

TECNO TRUSS CHANGING THE CONSTRUCTION INDUSTRY IN CHILE

Tecno Truss is a company with more than 15 years of experience in the area of construction in the Chilean market. With more than 200,000 homes supplied.

Tecno Truss is a leader in the production of prefabricated building systems in Chilean building market. Delivering design solutions, architectural, and structural engineering services to both the residential and commercial construction sectors.

Tecno Truss has an extensive engineering department, which works alongside their customers, in order to supply the best solution.

Background

Mr. Rodrigo Pinto, General Manager of Tecno Truss, was introduced to the Scottsdale steel frame and truss manufacturing technology by Diego Rivera of Scottsdale Construction Systems at the IBS Builders Show in Florida. Mr. Pinto saw the Scottsdale steel rollforming machines manufacturing steel frames at the show as well as live software demonstrations.

Mr. Pinto and Tecno Truss had been looking for an alternative to building with traditional wood frames and trusses in Chile.

Following the show Mr. Pinto and other Tecno Truss executives visited a production plant in Denton Texas employing the Scottsdale Steel Frame and Truss Technology with Diego Rivera and viewed live design, live manufacturing and construction sites.

After a meticulous process of analysing and evaluating Scottsdale's technology, Tecno Truss purchased the Series 700 90mm Panelised Fabrication System, and a Series 600 Truss Fabrication System.



Tecno Truss fabricating steel trusses



Tecno Truss factory with fabricated trusses ready for installation





Tecno Truss Purchased the: Series 700 90mm Panelised Fabrication System; Series 600 Truss Fabrication System

A Total Solution Package Provided

Diego Rivera of Scottsdale arranged for the necessary steel, fixings, brackets, tools and consumables to be shipped from the United States to Chile to provide Tecno Truss with a Total Solution Package and enable Tecno Truss to immediately be able to undertake projects.

Diego Rivera, who is fluent in Spanish, lead a Scottsdale team that commissioned and trained Tecno Trusses staff on both design, engineering and manufacturing of light gauge steel frames and trusses.

The delivery of all the required elements from one source in the United States enabled Tecno Truss to set up its operation quickly and begin commercial production of steel wall frames and steel trusses once the training was complete.

The Result

Tecno Truss is aware of the commercial challenge that involves introducing new technologies into a market that is dominated by wood construction and traditional masonry. But working with Scottsdale Construction Systems has enabled Tecno Truss to supply steel frames and trusses for local projects and is successfully changing the way they build in Chile.

The future of Tecno Truss's steel framing business in Chile looks bright.



Commercial trusses on a block structure



Commercial Trusses Installed Chile.

SUMMARY

Objective:

An alternative method of construction in a market dominated by wood frames.

Solution:

Scottsdale's Panelised and Truss Fabrication Systems.

Benefits:

A Total Solution package including:

- Design & engineering support.
- Training of local teams.
- Supply of all equipment & materials necessary for a turnkey factory.
- On-going technical machine & software support in Spanish.