

SOLVING BELT MAINTENANCE CHALLENGES

Drop & Slide Idlers

Benetech's patented Drop & Slide Idlers incorporate a retractable side support roller unit that is designed to provide access from a conveyor's serviceable side.

The unique design of this idler allows it to be installed where one side of the conveyor system may have very limited or no access thus preventing normal idler maintenance.

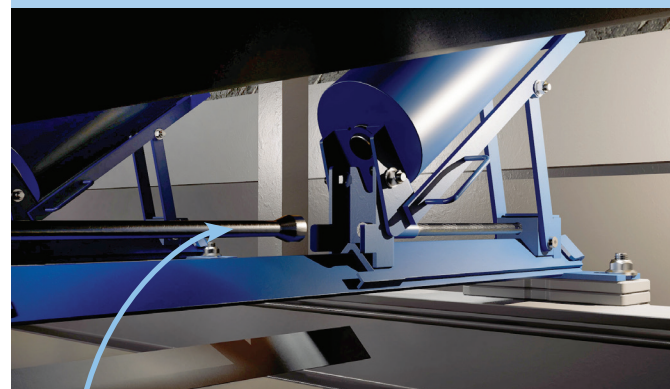
After removal of the "near side" and "center" rollers, the "far side" roller is lowered into a horizontal position using a lead screw. Then in a retracted position, the "far side" roller unit simply slides out from underneath the existing conveyor belt allowing for easy roller inspection or replacement.

- Great for constricted or partially blocked conveyor systems, such as, next to a wall or catwalk
- Most commonly placed in transfer point or load zone areas, but can be used anywhere on the carrying side of the conveyor belt

BENETECH Patent #11919719
DROP & SLIDE TM
 ACCESS FROM ONE SIDE

FEATURES & BENEFITS

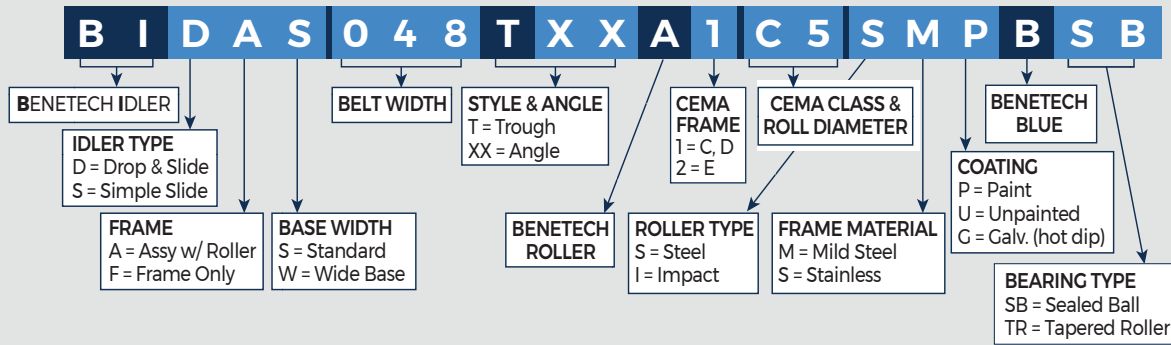
- One-sided serviceability
- No need to raise belt or remove adjacent idlers to service or replace
- Available in 4, 5, 6, and 7 inch rollers
- CEMA rating B, C, D, E, or F
- Standard or wide base frames
- U.S. Patent #11919719
- Retrofit frames available



Leadscrew lowers (and raises) the far side roller

Drop & Slide Idlers

PART NUMBER

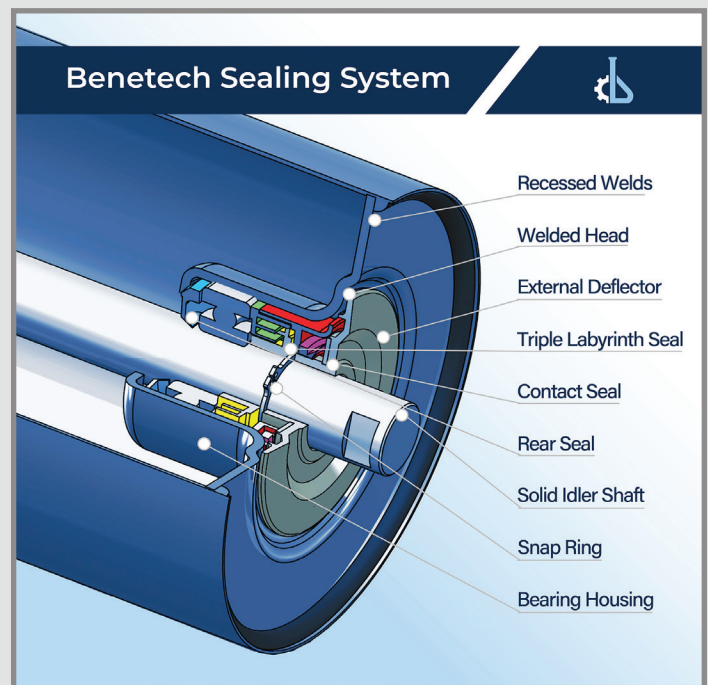


Benetech's Roller Sealing System

TRIPLE LABYRINTH SEALING

Benetech's triple labyrinth sealing system protects the roller from all types of contaminants. The sealing system consists of a vertical triple labyrinth seal protecting against dust, a male and female labyrinth seal protecting against water and moisture, and a metal seal against material with particle size greater than 0.0625 in.

- 1. Recessed Welds** – Protects the belt from wear with the full thickness of the shell.
- 2. Welded Head** – Specially formed disc designed to shed water, house inner workings, and create great roller concentricity.
- 3. External Deflector** – Corrosion and impact-resistant first line of defense. Uses centrifugal force to shed water and abrasive material.
- 4. Contact Seal** – Protects against moisture, stone, and fine materials.
- 5. Solid Idler Shaft** – Manufactured with 1045 cold-rolled steel and slotted shaft to secure roller to the frame.
- 6. Triple Labyrinth Seal** – Third line of defense for the bearing. Creates a longer path way for harmful material to the bearing.
- 7. Snap Ring** – Locks the seals and bearing in a stationary position to reduce wear.
- 8. Bearing Housing** – As the last line of defense, the housing creates an air-tight seal for all working parts and ensures perfect concentricity of all parts.



RETROFITS OTHER COMMON ROLLERS

- No need to replace your current supply of rollers
- Our Drop & Slide frames are designed to retrofit most standard marketplace rollers



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