

# PT Max™ Adjustable Belt Trainers

## Next Generation PT Max™

Still the same best-in-class PT Max™ with the industry-leading “pivot and tilt” technology.

PT Max Adjustable takes the best features from the PT Max and integrates the adaptability of the PT Smart™ to create a fully adjustable design that can fit almost any conveyor configuration without needing a data sheet.

Standardised parts allow us to manage costs, include the rollers, and reduce lead times—down to 1 day on core sizes.



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

*Dual rollers safeguard belt edges*

*Trough is adjustable for 35° or 45°*

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

*Top Side model*

*Adjustable horizontal dimension  
Belt Width +200mm (8") to  
Belt Width +500mm (20")*

*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 Adjustable 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™ Adjustable Belt Trainers

## Specifications and Guidelines

Selection Guidelines	
Model	Application Range
PT Max™ Top Side	Heavy-duty belts up to 525 n/mm (3000 PIW) max (generally over 19mm (3/4") thick). Belt width 900 - 1500mm (36" - 60").
HD PT Max™ Top Side	Heavy-duty belts up to 1050 n/mm (6000 PIW) max tension. Belt width 1350 - 2100mm (54" - 84").
PT Max™ Return Side and V-Return	Heavy-duty, higher tension belts up to 525 n/mm (3000 PIW) max. (generally up to 25mm (1") thick), Belt width 900 - 1500mm (36" - 60").
HD PT Max™ Return Side and V-Return	Heavy-duty belts up to 1050 n/mm (6000 PIW) max tension. Belt width 1350 - 2100mm (54" - 84").

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

\* Typical results; actual results may vary

Δ Disc idlers have the potential to reduce these numbers

**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:** 900 to 2100 mm (36" to 84")

## Ordering Information

PT Max™ Adjustable Top Side			
Belt Width		Ordering Number	Item Code
mm	in.		
900	36	PTMA36T	90362
1050	42	PTMA42T	90363
1200	48	PTMA48T	90364
1350	54	PTMA54T	90365
1500	60	PTMA60T	90366
HD PT Max Adjustable Top Side			
1350	54	PTMAHD54T	90377
1500	60	PTMAHD60T	90378
1800	72	PTMAHD72T	90379
2100	84	PTMAHD84T	90380

PT Max™ Adjustable Return Side			
Belt Width		Ordering Number	Item Code
mm	in.		
900	36	PTMA36R	90367
1050	42	PTMA42R	90368
1200	48	PTMA48R	90369
1350	54	PTMA54R	90370
1500	60	PTMA60R	90371
HD PT Max Adjustable Return Side			
1350	54	PTMAHD54R	90381
1500	60	PTMAHD60R	90382
1800	72	PTMAHD72R	90383
2100	84	PTMAHD84R	90384

PT Max™ Adjustable V-Return			
Belt Width		Ordering Number	Item Code
mm	in.		
900	36	PTMA36VR	90372
1050	42	PTMA42VR	90373
1200	48	PTMA48VR	90374
1350	54	PTMA54VR	90375
1500	60	PTMA60VR	90376
HD PT Max Adjustable V-Return			
1350	54	PTMAHD54VR	90385
1500	60	PTMAHD60VR	90386
1800	72	PTMAHD72VR	90387
2100	84	PTMAHD84VR	90388

Lead time: 1 day (core sizes);  
shaded items 3 weeks

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