

ASGCO® – Eastern Conveyor Services Division Provides Critical Solutions to the Aggregates Industry

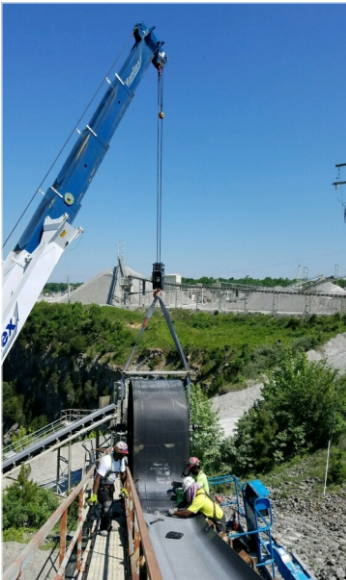
Industry: Aggregate / Crushed Stone
Application: Main Incline Conveyor
Product: Continental® ContiFlex® Conveyor Belt – 42" wide x 700', 3 ply 600 PIW 3/8" x 3/32"
Objective: String and hot vulcanize a new conveyor belt installation

Challenge:

There was no easy access to the splicing area on this conveyor system. The tail pulley was obstructed by both the equipment and the surrounding structure. In order to string the belt on such an elevated, inclined conveyor, the belt would need to be held over top of the system with a crane, which would bring up safety concerns that would need to be dealt with. The elevation and incline also made transporting the vulcanizing equipment much more difficult.

Solution:

ASGCO® recommended using the CONTIFLEX® textile reinforced conveyor belt which is highly engineered for steep-incline conveying. The extra strength meets the grueling demands of this heavy duty quarry conveyor system. A crane would be needed to hold the belt over the system during the stringing and a man lift for the non-catwalk side.



The belt is held over the conveyor with a crane as the ASGCO® service team installs a temporary splice.



The ASGCO® service team uses a high reach man lift to lay the belt onto the conveyor.



ASGCO's VUL-CON™ vulcanizing press is set-up on the conveyor to cure the belt.

Results:

The CONTIFLEX® textile reinforced conveyor belt is highly engineered for steep-incline conveying. It's extra strong for the grueling demands of this heavy duty quarry conveyor system. The vulcanized splice is much stronger than a mechanical splice and makes for a smooth transition as the belt travels through the belt scrapers. The customer was very pleased with the performance of the belt.

ASGCO® – Eastern Conveyor Services Division offers turnkey conveyor belt stringing and splicing. ASGCO® continues to invest in the latest technology of vulcanizing presses and equipment to continually improve our conveyor belt splicing techniques. With over 40 MSHA and OSHA trained service technicians, safety and training are paramount. Our technicians attend a certified conveyor belt splicing school certification class where they are trained in the latest splice procedures and material usage for conveyor belting.