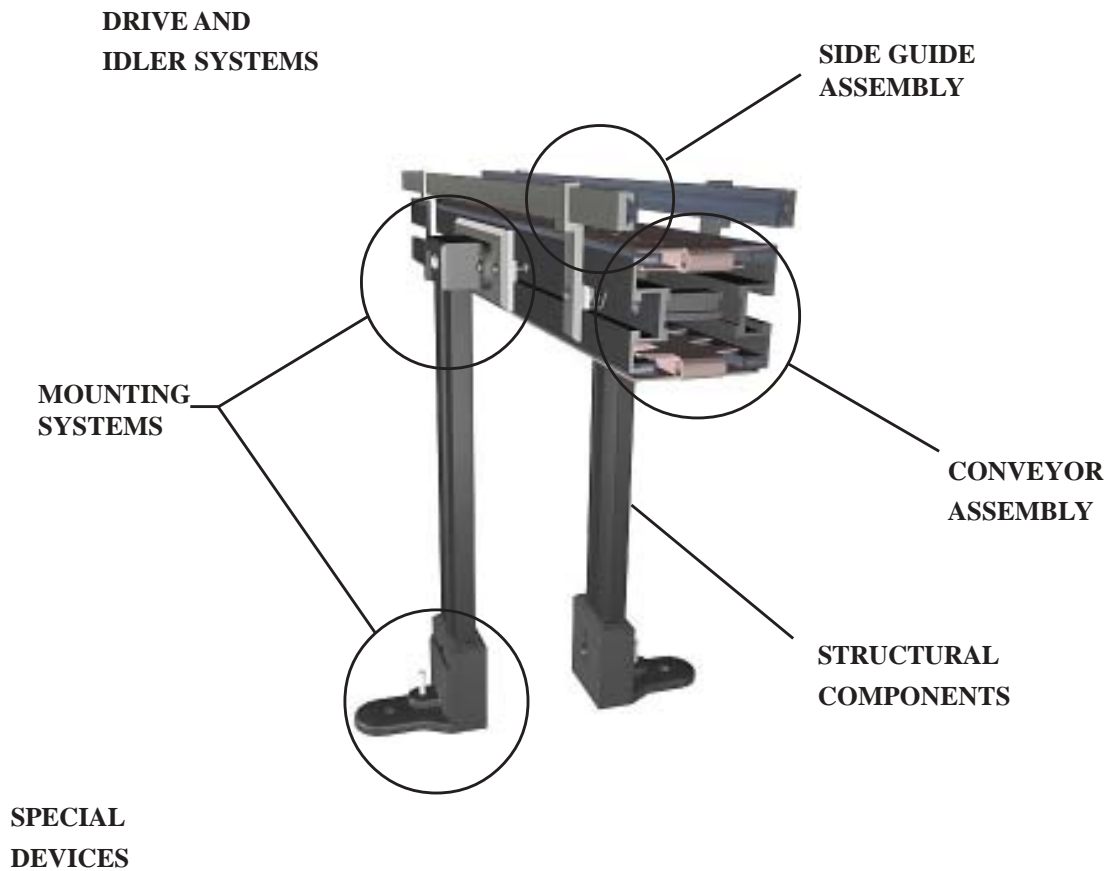


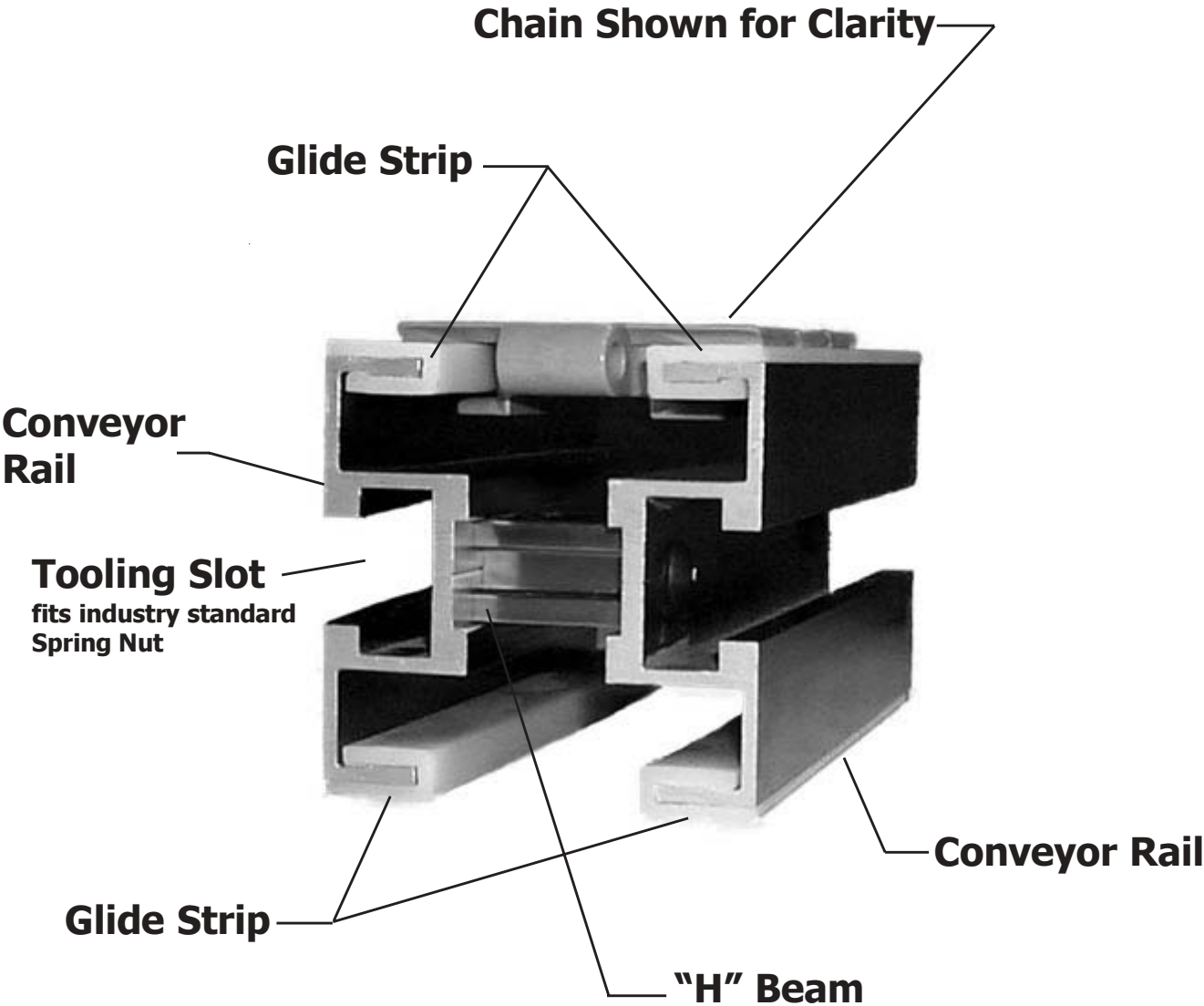
# CONVEYOR ASSEMBLY BREAKDOWN

Flat top chain conveyors typically have the following main sections that define most any solution. This catalog is divided up into those sections as well.



# CONVEYOR ASSEMBLY TYPICAL

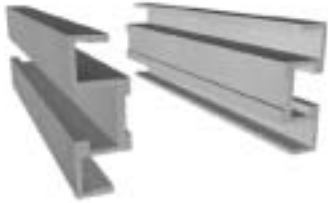
Mod Tech flat top chain conveyor solutions consist of extruded aluminum rails attached together with “H” beam. Some applications require wide chains and require additional support. In those cases a “C” channel is mounted to the “H” beam to provide the support. There is a UHMW wear (Glide) strip between the chain and the rail (and the “C” channel if required) to create a low chain pull solution. Please review the application section of this catalog for various designs.



