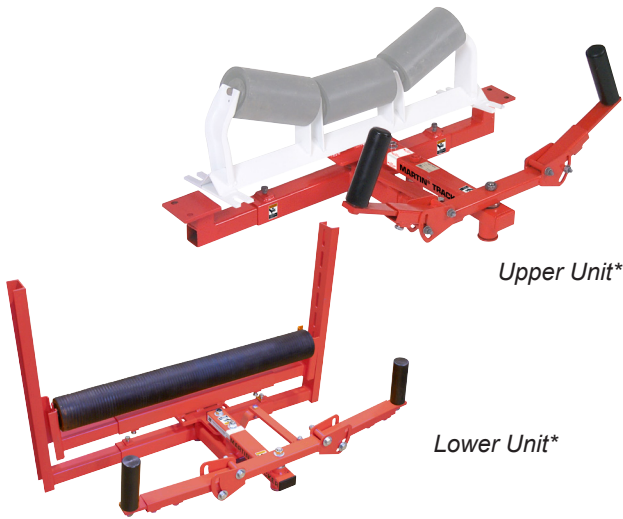


# Martin® Tracker™ Belt Tracking System



The MARTIN® TRACKER™ Conveyor Belt Tracking System provides immediate, continuous precision adjustment of wandering conveyor belts.

The MARTIN® TRACKER™ Belt Tracking System works, where other belt training devices fail to reduce edge damage, prevent spillage, and extend belt life.

Available in Lower and Upper Units in four different models, MARTIN® TRACKER™ units are matching each application conditions.

## MODEL DESCRIPTION

### Mini

The MARTIN® TRACKER™ Mini is designed for low loads by belt widths up to 500 mm.

### Basic

The MARTIN® TRACKER™ Basic is designed for applications under typical industrial material handling conditions.

### Heavy-Duty

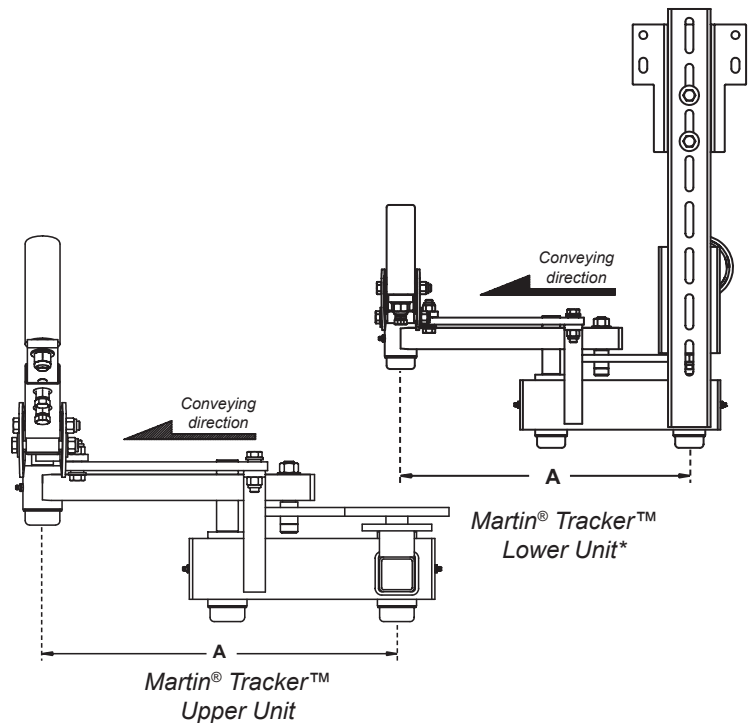
The MARTIN® TRACKER™ Heavy-Duty is designed to withstand the stress associated with wider, thicker belts moving at higher speeds and carrying heavier loads.

### Monster

The MARTIN® TRACKER™ Monster is engineered to survive in the most rugged applications.

## INSTALLATION GUIDELINES

To keep the belt centered in the loading zone, Martin Engineering recommends the installation of one MARTIN® TRACKER™ Lower Unit on the conveyor's return side at a point approximately five times the belt width before the belt reaches the tail pulley. A MARTIN® TRACKER™ Upper Unit should be installed after the load zone on belts wider than 1000 mm. Additional units may be needed to keep the belt tracking perfectly.



## Dimension (A)

Model	Upper Unit mm	Lower Unit mm
Mini	480	480
Basic	642	667
Heavy-Duty	812	787
Monster	932	842

\* Shown idlers are not included in the MARTIN® TRACKER™ conveyor belt tracking system.

## NOTES

The steering idler must be supplied by the customer. Typically the steering roll is an existing customer roller that was removed from the conveyor to allow installation of the belt tracking system

The MARTIN® TRACKER™ conveyor belt tracking system works best with a rubber or rubber-covered steering idlers. The MARTIN® TRACKER™ conveyor belt tracking system not suitable for reversing conveyors or belts with substantial rollback. For further information or installation on reversing conveyor belts contact Martin Engineering.

# TECHNICAL DATA SHEET

## SELECTION GUIDE

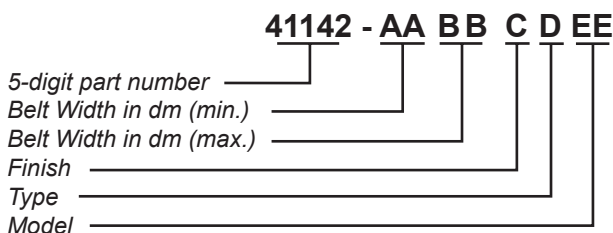
The different MARTIN® TRACKER™ conveyor belt tracking system models will be selected based on belt width and belt speed.

Model	Mini	Basic	Heavy-Duty	Monster				
Belt width according DIN 22107	Part-no.	41142-						
	possible belt width	0405XXMI 380 - 560	0609XXBA 600 - 910	1013XXBA 910 - 1340	1013XXHD 1010 - 1460	1417XXHD 1410 - 1860	1417XXMO 1410 - 1860	1820XXMO 1380 - 2150
400 - 500								
500 - 1000								
1000 - 1400								
1400 - 1800								
1800 - 2200								
Belt speed	<= 1,5 m/s	<= 3,5 m/s		<= 4,0 m/s		<= 5,0 m/s		

## ORDER INFORMATION

	Belt width in mm	Lower Unit		Upper Unit	
		Part no.	Weight in kg	Part no.	Weight in kg
<b>Mini</b>	400 - 500	41142-0405XLMI	83	41142-0405XUMI	71
<b>Basic</b>	500 - 1000	41142-0609XLBA	131	41142-0609XUBA	113
	1000 - 1400	41142-1013XLBA	223	41142-1013XUBA	206
<b>Heavy-Duty</b>	1000 - 1400	41142-1013XLHD	273	41142-1013XUHD	244
	1400 - 1800	41142-1417XLHD	331	41142-1417XUHD	304
<b>Monster</b>	1400 - 1800	41142-1417XLMO	465	41142-1417XUMO	432
	1400 - 2000	41142-1820XLMO	487	41142-1820XUMO	456

## PART NUMBER NOMENCLATURE



**A:** Belt Width in dm (min.)

**B:** Belt Width in dm (max.)

**C: Finish**  
R: Laquered (RAL 2004)  
Z: Zinc-Plated

**D: Type**  
L: Lower Unit  
U: Upper Unit

**E: Model**  
MI: Mini  
BA: Basic  
HD: Heavy-Duty  
MO: Monster



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