

CONVEYING AND SCALPING RAW ALMONDS



Design Requirements

Product Type: Raw Almonds

Capacity: Up to 60 TPH (120,000 PPH)

Duty: 24/7 during harvest season

Conveyor Pan Size: 60"W x 48"D x 19'-11"L

Customer Challenge

The California almond industry is growing at an exponential rate and producers are expanding and updating their processing plants to increase output as quickly and efficiently as possible to meet consumer demand. An existing customer in the almond hulling and shelling operations needed to increase capacity up to 60 tons per hour while scalping out dirt, leaves, and branches.

Triple/S Solution

After consultation with the client to discuss details of their project, Triple/S Dynamics team customized the configuration for the needs of their specific application. Triple/S Dynamics designed a Slipstick Horizontal Motion Conveyor, 60"W x 48"D x 19'-11"L, carbon steel pan design, featuring carbon steel floor support structures, end mounted 15/5.0 drive unit, a 5 foot declining grizzly bar section to scalp off dirt, leaves, and branches and dual product discharges beneath the pan to discharge product in two different directions.

Triple/S and the Customer

This almond hulling and shelling operations company purchased their first Texas Shaker and Vibratory Conveyor from Triple/S Dynamics in 2003, nearly 18 years ago. The Slipstick Horizontal Conveyor will increase our customers capacity to 120,000 pounds per hour.