

# 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.		
750	30	PTMA-750-3	83785
900	36	PTMA-900-3	83661
1050	42	PTMA-1050-3	83662
1200	48	PTMA-1200-3	83663
1350	54	PTMA-1350-3	83664
1600	64	PTMA-1600-3	83665
1800	72	PTMA-1800-3	83666
HD PT Max Adjustable Top Side			
1800	72	PTMAHD-1800-3	83734
2000	80	PTMAHD-2000-3	83735
2200	88	PTMAHD-2200-3	83736

PT Max™ Adjustable Return Side			
Belt Width		Ordering Number	Item Code
mm	in.		
750	30	PTMA-750-1	83786
900	36	PTMA-900-1	83667
1050	42	PTMA-1050-1	83668
1200	48	PTMA-1200-1	83669
1350	54	PTMA-1350-1	83670
1600	64	PTMA-1600-1	83671
1800	72	PTMA-1800-1	83672
HD PT Max Adjustable Return Side			
1800	72	PTMAHD-1800-1	83737
2000	80	PTMAHD-2000-1	83738
2200	88	PTMAHD-2200-1	83739

PT Max™ Adjustable V-Return			
Belt Width		Ordering Number	Item Code
mm	in.		
900	36	PTMA-900-2	83673
1050	42	PTMA-1050-2	83674
1200	48	PTMA-1200-2	83675
1350	54	PTMA-1350-2	83676
1600	64	PTMA-1600-2	83677
1800	72	PTMA-1800-2	83678
HD PT Max Adjustable V-Return			
1800	72	PTMAHD-1800-2	83740
2000	80	PTMAHD-2000-2	83741
2200	88	PTMAHD-2200-2	83742

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