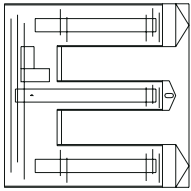
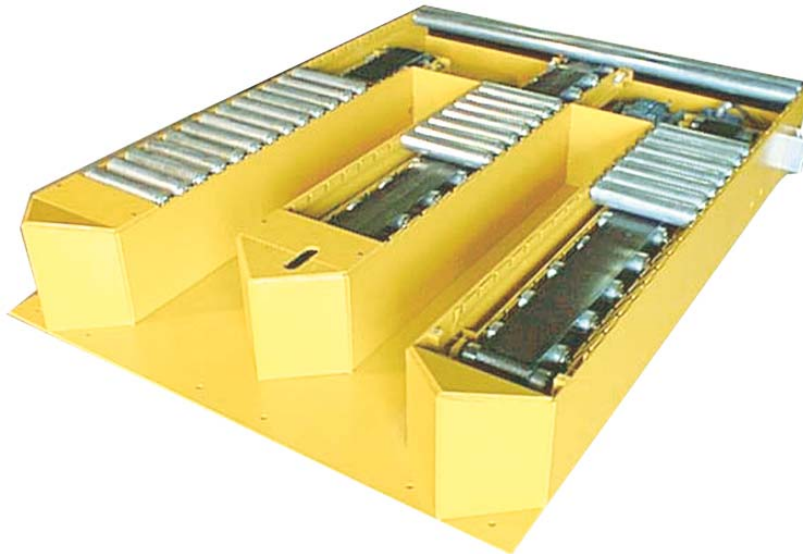


# Powered Fork Truck Entry (FTEP)



*All rollers are driven in the powered fork truck entry.*

## PRODUCT DESCRIPTION

The powered fork truck entry is a standard three finger fork truck entry in which each finger includes powered rollers to drive the load. Outwardly this device appears much the same as a standard nonpowered fork truck entry. The unit is 12" TOR in height and is fabricated from 3/8" steel plates. The fingers are all welded to a common base plate that can be provided with a straight or bent edge for installation in a similar fashion as the nonpowered units. The overall length of the unit is extended from the standard 5' nonpowered FTE to 7'. The additional 24" long, full width section, houses the common conveyor drive.

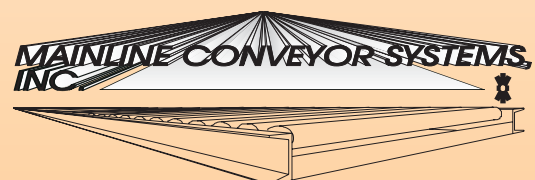
This device is provided as a standalone unit. Each finger is a belt driven live roller conveyor and all are powered from a common drive. The common conveyor drive includes a single gearmotor and common drive shaft with multiple belt drive pulleys mounted to it. Each pulley in turn pulls a belt through pressure racks mounted in each finger to drive the load carrying rollers.

## APPLICATION

The powered fork truck entry can be used in those applications where it is necessary to power the load along the conveyor without pushing or pulling with the forks of the lift truck. When loads are placed on the fork truck entry, the device will move the load onto the main conveyor without any manual assist. When loads are presented to the fork lift for removal, the device will power the load to the end of the fork truck entry and allow the operator to engage the load fully with the forks without adjusting the position.

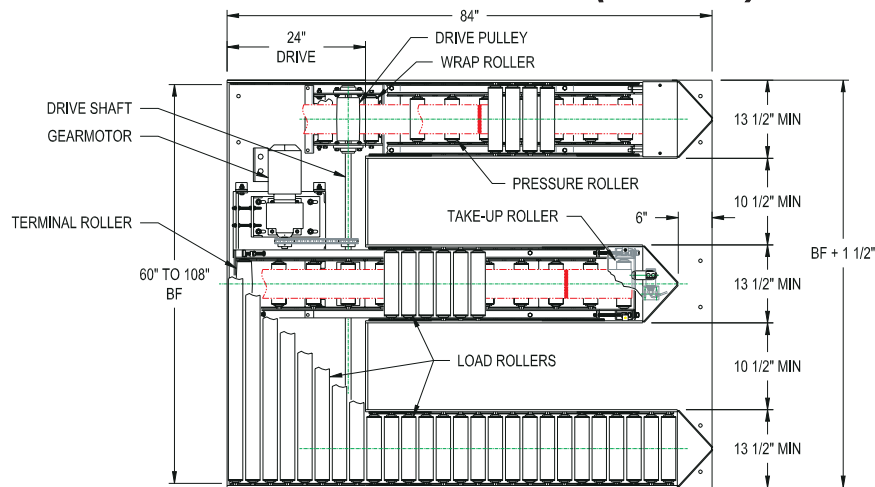
## FEATURES

- Provides positive load drive to end of device.
- Heavy duty construction of 3/8" steel plate.
- Self contained unit requiring no field assembly or connection to existing conveyor.
- Common drive powers all three fingers completely.
- Standard belt driven live roller conveyor configuration in each finger.
- Standard 2-1/2" dia. x 11 ga. lift out rollers on 3" centers.
- Available in 9' lengths (7' fingers) for "Pallet Sleeve" applications.



# POWERED FORK TRUCK ENTRY (FTEP)

## Dimensions



## GENERAL SPECIFICATIONS

Nominal Unit Width	60" through 108" BF
Nominal Finger Widths	13 1/2" (12"BF) Minimum
Unit Length	7'-0" with 5'-0" finger length
Height	12" TOR
Load Capacity	2,500 lbs. @ 45fpm
Conveyor Speed	45, 60 FPM (other speeds upon request)

## POWER REQUIREMENTS

Electrical Supply; Amperage	230-460V/3ph/60hz; 1.45 Amps(460V) @ full load
Drive Gearmotor	3/4 HP @ 45 or 60 FPM

## CONSTRUCTION

Frame	Integral weldment of 3/8" steel plate and structural steel angles; with standard 3/16" formed flat roller supports
Pressure Roller Supports	1-1/2" structural angle weldment with Integral formed flat roller supports and terminal and take-up roller mounts
Rollers	Standard liftout (load and pressure rollers) and pinned (terminal, take-up, and wrap rollers) mounted to structural members rollers mounted to a structural member Tube: 2.5" diameter x 11 gauge galvanized steel Shaft: 5/8" solid CR hex, retained in roller Bearing: Precision grade 6205 series sealed bearing
Pulleys	Drive: 4-1/2" dia. x 7-1/2" fw, crowned and lagged Term, and TU: 2-1/2" dia. x 7-1/2" crowned
Beltting	5"w x .155"tk, PVC120 covered
Drive Shaft & Sprockets	1"dia. TGP, with #60 sprocket and chain connection to drive

## CONTROL OPTIONS \*

Manual Operation	Pendant Switch or Pushbutton operator-actuated
Automatic Operation	Combines with load detecting sensors and control logic to position and advance loads.
PC Controls	Pushbutton controls are included with automatic controls as application dictates.

\* Contact Mainline Conveyor Systems, Inc. for additional control or capacity information.



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