

MEDIUM SECTION MILL - FINISHING END FACILITY



Equipment:

Conveyors, Straightener, Cold transfer and Layer forming, Cold Shear, Gauge Beam, Stacker, Strapper, Weighing and Tagging

Scope:

System Engineering, Installation Engineering, Programming, Commissioning

Approach:

Work closely with client to specify the requirements, frequently review designs, use latest technology in drives, networking and programming tools, apply automated drawing generation software. Direct purchasing and installation of equipment by Owner, system integration by Quad.

Benefits:

Lower overall project cost, owners familiarity with the systems no surprises.



Technical details

- PLC:** Schneider Quantum
Qty: 5
Number of racks: 15
Networks: Modbus plus, Ethernet, Interbus-S
- HMI:** Iconics with OPC server
Hardware: Nematron touch screen industrial computers
Qty: 7
Interface: Modbus Plus
- AC Drives:** Allen-Bradley 1336 Plus
Qty: 19
Sizes: 7.5hp to 100hp
Interface: Modbus Plus via Prosoft module
Application: Conveyors and non-critical Transfers
Control: Primarily Speed
- DC Drives:** Allen-Bradley 1397
Qty: 26
Sizes: 25 to 300hp
Interface: Modbus Plus via Prosoft module
Application: Shear, Straightener, Transfers
Control: Primarily Position