

ARTECO MOTION TECH – Axis Controllers & PLCs for Automatic Machinery control.

The Axis **Controller with included PLC** is an advanced control equipment able to fully control all axis and I/O of an automatic machine. All of Arteco Motion Tech controllers can control the movement to the needed position of mechanical axis moved by electric motors.



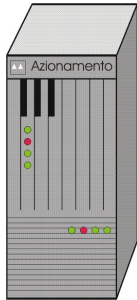
The user develops the program machine using the standard IEC61131 programming languages, then uploads the program to the **Axis Controller & PLC** equipment

Axis Controller & PLC
For example model SU112



The **Axis controller** drives the **Motor Driver** by the +/- 10V analog reference and the 24VDC Enable signal

Motor Driver



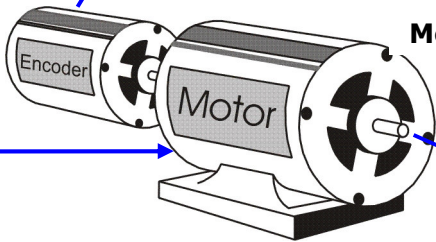
Control loop example for 1 Axis. **SU112** can control from 1 to 5 Axis, 32 digital input, 32 digital output at the same time

The **Axis controller** does also **I/O PLC** functions at the same time

The **Axis controller** receives the position information from the incremental **Encoder**

Encoder

Motor



The **Motor Driver** drives the **Motor** according to the **Axis Controller & PLC** commands

Mechanical Movement of the **Machine**, for example palletizers machinery, pick and place machinery, cutting machinery, packaging machinery, special machinery any other machinery or automatic controlled systems