

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

Top Side model

Dual rollers safeguard belt edges

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

Return Side model



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.
- **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.**

PT Max™ Belt Trainer

Specifications and Guidelines

Selection Guidelines		Conveyor Criteria	PT Max™ Top Side	HD PT Max™ Top Side	PT Max™ Return Side and V-Return	HD PT Max™ Return Side
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")	Top side mistracking	Yes	Yes	No	No
HD PT Max™ Top Side	Heavy-duty belts up to 6000 PIW max tension. Belt width 1200 – 2100mm (48" – 84")	Return side mistracking	No	No	Yes	Yes
PT Max™ Return Side	Heavy-duty, higher tension belts up to 3000 PIW max. (generally up to 25mm (1") thick)	Belt mistracking to one side	Excellent	Excellent	Excellent	Excellent
HD PT Max™ Return Side	Heavy-duty belts up to 6000 PIW max tension. Belt width 1200 – 2100mm (48" – 84")	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')

Maximum Belt Speed: 6 M/sec (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")

*Typical results; actual results may vary

Ordering Information

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

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

PT Max V-Return			
Belt Width		Ordering Number	Item Code
mm	in.		
600	24	PTM24VR	79669
750	30	PTM30VR	79670
900	36	PTM36VR	79671
1050	42	PTM42VR	79672
1200	48	PTM48VR	79673
1350	54	PTM54VR	79674
1500	60	PTM60VR	79675
Heavy-Duty PT Max Return Side			
1350	54	PTMHD54VR	79665
1500	60	PTMHD60VR	79666
1800	72	PTMHD72VR	79667
2100	84	PTMHD84VR	79668

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

Authorized Distributor:

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