**Note: "C" Channel Applications Shown in Example Section**

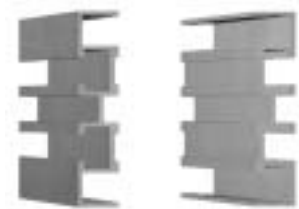
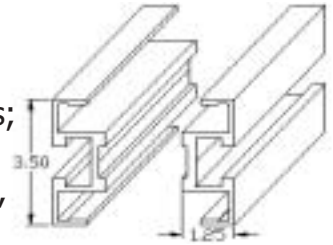
# CONVEYOR COMPONENTS

## MAC-4913 Conveyor Rail



**Application:** Medium Duty General Purpose, Conveyor; Rail, Frames & Legs, Structural Frames; tables, work benches, work cells.

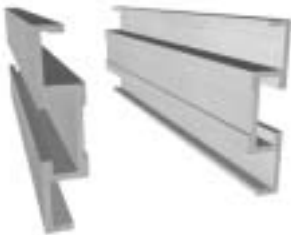
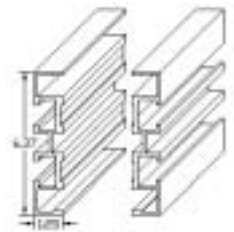
**Features:** 3 1/2" Wide Face, Single Tooling Slot, Glide Strip Locking Tab, Standard 10' Lengths, Clear Anodized. Special Orders: Extruded Lengths, Colors, and Annealed.



## MAC-5095 Conveyor Rail

**Application:** Medium to Heavy Duty Conveyor Rail, Assembly and Process Tables and Frames.

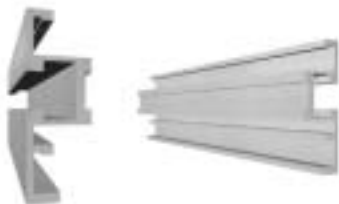
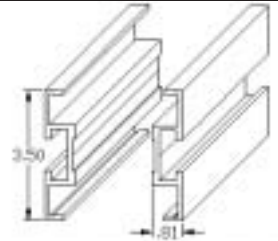
**Features:** 6 3/8" Wide Face, Dual Tooling Slots, fits industry-standard stand-off brackets, Glide Strip Locking Tabs, Standard 10' Lengths, Clear Anodized. Special Orders: Extruded Lengths, Colors, and Annealed.



## MAC-5159 Conveyor Rail

**Application:** Medium to Light Duty, Conveyor Rails. Designed for 1 1/4" to 2" chain such as 843 and 1843 styles.

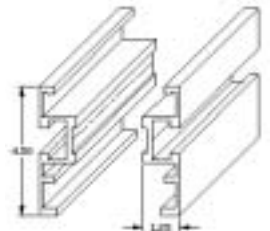
**Features:** 3 1/2" Wide Face, Single Tooling Slot, Glide Strip Locking Tabs, Standard 10' Lengths, Clear Anodized. Special Orders: Extruded Lengths, Colors, and Annealed.



## MAC-5207 Conveyor Rail

**Application:** Medium Duty Conveyor Rail designed for 2 1/4" chain such as LF-1863 K 2 1/4".

**Features:** 4 1/2" Wide Face, Single Tooling Slot, hidden chain returnway track, Glide Strip Locking Tabs, Standard 10' Lengths, Clear Anodized. Special Orders: Extruded Lengths, Colors, and Annealed.



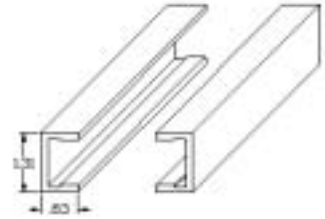
# CONVEYOR COMPONENTS



## MAC-6266

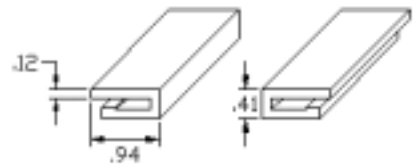
### "C" Channel

**Application:** Center guide for chains exceeding a width (k dim.) of 3 1/4".  
**Features:** Glide Strip Locking Tabs, Center Scribed Precision Drilling, Standard 10' Lengths, Clear Anodized. Special Orders: Extruded Lengths, Colors, and Annealed.



## MAC-3001 Glide Strip

**Application:** Wear strip for conveyor frame rails MAC-4913, MAC-5095, and "C" channel MAC-6266.  
**Features:** UHMW with molybdenum or glass added, Snap on Tab, Standard 20' Lengths.

