

Steel Mills

Steel mills present structural design problems where consideration must be given to serviceability, service intensity, and building function as well as economics. The following project list demonstrates the experience and expertise at CSD in the design of steel mills.

Hot Strip Mill and Cold Mill



Project Type: Steel Mills

Client: Steel Dynamics

Location: Butler, Indiana

Description: 500,000 sf. Hot Strip Mill. Buildings containing cranes varying from 15 to 300 tons, and all building and machinery foundations. 500,000 sf. Cold Mill and Paint Line. Buildings with cranes varying from 10 to 80 tons, and all building and machinery foundations.

Plate Mill



Project Type: Steel Mills

Client: Nucor Steel

Location: Hertford, North Carolina

Date Completed: 1999

Description: 800,000 sf. plate mill. CSD designed the mill buildings with cranes varying from 20 to 250 tons.

Yamato Steel- Beam Mill



Project Type: Steel Mills

Client: Nucor Steel

Location: Blytheville, Arkansas

Date Completed: 1987

Description: 5000,000 sf. beam mill. CSD designed the mill buildings with cranes varying from 35 to 200 tons, including a crane runway with a 280 ft. clear span.

High Quality Bar Mill



Project Type: Steel Mills

Client: Steel Dynamics

Location: Pittsboro, Indiana

Date Completed: 2004

Description: CSD completed original design of the mill buildings for Qualitech steel and designed building additions and extensive machinery foundation for the retrofit by Steel Dynamics.

