

Telescoping Transfer Vehicle (TVT)

TELESCOPIC CONVEYOR



PRODUCT DESCRIPTION

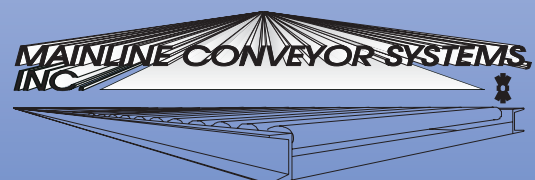
The Telescoping Transfer Vehicle is a nonpowered conveyor that telescopes from a closed position to an open position. The unit usually consists of 4 fixed conveyors and 3 mobile conveyors, but can vary based on the needs of a particular application. Each conveyor finger is standard 9" BF width with 3" channel sideframes and 2-1/2"-14g rollers on 3" centers. The fixed conveyors are supported from the floor by integral supports. The mobile conveyors are assembled in a unit at the front end and supported by a pair of 5" dia. rigid casters. At the opposite end each conveyor is supported from the fixed conveyors by means of plastic idler wheels that ride on the sideframes of the fixed conveyors. Telescoping movement may be accomplished by manual means or by attaching the unit to an external device that moves in the same manner.

APPLICATION

Telescoping Transfer Vehicles are used primarily in the transfer of blank sheets from an infeed conveyor to a process machine, where the process machine must be opened towards the infeed conveyor for servicing and set-up. Most often these units are used when manual transfer is an acceptable means of operation. When powered or automatic transfer is a requirement, other transfer vehicles should be considered for this application.

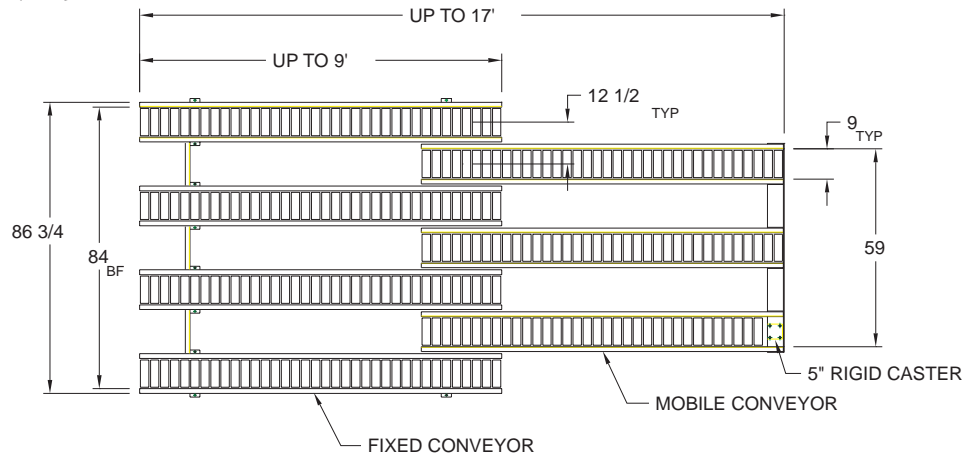
FEATURES

- 3" structural channel sideframes.
- 2-1/2" dia.-14ga. rollers with 7/16" hex shaft on 3" centers.
- All conveyors standard at 9" BF; other sizes available upon request.
- 12-1/2" center to center between conveyors.
- 5" dia. rigid polyurethane tread casters support exposed end of mobile conveyors.
- UHMW-PE wheels support opposite end of mobile conveyors from fixed conveyor frames.
- Floor lock provided to hold mobile conveyor position.
- Mobile conveyor may be moved manually in and out; or attached to downstream process machine and powered in and out.



TELESCOPING TRANSFER VEHICLE (TVT)

Dimensions (In.)



GENERAL SPECIFICATIONS

Nominal Conveyor Width	84" (Other widths upon request)
Finger Width; Center Distance	9"; 12-1/2" (Other widths and spacing upon request)
Nominal Length Closed/Extended	9'/17' (Other lengths upon request)
Minimum Height	12" T.O.R.
Load Capacity	1,000 lbs., per foot of conveyor length *

POWER REQUIREMENTS

Air Supply	Not required
Electrical Supply	Not required

CONSTRUCTION

Frame	Integral weldment Includes: Sideframe: 3" structural channel Tie Braces (cross supports): Structural angles Legs: 3" structural channel
Front Mobile Supports	Two 5" dia. polyurethane tread rigid casters with single foot actuated floor lock
Rear Mobile Supports	2" dia. UHMW-PE wheels ride on flange of adjacent fixed conveyor frame; 2 per finger
Rollers	2-1/2" dia-14ga on 3" centers with spring retained 7/16 hex shafts

CONTROL OPTIONS *

No Controls Provided

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

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