



# Automation Solution 1.



## Tube Mill Drive System Rockwell Integrated Architecture

**INDUSTRY** Metals

**LOCATION** Indiana

**APPLICATION** Tube Mill Drive System; 200 HP PowerFlex AC vector drives in common bus configuration. PanelView operator interface and ControlLogix PLC; Ethernet communications to all components.

Complete solution from Chicago Electric encompassing design, control drawings, panel build, programming, test and start-up.

**COMPONENTS** Qty (3) - 200 HP; 1150 RPM vector motors  
Qty (3) - 200 HP PowerFlex 753 vector controllers  
ControlLogix PLC – 17-slot rack; 5561 Processor; Ethernet IP Module  
Bulletin 100 IEC Motor Control Components  
700S Series Safety Relays  
PanelView Plus HMI - 15"  
1794 Series Flex I/O



**CHICAGO ELECTRIC**

Chicago Electric is a Recognized System Integrator for Rockwell Automation, with extensive experience in a wide variety of applications throughout the USA.