipped with laser proximity bumpers on both ends and warning system consisting of buzzers and flashing lights. Optional backup camera system is also available.		