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## **TRANCO - HIGH SPEED CUTTING MACHINE**

**ABB** 

## **Project Overview:**

The Tranco is a high-speed cutting machine that produces wound cores for transformers. Ceramic-coated steel is fed into the machine and is cut by a high speed shear to produce a wound lamination.



The system control uses communicating to Cimplicity HMI via Modbus Automation ΙT (Qld)'s extensive engineering and product knowledge instrumental in this projects success.

The control system included:

Software engineering

- Stepper Motor Control
- Core Weighing Station
- Operator Interface Material Procurement MCC cubicle design and supply **Factory Acceptance Testing PLC** 
  - GE Versamax - Koyo DL06
  - OCS controller

SCADA - Cimplicity Plant Edition





**CIMPLICITY HMI RS VIEW ALLEN-BRADLEY SIEMENS** 



**MODICON**