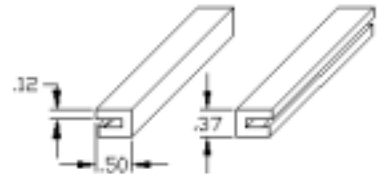


MAC-3001M (Moly)  
 MAC-3001CP (Glass)  
 Other materials available with special order.



## MAC-3016 Glide Strip

**Application:** Wear strip for conveyor frame rail MAC-5159.  
**Features:** UHMW with molybdenum, Snap on Tab, Standard 20' Lengths.

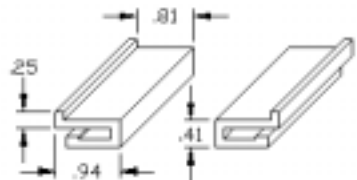


Other materials available with special order.



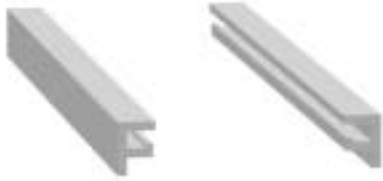
## MAC-3017 Glide Strip

**Application:** Wear strip for straight running conveyor frame rails MAC-4913, MAC-5095.  
**Features:** UHMW with molybdenum, Snap on Tab, Standard 20' Lengths. Eliminates the need for center guide chain tracks.



Other materials available with special order.

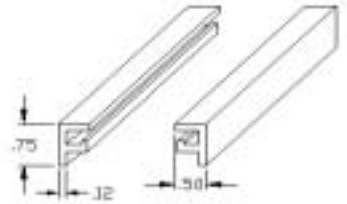
# CONVEYOR COMPONENTS



## MAC-3018 Glide Strip

**Application:** Wear strip for conveyor frame rail MAC-5207.

**Features:** UHMW with molybdenum, Snap on Tab, Standard 20' Lengths.



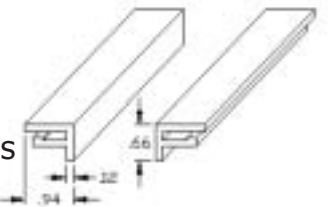
Other materials available with special order.



## MAC-3019 Glide Strip

**Application:** Wear strip for conveyor frame rails MAC-4913, MAC-5095, and "C" channel MAC-6266. Inner Radius of Side Flexing Chains,

**Features:** UHMW with molybdenum, Snap on Tab, Standard 20' Lengths.



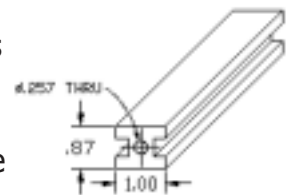
Other materials available with special order.



## MAC-4912 "H" Beam

**Application:** Conveyor Rail Spacer - Inside rails sized for specific chain and outside to mate 2 separate conveyors together.

**Features:** Precision Aluminum extrusion w/ hole ready for 5/16-18 tap, fits conveyor rail slots, Standard 10' Lengths, Clear Anodized, Special Orders: Extruded Lengths, Colors, and Annealed.

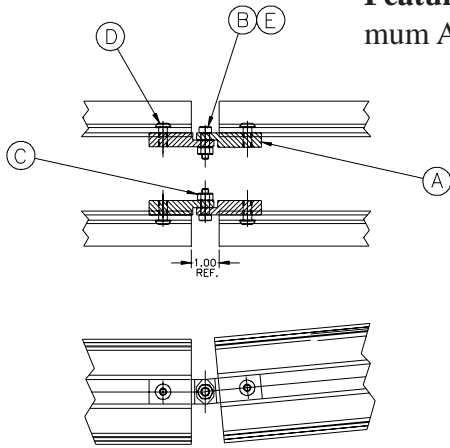


# CONVEYOR COMPONENTS

## MAC-4350 VERTICAL BEAM KIT

**Application:** Mechanical interface between straight conveyor rails during elevation changes.

**Features:** One hinge per conveyor rail, Maximum Angle 25 degrees.

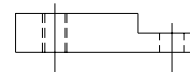
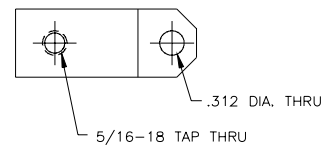


