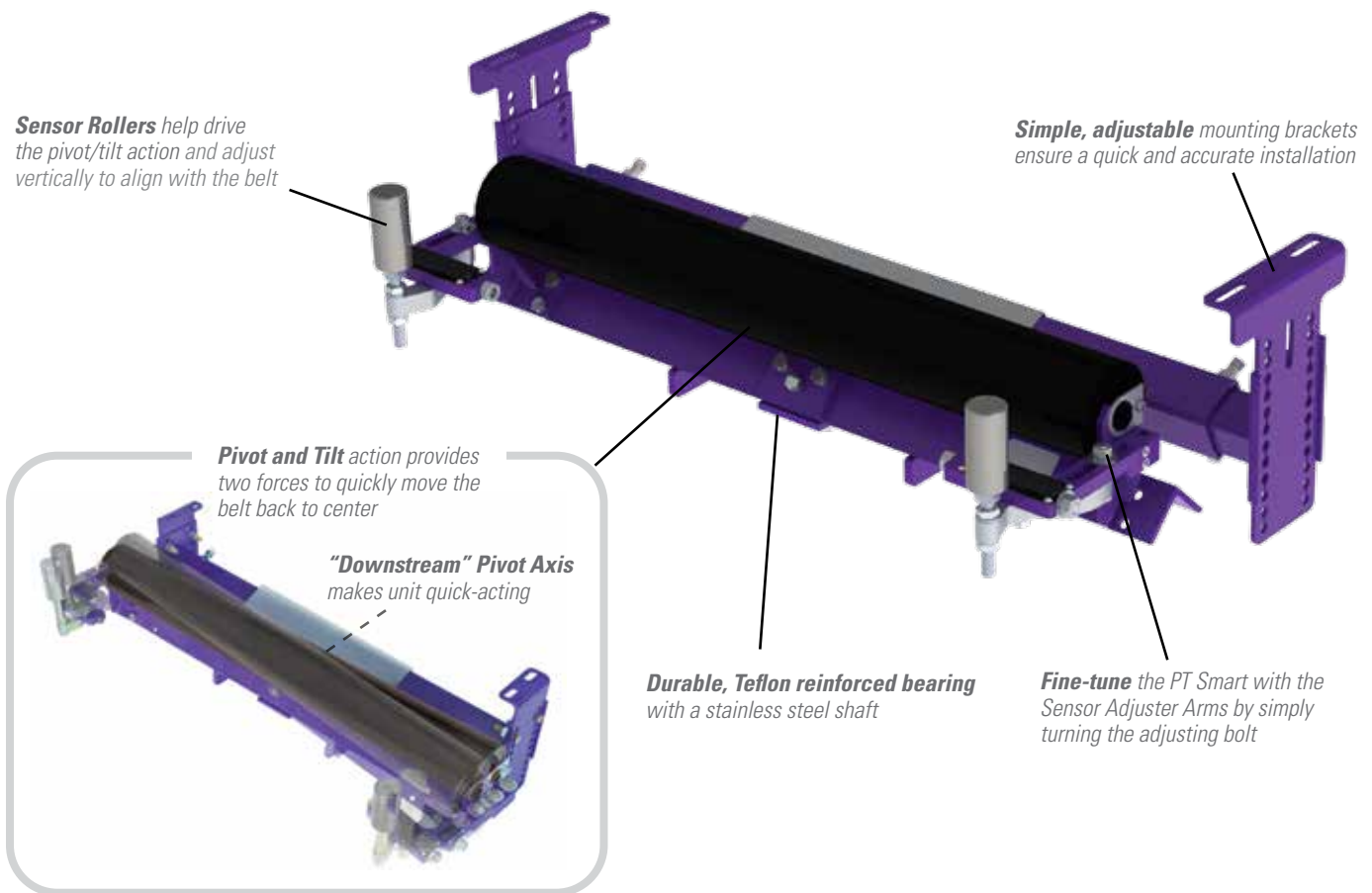


The Economical, Efficient Belt Training Solution

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+3" (75 mm), 2" (50 mm) sensor rollers, and easy-to-install mounting brackets. Underground version comes with an idler belt width+9" (225 mm), 3" (75 mm) 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 + 3" idler. Belt thickness 1" maximum. |
| PT Smart™ Underground | Medium-duty belts up to 1600 PIW max tension. Belt width + 9" idler. Belt thickness 1" maximum. Fits underground structure. |

| 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* | 20' (6 M) | 20' (6 M) |
| Approx. "downstream" effect* | 120' - 150' (36 - 45 M) | 120' - 150' (36 - 45 M) |

Maximum Belt Speed: 1000 FPM (5M/sec)

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

Belt Direction: One way

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

| Ordering Information | | | | | |
|--|------|-----------------|---------------------|-----------------|-----------|
| Belt Width | | Ordering Number | Item Code | Ordering Number | Item Code |
| in. | mm | | | | |
| PT Smart™ Belt Trainer | | | Replacement Rollers | | |
| 18 | 450 | PTS-18R | 77664 | PTS-RR21 | 77680 |
| 24 | 600 | PTS-24R | 77665 | PTS-RR27 | 77681 |
| 30 | 750 | PTS-30R | 77666 | PTS-RR33 | 77682 |
| 36 | 900 | PTS-36R | 77667 | PTS-RR39 | 77683 |
| 42 | 1050 | PTS-42R | 77668 | PTS-RR45 | 77684 |
| 48 | 1200 | PTS-48R | 77669 | PTS-RR51 | 77685 |
| 54 | 1350 | PTS-54R | 77670 | PTS-RR57 | 77686 |
| 60 | 1500 | PTS-60R | 77671 | PTS-RR63 | 77687 |
| 72 | 1800 | PTS-72R | 77672 | PTS-RR75 | 77689 |
| PT Smart™ Underground Structure Belt Trainer | | | Replacement Rollers | | |
| 30 | 750 | PTS-30R-UG | 77673 | PTS-RR39 | 77683 |
| 36 | 900 | PTS-36R-UG | 77674 | PTS-RR45 | 77684 |
| 42 | 1050 | PTS-42R-UG | 77675 | PTS-RR51 | 77685 |
| 48 | 1200 | PTS-48R-UG | 77676 | PTS-RR57 | 77686 |
| 54 | 1350 | PTS-54R-UG | 77677 | PTS-RR63 | 77687 |
| 60 | 1500 | PTS-60R-UG | 77678 | PTS-RR69 | 77688 |
| 72 | 1800 | PTS-72R-UG | 77679 | PTS-RR81 | 77690 |

Lead time: 1 working day

Authorized Distributor:



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