

# FlowLine 30



## Product Overview

The FlowLine 30 is STI's most popular product offering for the car wash market, it includes all of the industry leading design features and technology that make it the longest lasting, highest quality belt conveyor available today. Recommended for express wash tunnels with any type of equipment, this conveyor can run at any speed required. With over 70 of these conveyors installed in the US alone - you are sure to be happy with the throughput capabilities and lack of maintenance requirements this conveyor will give you.

Product Specifications		
Feature	FlowLine 30 SD (>150')	FlowLine 30 HD (<150')
Belt Thickness	3/4"	1"
Wear Plate Material	Stainless Steel	Stainless Steel
Wear Plate Thickness	1/8"	3/16"
Motor Type	Electric - VFD Driven	Electric - VFD Driven
Motor Position	Single Center Mount	Dual Side Mount
Pit Width	118"	118"
Steel Structure Coating	Galvanized	Galvanized

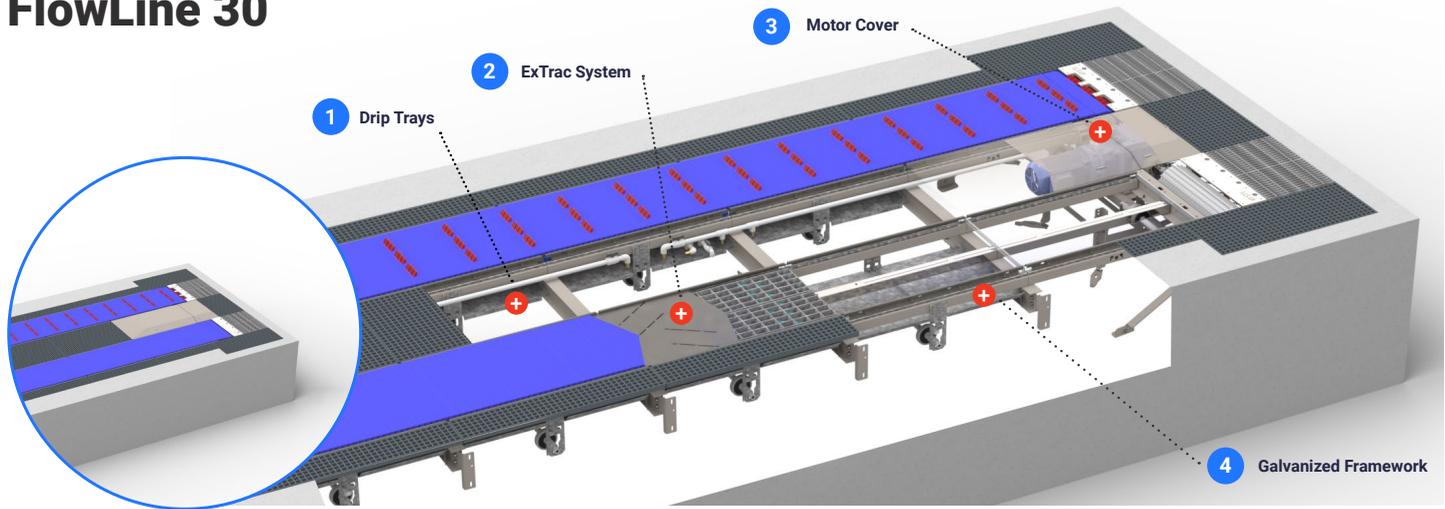


STI Conveyor Systems builds the best automobile conveyor systems in the world. The genius of their design is the ease of maintenance, uninterrupted service and safe operation for everyday use. From initial design, to installation and startup to 1.5 years of flawless operation I have had zero issues with their product; a truly positive experience for me, my business and my customers! The versatility of their design allows me to wash a wide range of vehicles that my competitors have to turn away. I will be using their products in all of my future sites.

— Daniel Pattillo  
Diamond Wash - Arkansas



# FlowLine 30



## Product Specifications

### 01 Drip Trays

Galvanized drip trays are installed underneath every ExTrac slot to ensure that the contaminants and dirt do not fall onto the bottom of the belt. These drip trays are sloped towards the gutter in the center of the pit, thereby eliminating any dirt from the system. Removing dirt and contaminants from the conveyor as quickly as possible is the key to maximizing the life of the consumables.

### 02 ExTrac System

The wear plates of the FL30 feature our ExTrac System, a series of slots cut in the plates that are designed to eliminate dirt & contaminants from the conveyor as quickly as possible. This is one of the design features which helps increase the lifetime of the belt, sprockets and wear plates.

### 03 Motor Cover

The galvanized motor cover at the exit tunnel has minimal height, only 2.5"! This allows you to put any production vehicle through your car wash.

### 04 Galvanized Framework

Every structural component of the FL30 is hot dip galvanized - Ensuring longevity in the harsh car wash environment.

## Key Benefits of Belt Technology

### Increased Throughput Efficiency

With the loading efficiencies of a belt conveyor, you could see a throughput increase of up to 20% compared to a typical chain conveyor.

### Improved Customer Experience

With our dual 30" belt tracks and site layout recommendations your customers are sure to have an easy and smooth loading experience, the fact that no correlator is required makes that experience better again!

### No Correlator Required

The FL30 doesn't require edge guides to keep the vehicle in place, and there is no correlator required! This means that you will have no damage claims related to the conveyor.

## Optional Equipment

### DuraTrac Wear Package™

STI's 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.

### FlowLube™

STI's 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 of a grease cartridge, it is simply replaced with a new one and the interval is restarted via a localized microprocessor control.

### FlowRinse™

STI's FlowRinse™ is a 4-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.