

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

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	
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 and V-Return	Heavy-duty, higher tension belts up to 3000 PIW max. (generally up to 1" (25mm) thick)
HD PT Max™ Return Side and V-Return	Heavy-duty belts up to 6000 PIW max tension. Belt width 54" – 84" (1350 – 2100mm)

Conveyor Criteria	PT Max™	Heavy Duty PT Max™	Super Duty PT Max™
Top side mistracking	Yes	Yes	Yes
Return side mistracking	Yes	Yes	Yes
Reversing	No	No	No
Belt mistracking to one side	Better	Better	Better
Belt mistracking to both sides	Best	Best	Best
Inconsistent tracking problem	Best	Best	Best
Belt is cupped (heavy)	Better	Better	Better
Belt has edge damage	Good	Good	Good
Ease of Installation	Good	Good	Good
Belt has low running tension (150-300 PIW)	Good	N/A	N/A
Belt has medium running tension (300-1600 PIW)	Best	Best	Best
Belt has high running tension (1600+ PIW)	Better	Best	Best
Approx. "upstream" effect *Δ	50' (15 M)	50' (15 M)	50' (15 M)
Approx. "downstream" effect *Δ	150' – 200' (45 – 61 M)	150' – 200' (45 – 61 M)	150' – 200' (45 – 61 M)

* Typical results; actual results may vary

Δ Disc idlers have the potential to reduce these numbers

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
Super-Duty PT Max Top Side			
72	1800	PTMSD72T	74895
84	2100	PTMSD84T	74896
96	2400	PTMSD96T	74897
120	3000	PTMSD120T	74898

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
Super-Duty PT Max Return Side			
72	1800	PTMSD72R	74909
84	2100	PTMSD84R	74910
96	2400	PTMSD96R	74911
120	3000	PTMSD120R	74912

Ordering Information			
PT Max V-Return			
Belt Width		Ordering Number	Item Code
in.	mm		
24	600	PTM24VR	79669
30	750	PTM30VR	79670
36	900	PTM36VR	79671
42	1050	PTM42VR	79672
48	1200	PTM48VR	79673
54	1350	PTM54VR	79674
60	1500	PTM60VR	79675
Heavy-Duty PT Max Return Side			
54	1350	PTMHD54VR	79665
60	1500	PTMHD60VR	79666
72	1800	PTMHD72VR	79667
84	2100	PTMHD84VR	79668
Super-Duty PT Max Return Side			
72	1800	PTMSD72VR	90051
84	2100	PTMSD84VR	90052
96	2400	PTMSD96VR	90053
120	3000	PTMSD120VR	90054

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

Authorized Distributor:



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