

KRAKEN CAD Drawing Services

Kraken Automation can provide a comprehensive CAD service resource applicable to any customer project.

Every completed drawing is AutoCAD compatible, available to clients in hard copy formats or electronically (CDs or as Email attachments). Given the extent of design scope within projects, Kraken can provide a wide spectrum OF CAD drawings, from comprehensive process or packaging line layouts to detailed electrical schematics.

Electrical CAD Drawings

All electrical power wiring drawings highlight phase by phase connections for breakers, fuses, motor contactors, soft starters, variable frequency and servo drives, transformers, along with device specific data such as motor full load currents, horsepower, fuse ratings, breaker and overload settings. These drawings can be represented in a single line format, or detailed phase layout.

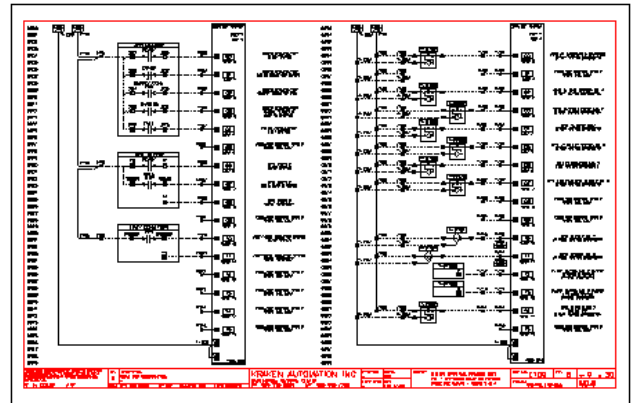
Control wiring drawings detail individual device supply requirements, circuit fuse ratings and/or breaker settings, PLC I/O module systems, and specific relay based arrangements.

Where control panel assembly is involved, Kraken provides complete mounting, pan and front panel layout drawings (to scale) with a comprehensive bill of materials and nameplate listings, leaving nothing to question with clients.

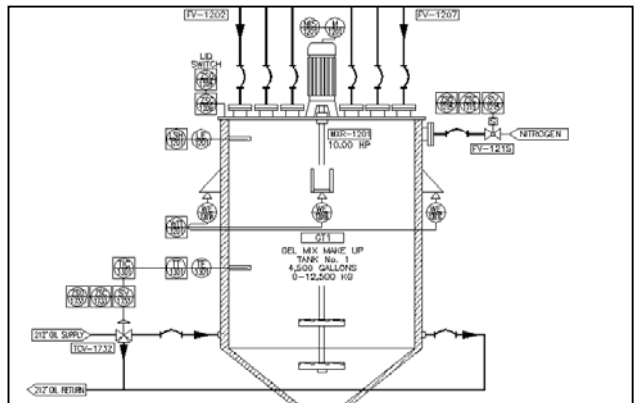
For installations that include PLC and HMI systems, the electrical drawing set would detail PLC rack layouts, communication topologies, and device specific settings (e.g. DIP switches, jumpers, etc.).

Process CAD Drawings

In the area of process systems, Kraken Automation can prepare Process and Instrumentation drawings, equipment layout drawings (plan elevation 3D isometric), process flow schematics, and all related overview/detail drawings for peripheral systems (building electrical/mechanical services, etc.).



Electrical Drawings



Process and Instrumentation Drawings

