



Industry Leading Belt & Sprocket Life •
Harsh Environment Durability •
Low Maintenance & Excellent Serviceability •
Self-Cleaning Features •

	Express Exterior Belts		Express Interior Belts			
	FlowLine™ SD		FlowLine™ HD		FlowLine™ SD	
Belt Type	Dual		Dual		Dual	
Belt Duty	Standard Duty		Heavy Duty		Standard Duty	
Belt Thickness	3/4"		1"		3/4"	
Belt Car Pusher Row Spacing	18"		18"		N/A	
Hinge Pin Material	Stainless Steel		Stainless Steel		Plastic	
Hinge Pin Diameter	1/4"		5/16"		1/4"	
Drive Type	Electric		Electric		Electric	
Drive Configuration	Single Center or Dual Side Mount		Single Center or Dual Side Mount		Single Center or Dual Side Mount	
Wear Plate Material	Stainless Steel		Stainless Steel		Polymer	
Wear Plate Thickness	1/8"		3/16"		1/4"	
Fiberglass Grating Thickness	1.5"		1.5"		1.5"	
Fiberglass Grating Type	Open		Open		Open	
Rinsing System	FlowRinse™ 4-Stage (Optional)		FlowRinse™ 4-Stage (Optional)		FlowRinse™ 2-Stage (Optional)	
Dirt Extraction	ExTrac™ System		ExTrac™ System		ExTrac™ System	
System Pricing	24" Width	30" Width	24" Width	30" Width	60" Width	
Base MSRP (up to 150')	\$36,800	\$40,200	\$38,000	\$42,200	\$48,000	
Per Foot MSRP (up to 150')	\$980	\$1,080	\$1,140	\$1,280	\$1,450	
Base MSRP (over 150')	\$44,200	\$47,600	\$45,400	\$49,600	\$54,800	
Per Foot MSRP (over 150')	\$1,000	\$1,100	\$1,160	\$1,300	\$1,400	
Optional Equipment Pricing					Base MSRP	Per Foot MSRP
FlowRinse™ Belt Rinse System (FlowLine™ 24/30)					\$5,500	\$25
FlowRinse™ Belt Rinse System (FlowLine™ 60)					\$7,000	\$25
FlowLube™ Automatic Bearing Lubrication					\$2,400	-
DirtBlaster™ Fire Hose, Nozzle, and Reel					\$2,715	-
FireClamps™ Belt Service Tools					\$1,450	-
FlowPanel™ Standalone VFD Panel					\$8,100	-
FlowPanel™ Standalone VFD Panel (launch belt)					\$12,000	-
PitEdge™ Galvanized Steel Embed Kit					\$1,520	\$20
ColorMatch™ Custom Color Belt, Car Pushers, or FRP (Per Color)					\$1,800	-
FlowHeat™ Belt Heat System (20' of Belt)					\$5,100	-
Covered Grating - For Enclosed Floor Surface					-	\$20
DuraTrac™ Wear Package 24"					\$1,000	\$50
DuraTrac™ Wear Package 30"					\$1,800	\$50
DuraTrac™ Wear Package 60"					\$600	\$70

ExTrac™ is a dirt extraction system for the conveyor belt and wear plates. This patented technology helps to remove dirt particles from the belt-plate interface whereby reducing abrasive wear. Once particles are removed, they are then directed away from the belt area to either the center or outer edges of the conveyor pit floor, where they can be flushed to the drain area.

FlowRinse™ is a multi-stage rinsing system that flushes the belt, wear plates and drive sprockets at key locations along the length of the conveyor. Designed to fully integrate with STI's ExTrac™ system, FlowRinse™ further removes abrasive particles in an effort to reduce mechanical wear on conveyor components. FlowRinse™ requires 20-30 GPM of either fresh water or reclaim water (filtered to 5 micron particles or better) to be supplied to a connection point in the wash equipment mechanical room.

FlowLube™ is an automatic greasing system for the drive and idler shaft bearings. This system helps to prevent premature bearing failures attributable to manual greasing (i.e. over greasing, under greasing or the introduction of contamination to the bearing via grease fittings). FlowLube™ automatically dispenses an exact amount of grease from a cartridge to each bearing over a selectable interval of between 1-12 months. Upon depletion, a grease cartridge is simply replaced and the interval is restarted via a localized microprocessor control.

FireClamps™ belt tool set is used for quick and easy separation and reconnecting the belt for service work. The set comes with a 1000 lb. capacity Warn electric winch. The tool set features quick acting clamps that attach to the edges of the belt without the need for any tools. Straps and shackles are provided to connect the clamps to the electric winch or a regular style chain hoist.

ColorMatch™ custom color option for belt, flights and FRP grating is available to wash operators who wish to have a close match to their branding and/or wash color scheme. Almost any color is available from the Classic RAL System. Please refer to the STI Conveyor RAL Color Guide or visit www.ralcolor.com for available colors.

DirtBlaster™ fire hose, fog nozzle and reel set is designed for convenient and effective washdown of the conveyor system on a regular basis. Keeping a belt conveyor clean is one of the best ways to maximize the life of the main wear components. The fire hose is 1.5" in diameter and comes with a high quality fog nozzle for maximum volume flow. The hose reel allows for a quick roll-up of the hose and should be situated at roughly the midway point of the conveyor for reaching both ends easily.

FlowPanel™ is a standalone VFD control panel. This is a convenient option for conveyor retrofits or for new builds where there is not enough room to provide the conveyor VFD in the MCC as supplied by the tunnel equipment manufacturer. This panel includes fuses, filters and a disconnect for the conveyor motor. It also can include an optional PLC for additional control functionality and data acquisition capabilities.

PitEdge™ option provides all necessary steel for embedding into the conveyor pit concrete. This package is manufactured to the exact specifications required to properly install a STI belt conveyor, often at a more competitive price than a local structural steel fabricator.

FlowHeat™ system is a heating solution for portions of the conveyor system that may be located outside the tunnel building in cold weather/winter conditions. FlowHeat™ ties in to the glycol heating systems of the tunnel to provide heat to key areas of the conveyor. This serves to prevent freezing which can damage conveyor components and cause downtime during cold weather operation.

DuraTrac™ is a durability package designed to maximize the life of the conveyor belt, sprockets and wear plates. It consists of wear resistant inserts on the bottom sliding surface of the belt, sprockets placed across the full width of each track, and STI's patented ExTrac dirt extraction system along the full length of the belt.