



BOMAC is your one-stop source for coordinated AC & DC drives systems. Whatever your application (from fractional to 3,000-plus HP), we have the products and experience you need in Process, Machine and Drive control. Whether your project is a small modernization or a plant-wide expansion, **BOMAC** can provide total turnkey solutions, including Human Machine Interfaces (HMI), PC, PLC, as well as the Drive System Integration.

Applications

BOMAC provides coordinated AC & DC drive systems to a worldwide customer base (primarily for use with continuous web or strip processing equipment):

- Converting equipment (laminating, coating, printing, slitting & rewind machinery)
- Extrusion coating & laminating
- Film making (blown & cast machinery)
- Paper making

Other applications include:

- Cranes
- Dynamometers & Test stands
- High HP Plastic Pelletizer Equipment

- Position Control (cut-off knives, sheeters, indexing, print registration)
- Power Generation

A Full Range of Drive Products

Electro-Flyte & Harland Simon CSI

BOMAC has acquired Electro-Flyte & Harland Simon CSI drive systems equipment and database. This database includes over 30 years of drive systems: drawings, bills of material and Electro-Flyte product support. Product support includes: spares, repairs, and servicing of all Harland Simon CSI/Electro-Flyte equipment manufactured from 1966 to 1999. **BOMAC** has employed key Harland Simon CSI & Electro-Flyte engineers, sales/applications personnel and technicians to provide this support.

Siemens

Siemens, a global supplier of drives and automation counts on **BOMAC** a Siemens Authorized Systems Integrator to provide its customers complete drive solutions. From integration design through the complete lifespan of the products **BOMAC** supports Siemens applied drives for the most demanding applications using the Siemens MASTER-



2-Drum Slitter CD Drive System

DRIVES range.

- AC MASTERDRIVES 6SE70 Vector Control from 230V - 690V AC, 0 - 5,000 HP
- DC MASTERDRIVES 6RA70 from 230V - 690V AC, 0 - 5,000 HP

Eurotherm

Eurotherm, an international drive manufacturer, counts on **BOMAC** to provide customers with cost-effective, full-service solutions to their projects. As an authorized Eurotherm drives Systems Integrator, we are proud to offer their



Extrusion Laminating Line DC Drive System



Multi section AC Vector Drive System w/ plc

complete product line. These offerings include:

- AC Drives - 690+, 584SV, 605, 620L, 650
- DC Drives - 590+, 590, 590SP
- LINK distributed communication/control systems
- Parvex motion control

Alternative Drive Offerings

In addition to the above, **BOMAC** also provides drives from these other fine suppliers:

- ABB (ACS800)
- GE (especially AV/DV 300 products)
- Hitachi
- Mitsubishi
- Rockwell (A-B, Reliance)
- Toshiba
- Yaskawa

Drives Plus ...

PLC's

BOMAC is experienced in virtually all PLC's manufactured worldwide, such as Modicon, GE, Siemens, Telemecanique, and PLC Direct. We are a *Strategic Supplier* for Rockwell software; i.e. Allen-Bradley plc's.

SCADA Systems

Many of **BOMAC's** coordinated drive systems have included a SCADA & HMI package. The process control supervisory systems package serves several important functions to help managers:

- Analyze problems
- Centralized real-time machine & drive control
- Gather data
- Manufacturing information including production totals, etc.
- Provide quality control
- Real-time & historical trending of process variables
- Recipe based process control
- Remote access to the process, machine and drives
- Scheduled maintenance & troubleshooting



Operator's Control Console w/ touchscreen HMI

We have used the following software packages:

- Intellution iFix & Fix 32
- National Instruments: LabView, BridgeView & Lockout
- Rockwell RSView32
- Wonderware

BOMAC's software engineers are highly skilled at producing these codes in several different languages.

Full Service and Support

BOMAC offers truly start-to-finish solutions:

- **Quotation:** Bomac sales and project engineers meet with each customer to develop a cost-effective, comprehensive specification for your explicit requirements.

- **In-House:** Once the order is placed, **BOMAC** will proceed with design, produce preliminary drawings, customer review, manufacturing, system testing and shipping with a complete documentation package including drawings, software code and a systems manual.
- **Installation/Commissioning:** **BOMAC** provides personal attention to assure smooth operation before, during and after delivery of your system.
- **Post Commissioning:** Depend on **BOMAC** for systems support that stays with you:
 - 24/7 support
 - Emergency response (by phone or on-site within 24 hours if needed)
 - Training
 - PLC and HMI support
 - Component spares and repairs (parts inventories)
 - Preventative maintenance
 - Field modifications

See the Difference

Whatever your AC/DC drive system requirements, count on **BOMAC** to broaden your vision with our full spectrum of the highest quality products and services. Contact us today for your total systems solution. Please visit our web site at www.bomacinc.com

For more information on our Engineered Drive Systems, please contact Chuck Lincoln, Sales Manager, Drive Systems at clincoln@bomacinc.com