HELM-PAK®

Total Press and Automation Control Solutions from the Industry Leader

- Various PLC Platforms
  - Allen-Bradley MicroLogix™
  - Allen-Bradley SLC™
  - Allen-Bradley CompactLogix™
- Redundant Clutch/Brake Control
- Main Motor Control
- Lube Control
- Programmable Limit Switch
- Brake Monitoring
- Die Monitoring
- Signature Analysis
- Servo Feed Interface
- Shut Height and Counter Balance Control
- Ethernet Connectivity

MicroLogix 1500 and CompactLogix Control

SLC-500 Control

Complies with ANSI B11.1 OSHA 1910.217. A TUV certified system is also available.

Rockwell Automation
Encompass™
Product Partner
Global

HELM

**Compact enclosure
36" x 30" x 12"**

- Powerful, flexible, and very affordable

- Featuring resolver Input

- Interactive touchscreen for ease of set-up and operation

- Press speeds up to 2000 SPM

- Standard and custom enclosures available

- Expandable I/O configurations for integrating auxilliary machine control

- Additional control options include:
  - Temperature   - Displacement
  - Vibration   - Velocity

- System enhancements made easy with Ethernet or remote access modem kit

- Network Helm-Pak controls for plantwide data acquisition, downtime and production efficiency reporting

Integrate All of Your Automation

- Die Monitoring
- PLS
- Transfer Control
- Servo Feed Interface
- Conveyors Stackers/Destackers
- In-Die Measurement

- In-Die Welding
- Gauging
- Die Change Equipment
- Die Clamping Systems

Only Helm Offers Specialty I/O Modules for Allen-Bradley SLC, MicroLogix 1500 and CompactLogix Platforms

The Helm-Pak control combines advanced technology from two industry leaders, Helm and Allen-Bradley. The system configurations begin with standard off the shelf Allen-Bradley processors and I/O modules for basic functionality. Then, we add the automation with Helm specialty I/O modules for the SLC and Compact I/O platforms. These modules include:

- Sine/Cosine Resolver Module with built-in SPM and Brake Monitoring
- Two Channel Strain Gage Input Modules for Tonnage Monitoring
- Process Automation Module (PAM) for Die Monitoring and PLS

Helm-Pak is an excellent and affordable choice for upgrading your existing press controls. This advanced approach to machine control eliminates relays and outdated "black box" technology. With redundant processors, Helm-Pak is designed to meet or exceed ANSI and OSHA requirements.

For advanced systems, Helm has a team of engineers to provide custom on-site or in-house programming for any automated functionality that is required.

HM 1530 Resolver input module for MicroLogix and Compact I/O

HM 1520 Two channel Peak load modules for MicoLogix and Compact I/O

HM 7100 high speed resolver input module with pre-programmed PLS and Die Monitoring

HM 604 Two channel peak and Thru Stroke load modules for SLC

Model HR-1101 Sine-Cosine Resolvers

Global Support.
Australia, Austria, Belgium, Brazil, China-People's Republic of, Croatia, Czech Republic, Denmark, France, Germany, Hong Kong, Hungary, India, Indonesia, Ireland, Israel, Italy, Japan, Malaysia, Mexico, The Netherlands, Norway, Philippines, Poland, Russia, Singapore, Slovakia, Slovenia, South Africa-Republic of, South Korea, Spain, Sweden, Switzerland, Taiwan, United Kingdom.

Multiple Operator Interfaces available, including Allen-Bradley Panelview™ and Helmsman™ PC
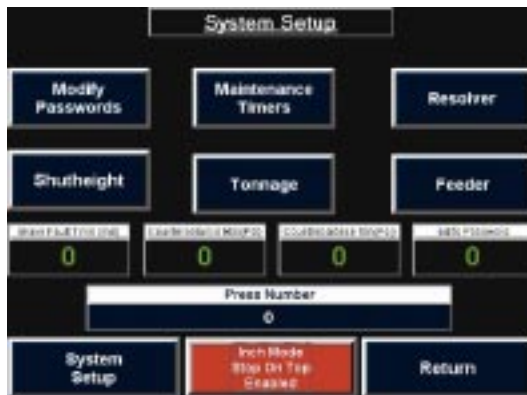
MAIN MENU

- Helm-Pak controls feature recipe management
- Store and retrieve all operating parameters for each die set-up
- Counters enable part and batch control
- Multiple timers assist in maintenance scheduling
- On-screen faults and prompts simplify machine operation

The Helmsman PC display offers enhanced flexibility and system monitoring status through the power of the Pentium processor. Downtime tracking and production efficiencies are achieved with Microsoft Access and Excel. The Helmsman display comes standard with a 10/100 Ethernet port for plantwide networking capabilities. Additional ports offer serial communication to other auxiliary devices such as feeders, gauging systems, and bar graph readers/writers etc.

RECIPE MANAGEMENT

COUNTERS

Go to www.helminstrument/survey to download a Helm-Pak press control worksheet.

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