



# Transfer Car



The Systec Manual/Automatic transfer car has several unique features providing superior performance. Unique to Systec Conveyors, the heavy-duty structural steel construction features a two-piece design allowing the car to “follow” floor contours during movement. Each section is fully supported by large diameter, polyurethane idler and drive wheels. The large, 12” diameter drive wheels provide positive drive. All wheels feature ringfeder locking hubs for ease of maintenance.

Systec’s Transfer Car brings an abundance of safety features such as laser pathway sensors, audible and visual alert system and available operator visual assistance system. Safety features include laser object detection with automatic slow down and stop for objects, or personnel in the car path. A warning light and strobe alert personnel to car movement. The raised platform and rail alongside the conveyor allow for greater operator vision and protection from falling material.

Systec’s transfer car is a very reliable and durable mobile conveyor. The car is simple in design and operation, and is much safer to operate than traditional mobile conveyor. This car, like all Systec conveyors and devices, uses the highest quality materials, is second to none in workmanship, and applies all the latest in technology, safety designs, and features.



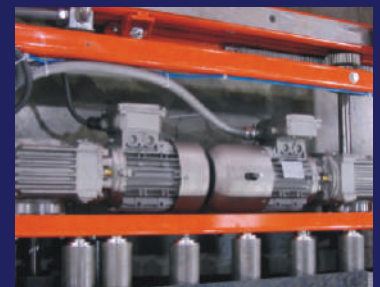
## OVERALL CONSTRUCTION

Systec’s transfer car features all -welded steel frame construction with precision laser cut and machined parts. Systec uses only the highest quality components in this and all conveyor and devices.



## OPERATOR CONTROLS

Systec’s transfer car offers a multitude of operational controls and adjustments for load pickup, delivery, and car positioning in either manual or automatic operations.



## DRIVE ASSEMBLY

Systec’s transfer car drive assemblies operate the conveyors and side shifting beds. The car features a fixed or variable speed, five horsepower gearmotor for car movement and positioning.

## SPECIFICATIONS

Overall Width	Varies
Overall Length	Up to 123" aisle
Conveyor Widths	60", 72", 84", 96" Up to four beds available
Top-of-roller	12" T.O.R.
Load Capacity	15,000 lbs
Conveyor Speed	45 FPM
Car Speed	30 - 400 FPM
Power System	Overhead festoon cable system, Overhead buss-bar power system, AC
Operator Platform	High or low deck

## CONSTRUCTION

Frame	All-welded steel construction, unique two-piece design
Conveyor Bed	All-welded steel construction, rack and spur gear drive
Drive Wheels	12" dia. x 4 1/2" face x 2" bore with ringfeder wheel locking device
Idler Wheel	9" dia. x 5" face, press fit 5" dia. x 4" hub x 1 1/2" welded in shaft
Guidance	Hardened steel guide wheel each end

## SAFETY FEATURES

Conveyor Bed	Patented side-shift beds to eliminate shear point
Sensors	Laser object detection with automatic slow down & stop Dual tone alert system in direction of travel
Audible Alert System	Triple color strobes flash in direction of travel
Visual Alert System	Hand rail equipped with bulk head operator protection
Operator Platform	Camera & monitor equipped for improved operator vision

## CONTROL OPTIONS

Electrical Enclosure	On-board, self-contained enclosure & control panel
Automatic	Operator-less, automated load pickup & delivery
Manual	Operator on-board required for load pickup & delivery