

# PT Max™ Belt Trainers

## Unique "Pivot and Tilt" Action

Don't mistake our PT Max™ Belt Trainers for conventional belt trainers. Thanks to our patented 'pivot and tilt' design, the unit reacts and compensates instantly to belt misalignment, ensuring that the belt stays away from the structure and the material stays on the belt. The result: a continuous solution to mistracking problems that cause damage to the belt and conveyor structure. The PT Max delivers superior training action that makes it easy to keep even the most troublesome belts on track and on the job permanently.

*Dual rollers  
safeguard  
belt edges*



*Fine-tune  
the PT Max  
with the HD  
Adjusting Arm*

*Top Side model*

*Pivot and Tilt provides two  
forces to quickly move the  
belt back to center*



*Return Side model*

## Features and Benefits

- **Works in multiple applications.** Top side or return side belts. Heavy duty or medium duty operations. Wet or dry conditions. Belts mistracking to one side or both sides. Whatever the issue, PT Max has the answer.
- **Custom-built.** Each conveyor is different, so the PT Max is specifically built to meet your requirements.
- **Long service life.** Uses standard, on-site rollers so inventory can be used for replacement. Also, with our special bearing, Flexco guarantees a 5-year 'No Risk' Performance Guarantee.
- **Works with mechanically fastened and vulcanized belts.**

*Special fully-enclosed,  
spherical bearing, constructed  
of surgical stainless steel, won't  
freeze or seize*



## Specifications and Guidelines

Selection Guidelines	
Model	Application Range
PT Max™ Top Side	Heavy-duty belts up to 3000 PIW max (generally over 3/4" (19mm) thick) Belt width 24" – 60" (600 – 1500mm)
HD PT Max™ Top Side	Heavy-duty belts up to 6000 PIW max tension. Belt width 48" – 84" (1200 – 2100mm)
PT Max™ Return Side	Heavy-duty, higher tension belts up to 3000 PIW max. (generally up to 1" (25mm) thick)
HD PT Max™ Return Side	Heavy-duty belts up to 6000 PIW max tension. Belt width 48" – 84" (1200 – 2100mm)

Conveyor Criteria	PT Max™ Top Side	HD PT Max™ Top Side	PT Max™ Return Side	HD PT Max™ Return Side
Top side mistracking	Yes	Yes	No	No
Return side mistracking	No	No	Yes	Yes
Belt mistracking to one side	Excellent	Excellent	Excellent	Excellent
Belt mistracking to both sides	Excellent	Excellent	Excellent	Excellent
Inconsistent tracking problem	Excellent	Excellent	Excellent	Excellent
Belt is cupped (heavy)	Excellent	Excellent	Good	Good
Belt has low running tension	Good	Good	Good	Good
Belt has medium running tension	Excellent	Excellent	Excellent	Excellent
Belt has high running tension	Excellent	Excellent	Excellent	Excellent
Approx. "upstream" effect*	20' (6 M)	20' (6 M)	20' (6 M)	20' (6 M)
Approx. "downstream" effect*	150' – 200' (45 – 61 M)	150' – 200' (45 – 61 M)	150' – 200' (45 – 61 M)	150' – 200' (45 – 61 M)

\*Typical results; actual results may vary

**Maximum Belt Speed:** 1200 FPM (6 M/sec)  
**Temperature Rating:** -40° F to 180° F (-40° C to 71° C)  
**Belt Direction:** One Way  
**Available for Belt Widths:** 24" to 84" (600 to 2100 mm)

Ordering Information			
PT Max™ Top Side			
Belt Width		Ordering Number	Item Code
in.	mm		
24	600	PTM24T	75583
30	750	PTM30T	74885
36	900	PTM36T	74886
42	1050	PTM42T	74887
48	1200	PTM48T	74888
54	1350	PTM54T	74889
60	1500	PTM60T	74890
Heavy-Duty PT Max Top Side			
54	1350	PTMHD54T	74891
60	1500	PTMHD60T	74892
72	1800	PTMHD72T	74893
84	2100	PTMHD84T	74894

PT Max Belt Trainers are made to order. Lead time: 15 working days (after data sheets are approved)

Ordering Information			
PT Max Return Side*			
Belt Width		Ordering Number	Item Code
in.	mm		
24	600	PTM24R	75584
30	750	PTM30R	74899
36	900	PTM36R	74900
42	1050	PTM42R	74901
48	1200	PTM48R	74902
54	1350	PTM54R	74903
60	1500	PTM60R	74904
Heavy-Duty PT Max Return Side*			
54	1350	PTMHD54R	74905
60	1500	PTMHD60R	74906
72	1800	PTMHD72R	74907
84	2100	PTMHD84R	74908



2525 Wisconsin Avenue • Downers Grove, IL 60515-4200 U.S.A.  
 Tel: (630) 971-0150 • Fax: (630) 971-1180 • E-mail: info@flexco.com • Web: [www.flexco.com](http://www.flexco.com)

Australia: 61-2-9680-3322 • China: 86-21-33528388 • England: 44-1274-600-942 • Germany: 49-7428-9406-0  
 India: 91-44-4354-2091 • Mexico: 52-55-5674-5326 • Singapore: 65-6281-7278 • South Africa: 27-11-608-4180

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