	DESCRIPTION	QTY	INCLUDED
A	VERTICAL BEAM HINGE	4	YES
B	5/16 X 1/2" LG. SHOULDER BOLT	2	YES
C	1/4-20 NYLON INSERT NUT	2	YES
D	5/16-18 X 1/2" LG. BHSCS	4	NO
E	SPECIAL APPLICATION SHLDR BOLTS ?		NO

## MAC-9300 VERTICAL BEAM HINGE

**Application:** Mechanical interface between conveyor rails during angular transitions.

**Features:** Machined CRS, Black Oxide, fits inside rail keyway.



# CONVEYOR COMPONENTS

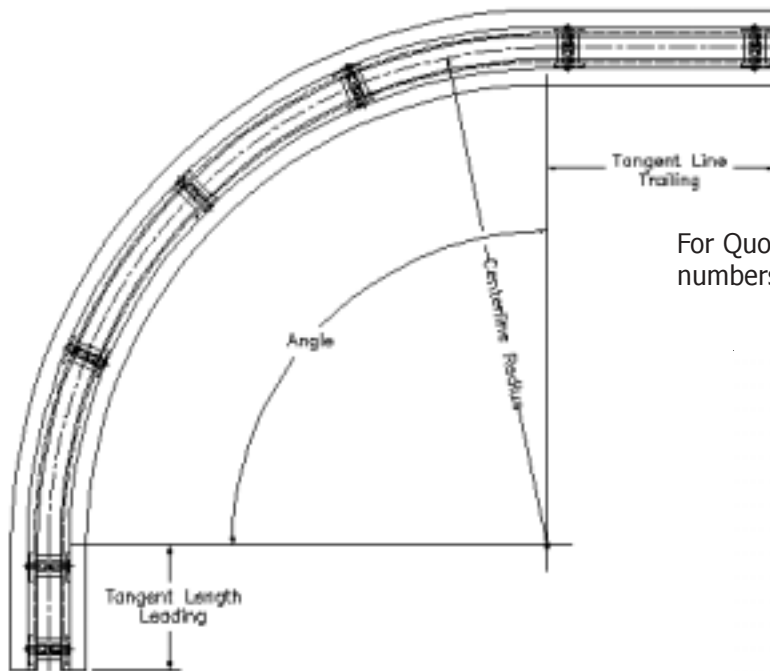
## CURVED CONVEYOR SECTION KIT MAC-7400, 7410, 7420

**Application:** Changes in conveyor direction.

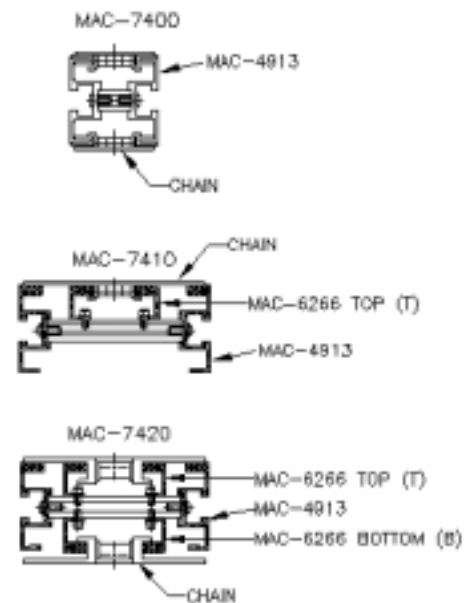
**Features:** Complete conveyor section (without leg and structural supports) assembled based on customer specifications (excludes chain, drives, etc.), extrusions anodized after forming.

### CUSTOMER REQUIREMENTS

Provide Mod-Tech Ordering Number and Final AutoCAD layout and cross-section of area around curve specifying: Chain, Conveyor Rail, Leading Tangent Length(12" Max), Angle, Trailing Tangent Length(12" Max), and Centerline Radius. See technical section for ordering information.



For Quoting purposes select one of the MAC-74\_\_ numbers below based on your conveyor configuration.



**Note: This is a SPECIAL ORDER item and will require 20 working days to ship ARO after approved specifications. See technical section for ordering information. Additional curved sections are available. Please contact Mod-Tech for these products.**

