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neweraconverting.com

DRIVES & CONTROLS



Allen Bradley
Drive and Control System

NEW ERA

Drives and Controls

More than just the most advanced Drive and Control hardware and software is required to achieve maximized productivity from a web converting line. An understanding of the process and equipment is also needed to optimize the system.

The expertise of New Era's Controls Team in the web processing industry allows us to offer integrated Drive and Control solutions for even the most demanding applications. Whether part of a new line or an upgrade to an existing line, New Era has the engineering expertise, start up support, and after sales service to allow the customer to optimize their web processing line.

Service

Of paramount importance is the ability to service a customer's drive and control system. At New Era, our technicians provide 24 hour a day, 7 day a week field service on a global basis. Whether it's for installation, start up, or after sales service, New Era's technicians are available to support every part of our production lines. Our technicians have extensive electrical and mechanical experience, are constantly being trained on the latest technology and systems, and have a wide variety of diagnostic tools at their disposal. We are committed to providing the service required to keep our customers' systems running.

New Era's remote diagnostic capability allows our engineering group to monitor, troubleshoot and maintain installed control systems from our facility, providing customer support in a timely and cost effective manner. When a customer has a problem or requests a modification to a control system, New Era can be on line instantly over a broad band connection to monitor process variables, troubleshoot system data and program PLCs, HMI stations and drives. The remote diagnostic system not only saves our customers time and cost, it also provides them peace of mind knowing that a qualified, experienced controls engineering team is at their immediate disposal.



Siemens Drive System with SCR Heater Controls for an Electrically Heated Dryer



Cleanroom Drive Cabinet Installation

Drive Systems

New Era has extensive experience working with all the major drive manufacturers. Whether you are looking to upgrade an existing line or create a new one, New Era can integrate a system using drive hardware to meet your needs and requirements.

Our in-house engineering group will program the drives to your parameters and perform a full test prior to shipment. Our field service technicians can provide start up services as well as post start up support.

Control Systems

From the simplest applications to the most demanding, our Controls Engineering Team has the expertise as well as the experience to provide you with a seamless package to meet your needs.

Our repertoire includes experience with a wide variety of PLC's, machine mounted devices, soft PLC's, HMI terminals, data acquisition systems and recipe/supervisory software packages. Custom systems can be provided to control machine sections, complete processing lines, third party devices, and entire manufacturing facilities.

System Integration

New Era has a wealth of expertise providing fully integrated, seamless drive and control packages for upgrades to existing processes or as part of new systems. Our process, mechanical and electrical engineering groups work together to provide you with the hardware, software, programming and service needed to offer a state of the art system that is tailored to meet your specific needs. Our scope includes drives and PLC hardware and software, a custom supervisory computer, motors and encoders, mechanical speed reduction and power transmission components, machine mounted controls devices and appropriate mounting hardware.



HMI



Unitized System with Drive Cabinet Integrated on Machine Frame

We are **NEW ERA**

New Era Converting Machinery is a world leader in processing equipment for the web converting industry. Conveniently located in a 48,000 square foot facility in Northern New Jersey, New Era offers a wide variety of web converting equipment including: unwinds, winders, coaters, laminators, embossers, dryers, drive and control systems, roll handling equipment and web handling systems. From simple components and sections to fully integrated high-speed automatic process lines and systems, New Era can engineer a solution to meet your requirements.

New Era's customer driven approach to equipment engineering and design allows users to obtain systems that are tailored to their needs. Our Process and Design expertise allows us to tackle even the most challenging applications in an efficient, cost-effective manner. Demanding practices are employed in the manufacturing, assembly and testing of every piece of equipment we provide.

New Era is committed to incorporating cutting-edge technology into its products. We maintain a fully operational, highly flexible Pilot Line Facility as well as a production scale Unwind/Winder Test Stand System, allowing us to work with our customers in developing new equipment and processes. Several of our Patents have assisted customers in meeting their needs.

New Era offers complete Turnkey Services for all of its products. Our experienced staff can provide these services around the world in a professional, timely fashion.

No matter how small or how large your needs are, look to New Era to provide you with a solution engineered for maximized productivity.

