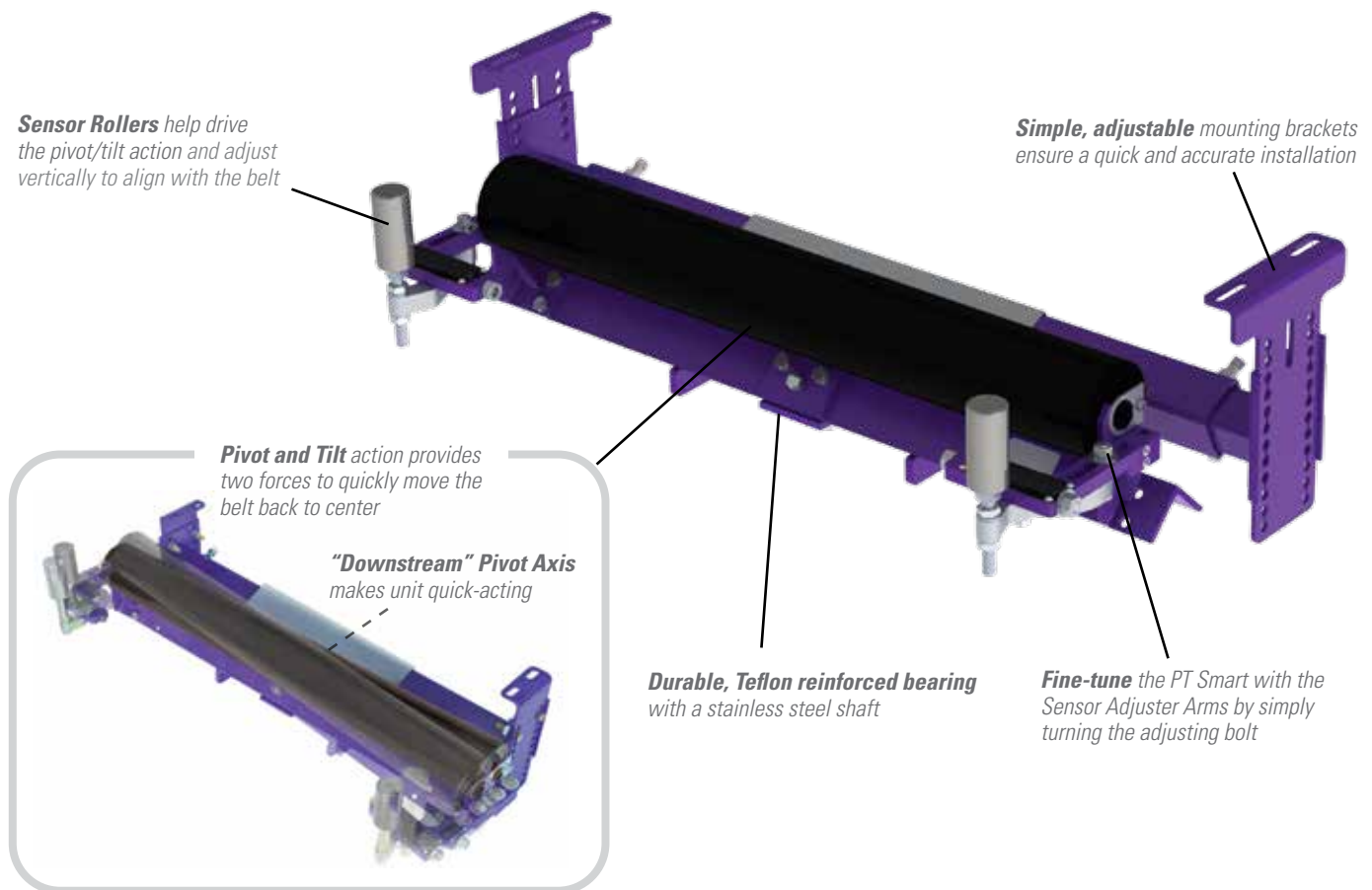


## The Economical, Efficient Belt Training Solution

The patented PT Smart™ Belt Trainer takes our unique "pivot and tilt" design and puts it into a more economical, medium-duty trainer. This 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—at an affordable price.



### Features and Benefits

- **Works in multiple applications.** Above-ground version features an idler belt-width+75 mm (3"), 50 mm (2") sensor rollers, and easy-to-install mounting brackets. Underground version comes with an idler belt-width+225 mm (9"), 75 mm (3") sensor rollers, and an extended mounting bracket for underground structures.
- **Easy ordering and installation.** Enhanced to meet instant demands for training solutions, the PT Smart is available on a one-working-day lead time. The simple brackets and component construction also ensures a quick and easy installation.
- **Economical.** PT Smart is a very versatile, budget-conscious, out-of-the-box solution.
- **Made to last.** Durable and strong, the PT Smart offers a 2-year "No Risk" Performance Guarantee.
- **Works with mechanically fastened or vulcanized belts.**

## Specifications and Guidelines

Selection Guidelines	
MODEL	APPLICATION RANGE
PT Smart™	Medium-duty belts up to 1600 PIW max tension. Belt width + 75 mm (3") idler. Belt thickness 25 mm (1") maximum.
PT Smart™ Underground	Medium-duty belts up to 1600 PIW max tension. Belt width + 225 mm (9") idler. Belt thickness 25 mm (1") maximum. Fits underground structure.

**Maximum Belt Speed:** 5 m/s (1000 FPM)

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

**Belt Direction:** One way

**Available for Belt Widths:** 450 to 1800 mm (18" to 72")

Selection Guidelines		
CONVEYOR CRITERIA	PT SMART™	PT SMART™ UNDERGROUND
Top side mistracking	NO	NO
Return side mistracking	YES	YES
Belt mistracking to one side	EXCELLENT	EXCELLENT
Belt mistracking to both sides	EXCELLENT	EXCELLENT
Inconsistent tracking problem	EXCELLENT	EXCELLENT
Belt is cupped (heavy)	GOOD	GOOD
Belt has low running tension	EXCELLENT	EXCELLENT
Belt has medium running tension	EXCELLENT	EXCELLENT
Belt has high running tension	GOOD	GOOD
Approx. "upstream" effect*	6 M (20')	6 M (20')
Approx. "downstream" effect*	36 - 45 M (120' - 150')	36 - 45 M (120' - 150')

Ordering Information			
Belt Width		Ordering Number	Item Code
mm	in.		
PT Smart™ Belt Trainer			
450	18	PT SMART BELT TRAINER ASSY 18	83938
600	24	PT SMART BELT TRAINER ASSY 24	83939
750	30	PT SMART BELT TRAINER ASSY 30	83940
900	36	PT SMART BELT TRAINER ASSY 36	83941
1050	42	PT SMART BELT TRAINER ASSY 42	83942
1200	48	PT SMART BELT TRAINER ASSY 48	83943
1350	54	PT SMART BELT TRAINER ASSY 54	83944
1500	60	PT SMART BELT TRAINER ASSY 60	83945
1800	72	PT SMART BELT TRAINER ASSY 72	83946

Lead time: 1 working day

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