



COMPANY BACKGROUND

Dos Santos International is founded on extensive worldwide experience in sales, engineering and construction of bulk materials handling systems and equipment. This has included major contributions that have expanded the range of bulk handling and transport solutions. Most notably, advances in Sandwich Belt High Angle Conveyors, the invention of owner and President, Joseph A. Dos Santos, have led to their worldwide utilization. The company's expertise spans a wide range of materials handling systems and equipment.

Consulting and engineering services are offered for the wide range of materials handling systems and equipment. Dos Santos International also offers discipline oriented engineering services in mechanical and structural engineering.

Dos Santos International is a family owned company. Founded in 1997, DSI moved its offices from Winfield, AL USA to Marietta, GA USA in 2007 upon the partnership of father Joe and son Marc. Marietta is located outside the greater Atlanta area. Besides their in house engineering staff, DSI maintains many dedicated and knowledgeable representatives around the world.

Built on over 40 years of experience, Dos Santos International approaches the future with a positive outlook. DSI is eager to provide optimal, modern, cost saving solutions to their worldwide customers.

PRODUCTS & SERVICES



HIGH ANGLE CONVEYORS

In 1979, Joe Dos Santos undertook a major study to develop a means of moving and elevating large quantities of bulk materials, including coarse products such as rocks, aggregate, coal, etc. at the steepest possible inclines. It was also his intent to use only existing and commercially available hardware in order to achieve the most economically feasible and easily maintained high angle conveyor design.

Joe conceived, researched and developed his sandwich belt design, with the help of a grant from the U.S. Bureau of Mines, while he was employed by a major American manufacturer of materials handling equipment. While such concepts had been tried over the years with mixed results, Dos Santos investigated & analyzed the many forces generated in this seemingly simple concept, and created the formulas which guaranteed the

successful design of such equipment. The DSI Snake Sandwich Conveyor represents the ultimate achievement of this aim.

A sandwich belt conveyor uses two conveyor belts, face-to-face, to gently but firmly contain the product being carried, hence making steep incline and even vertical-lift runs easily achievable. Sandwich belt high angle conveyors are available in widely ranging profiles of C and S-shape.



CONSULTING & ENGINEERING

Consulting and engineering services are offered for the wide range of materials handling systems and equipment. Dos Santos International offers discipline oriented engineering services in mechanical and structural engineering. These services may be used for technical and economic studies and evaluations, new systems, upgrades of existing systems, plant modifications and field assistance.

OVERLAND, CONVENTIONAL CONVEYOR SYSTEMS

Dos Santos International offers conventional conveyor systems of simple or complex profile to high capacities and high lifts.

Our overland conveyor projects have featured intermediate “booster” drives of the fixed tripper type as well as the belt on belt type. These have been effective in achieving great transport lengths with belts of only modest strength. “Booster” drives also allow us to control belt tension facilitating horizontal curves with minimal belt wander.

ExConTec – EXPANDED CONVEYOR TECHNOLOGY

At Dos Santos International, we have developed the "Expanded Conveyor Technology", a comprehensive conveyor analysis approach, extending the conventional conveyor technology beyond its currently perceived limits. This has proven successful and especially advantageous in analysis of complex curving conveyors and high angle conveyors.

Our in-house analytical techniques and computer software facilitate our complete belt tension and power analysis of the most complicated conveyor systems under steady state running, starting, stopping and other transient conditions.

SANDWICH SHOP

The DSI Sandwich Shop isn't serving hoagies and roast beef, but instead the Sandwich Shop has been developed to provide sandwich belt high angle conveyor operators a single source for high quality, reliable components. The right equipment is crucial to maintaining maximum productivity and efficiency. DSI's expertise in the field ensures that Sandwich Shop orders will be the right equipment, at the right price, every time.

Material spillage, carry-back and premature component wear are some indicators that your current parts may not be right for your system. A quick call to the experts at DSI's Sandwich Shop is the first step in resolving these issues. We can quickly assess your system and offer our advice for repairs and replacement parts. With the right parts in place, productivity will go up and wear will go down, saving money and maintenance effort.

Occasional under-performance at any well designed system has typically been due to non-spec replacement parts. The Sandwich Shop will serve as a one stop source for the highest quality parts, chosen especially for the customer's particular system.



DSI SANDWICH SHOP