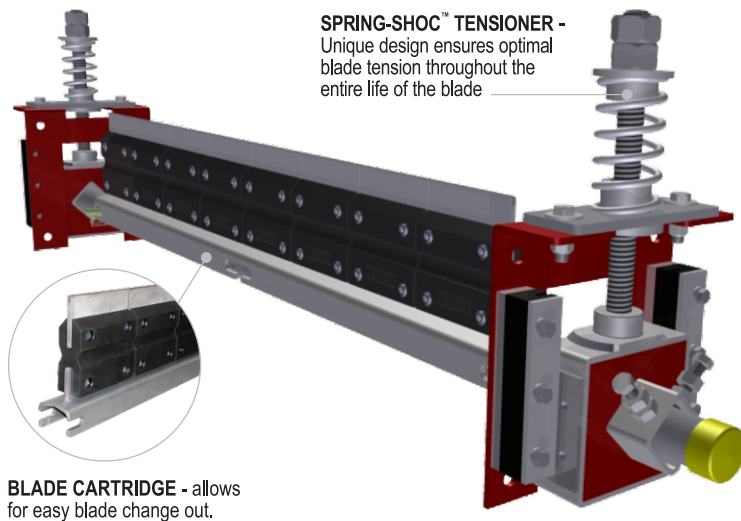


# TORO™

## Reversing Secondary Belt Cleaner

**TORO™** secondary belt cleaner is an effective flexible secondary belt cleaner that is also suitable for reversing conveyor belts. The cartridge blade system allows for easy blade change-outs and is available with 3 different blade styles and 2 different tensioners depending on the application.



**SPRING-SHOC™ TENSIONER** -  
Unique design ensures optimal  
blade tension throughout the  
entire life of the blade

**BLADE CARTRIDGE** - allows  
for easy blade change out.

- **Complete Cleaning** - with our combination of 6" (150mm) cleaning blades that are either tungsten carbide, AR 400 steel or urethane, will be recommended based on your specific application, are independently tensioned by its own rubber cushion to maintain a consistent blade-to-belt pressure.
- **Blade Cartridge** - allows for easy change out of scraper blades from either side of the conveyor.
- **Designed for Reversing Conveyors** - such as shuttles or conveyors that roll back, trippers, due to its unique two-way rubber cushions.
- **Tensioned** - by either our Spring-Shoc™, Bolt-Up™ or Duo-Spring™ tensioners for constant blade pressure, reducing blade re-tensioning maintenance and ensure high cleaning efficiency throughout the life of the blade. Duo-Spring™ (patent pending) is a heavy duty, steel spring tensioner that can be either positioned as a "push-up" or "pull-up" configuration depending on your installation mounting requirements.



### PRODUCT SPECIFICATIONS

Maximum Belt Speed - 1000 fpm (5.0 m/sec)

Application - Aggregate, Cement, Coal Fired Power Plants, Mineral (Phosphate, Potash, Salt) Mining, Wood Processing Recycling

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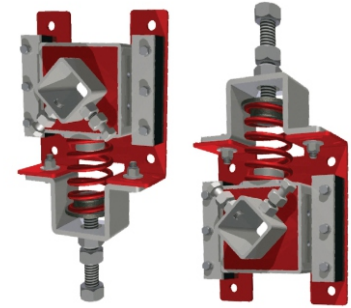
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## Spring-Shoc™ Secondary Tensioner

Utilizes a unique patent pending mounting plate that allows the cleaning blade to be spring tensioned in either a pull-up or push-up position. This specially designed configurability features two different mounting options that leave extra clearance above or below the bracket where necessary.






Push up or Pull-up tensioning options

Optional Tensioner: Bolt-Up™	Optional Tensioner: Duo-Spring™
 <ul style="list-style-type: none"> <li>• Powder coated steel bracket</li> <li>• 304 stainless steel construction of adj. blocks</li> <li>• Lifetime Warranty</li> </ul>	 <ul style="list-style-type: none"> <li>• All 304 stainless steel construction</li> <li>• Lifetime Warranty</li> <li>• Push-up or Pull-up tensioning options</li> </ul>

### Features

- Single spring tensioner for easy and consistent tensioner adjustments while maintaining constant cleaning pressure between the belt and the blade tips.
- Equal tensioning force in either tensioning configuration.
- Integrated dust shield keeps dust and fugitive material within the conveyor chute.
- Rugged construction for years of reliable cleaning.

Available Blade Types			
TORO™ Blade Materials			
	TORO™ U-Tips	TORO™ F-Tips	TORO™ C-Tips
Blade Type	TORO™ U-Tips	TORO™ F-Tips	TORO™ C-Tips
Belt Speed	< 1000 fpm < 5 m/sec	< 1000 fpm < 5 m/sec	< 1000 fpm < 5 m/sec
Temperature Range	-20-180°F -28 to 82°C	-20-180°F -28 to 82°C	-20-180°F -28 to 82°C
Use w/Mech. Fasteners	Yes	Yes	Yes

Replacement Blades and Cushion		
Part Number	Description	Lbs.
ASG-BLD-TORO-6-TC-C	C-Tip Blade	1
ASG-BLD-TORO-6-AR	F-Tip Blade	2
ASG-BLD-TORO-6-UB	U-Tip Blade	2
ASG-CUS-TORO-6	6" Cushion	2

- TORO™ C-TIP (Mechanical and/or Vulcanized Spliced Belts)
- TORO™ F-TIP (Mechanical Splices)
- TORO™ U-TIP (Mechanical and/or Vulcanized Spliced Belts)

Toro™ Cleaning System Part Numbers			
Part Number	Belt Width		Wt. Lbs.
	in	mm	
M-TORO-SYS-18X-XX	18	450	75
M-TORO-SYS-24X-XX	24	600	85
M-TORO-SYS-30X-XX	30	750	94
M-TORO-SYS-36X-XX	36	900	103
M-TORO-SYS-42X-XX	42	1050	112
M-TORO-SYS-48X-XX	48	1200	121
M-TORO-SYS-54X-XX	54	1350	130
M-TORO-SYS-60X-XX	60	1500	139
M-TORO-SYS-66X-XX	66	1600	148
M-TORO-SYS-72X-XX	72	1800	157
M-TORO-SYS-84X-XX	84	2100	175

- X: TC-C (C-Tip)
- X: AR (F-Tip)
- X: UB (Urethane Blade)
- XX: BU (Bolt-Up™ Tensioner)
- XX: RSS (Duo-Spring™ Tensioner)
- XX: ST (Spring-Shoc™ Tensioner)