

PT Max™ Belt Trainers

Unique “Pivot and Tilt” Action

Don't mistake our PT Max™ Belt Trainers for conventional belt trainers. Thanks to our unique '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.



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

Fine-tune the PT Max with the HD Adjusting Arm

Dual rollers safeguard belt edges

Top Side model

Return Side model

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



V-Return model also available



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.
- **Long service life.** With our special bearing, Flexco guarantees a 5-year 'No Risk' Performance Guarantee.
- **Works with mechanically fastened and vulcanized belts.**

PT Max™ Belt Trainer

Specifications and Guidelines

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

Conveyor Criteria	PT Max™ Top Side	HD PT Max™ Top Side	PT Max™ Return Side and V-Return	HD PT Max™ Return Side and V-Return
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*	6 M (20')	6 M (20')	6 M (20')	6 M (20')
Approx. "downstream" effect*	45 – 61 M (150' – 200')	45 – 61 M (150' – 200')	45 – 61 M (150' – 200')	45 – 61 M (150' – 200')

*Typical results; actual results may vary

Maximum Belt Speed: 6 m/s (1200 FPM)

Temperature Rating: -40° C to 71° C (-40° F to 180° F)

Belt Direction: One Way

Available for Belt Widths: 600 to 2100mm (24" to 84")

Ordering Information			
PT Max™ Top Side			
Belt Width	Ordering Number	Item Code	
mm	in.		
650	26	PTM650T	83785
800	32	PTM800T	83661
1000	40	PTM1000T	83662
1200	48	PTM1200T	83663
1400	56	PTM1400T	83664
1600	64	PTM1600T	83665
1800	72	PTM1800T	83666

Ordering Information			
PT Max Return Side			
Belt Width	Ordering Number	Item Code	
mm	in.		
650	26	PTM650R	83786
800	32	PTM800R	83667
1000	40	PTM1000R	83668
1200	48	PTM1200R	83669
1400	56	PTM1400R	83670
1600	64	PTM1600R	83671
1800	72	PTM1800R	83672

Ordering Information			
PT Max V-Return			
Belt Width	Ordering Number	Item Code	
mm	in.		
800	32	PTM800VR	83673
1000	40	PTM1000VR	83674
1200	48	PTM1200VR	83675
1400	56	PTM1400VR	83676
1600	64	PTM1600VR	83677
1800	72	PTM1800VR	83678

Authorized Distributor:

2 Woodlands Sector 1 • #01-21 • Woodlands Spectrum I • Singapore 738068
Tel: +65-6484-1533 • Fax: +65-6484-1531 • E-mail: asiasales@flexco.com

Visit www.flexco.com for other Flexco locations and products.

©2018 Flexible Steel Lacing Company. 02/05/18. For reorder: X5040

