

New medium and small section mill automation in Corpacam

AIC proudly announces that the new section mill, recently established in Guatemala by the Corporación Acerera Centroamericana, started production last month of February.

The rolling mill includes two production lines, one for the small sections and the other for the medium sections products and it is going to produce a great variety of profiles, some of them not available in Guatemala at the moment, but imported from other countries.

The project consisted in the complete rolling mill automation starting from the reheating furnace to the cooling bed area, including the following sections:

- Reheating furnace automatic billet charging, discharging and temperature control
- Single stand reversible roughing mill
- Five stands roughing mill to feed the small and medium section lines
- Five stands medium section line

- Ten stands small section line
- Four clutch-brake shears
- Two Start Stop shears
- Hydraulic apron
- Two star-top cooling beds
- Roller tables, pinch rolls and auxiliaries
- Water treatment
- Main control pulpit
- Local desks
- Supervisory computers and data acquisition system

To achieve the required performance, AIC used state of the art Siemens PLCs and motion controllers, real time field bus networks and HMI operator and maintenance stations.



Corporación Acerera Centroamericana new section mill in Guatemala