



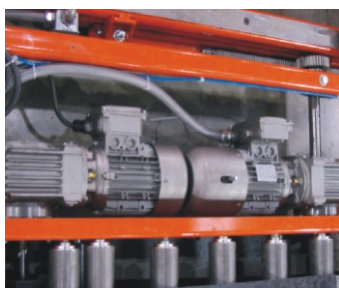
OVERALL CONSTRUCTION

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

TRIM LINE CONVEYOR CAR



PATENTED
#6,116,842

DESCRIPTION

Systec's patented Trim Line Conveyor (TLC) Car brings an abundance of safety features never before seen on mobile conveyors. Systec's TLC was re-engineered from the ground up to incorporate the latest technology and safety components available. The most significant safety feature is the side-shift conveyor beds. This technology virtually eliminates the pinch point, or shear point, that exists with "old style" mobile conveyors. The TLC car leaves a 9" gap between the stationary conveyor and the car while it is in motion. Other safety features include; high-sensitivity bumper, laser pathway sensors, audible and visual alert system, and operator visual assistance system.

The TLC car has been engineered to be applicable to existing material handling systems. With the 100% drive capability of the side-shift beds, the load detection photo-sensors can be set to the furthest point outward from the car's center. Effectively, this car will haul the same size load as existing mobile conveyors and still allow for the 9" clearances on either side of the car. This means no modifications of the stationary conveyors are required to make this car work with an existing system. The TLC car's cycle times are comparable to existing car's rates as well.

Systec's TLC car is a very reliable and durable mobile conveyor. The TLC car is simple in design, operation, and is much safer than traditional mobile conveyors to operate. This car is second to none in workmanship, and applies all the latest in technology, safety designs and features.



SPECIFICATIONS

Overall Width	314 1/2" Dual Bed (Available with Gravity Outriggers)
Overall Length	90", 96", 102", 108" (Aisle Width, Add 18")
Top-Of-Roller	12" T.O.R.
Load Capacity	15,000lbs
Conveyor Speed	45 FPM
Car Speed	30 - 400 FPM Variable
Power System	Overhead Festoon Cable System Overhead Buss-Bar Power System In-Floor Buss-Bar Power System
Operator Platform	High or Low Deck

CONSTRUCTION

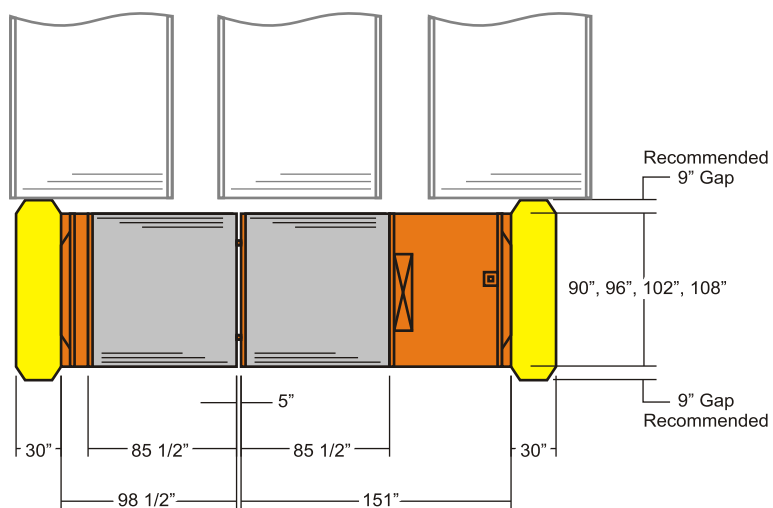
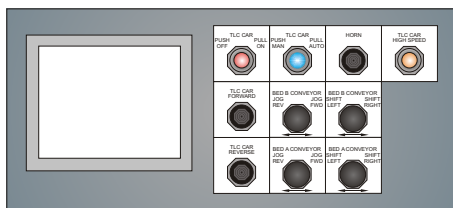
Frame	All-Welded Steel Construction
Conveyor Bed	All-Welded Steel Construction, Rack and Spur Gear Drive
Drive Wheels	12" Dia. x 4 1/2" Face x 2" Bore With Ringfeder Wheel Locking Device
Idler Wheels	9" Dia. x 5" Face, Press Fit 5" Dia. x 4" Hub x 1 1/2" Welded In Shaft

SAFETY FEATURES

Conveyor Bed	Patented Side-Shift Bed To Eliminate Shear Point
Bumpers	30" Deep, Ultra-Sensitive (Power Disconnect on Contact)
Sensors	Laser Object Detection With Automatic Slow Down and Stop
Audible Alert System	Dual Tone Alert System In Direction Of Travel
Visual Alert System	Triple Color Strobes Flash in Direction Of Travel
Operator Platform	Hand Rail Equipped with Bulk Head Operator Protection Camera and Monitor Equipped For Improved Operator Vision

CONTROL OPTIONS

Electrical Enclosure	On-Board, Self-Contained Enclosure and Control Panel (UL Listed)
Automatic	Operator-less, Automated Load Pickup and Delivery
Manual	Operator On-Board Required For Load Pickup and Delivery



The Leader in Conveyor Innovation!

10010 Conveyor Drive - Indianapolis, IN 46235
Tel: 317-890-9230 / 800-578-1755 Fax: 317-890-9232
www.systecconveyors.com

