

**TECHNICAL
TRAINING
WORKSHOPS**

in
SAUKVILLE, WISCONSIN

◆ **Matrix Packaging Machinery, Inc. workshops will transfer our packaging machine knowledge to YOU!**

- **Let US help YOU solve your production problems**
 - Achieve more speed – less waste
 - Do MORE with less
 - Sharpen YOUR troubleshooting skills
 - Improve YOUR return on investment
 - Knowing how the bagger works makes it easier to keep the bagger running

◆ **Our workshops are geared toward adult learning, employing techniques and practices used by industrial and educational leaders**

- **Our instructors are experienced professional industrial educators**
 - Over **75 years** combined **experience** in the packaging industry
 - Our instructors care about our customers' expectations and learning experience, offering whatever it takes to ensure your **learning experience** is **meaningful and rewarding**

◆ **Matrix training facilities are state-of-the-art and designed to promote learning and enhance your total experience**

- Major machine assemblies are on hand and dedicated to allow for intimate, hands-on training ... without leaving the classroom
- Real machines available for student use



**STATE-OF-THE-ART
CLASSROOMS**

◆ **Training and education you will receive in a Matrix Packaging Machinery, Inc. workshop:**

- Safe Practices
- Component Identification
- Proper Operation
- Program Parameters
- Programming Tips
- Registration
- Jaw Alignment
- Jaw Face Alignment
- Tear Notch Alignment (Option)
- Principles of Electronics Troubleshooting (AS APPLICABLE)
 - PLC (Input/Output – what they mean)
 - Touch Screens (Calibration)
 - Heaters and Heater Control
 - Frequency Drive Parameters
 - Electric Eyes Proximity Switches
 - Stepper Drive Principles (AS APPLICABLE)
 - Servo Drives (AS APPLICABLE)
 - Principles of Pneumatics
- Troubleshooting Pneumatics (AS APPLICABLE)
 - Air Cylinders
 - Directional Control Valves
 - Flow Controls
 - Regulators/Filters/Oilers

◆ **Packaging Material Principles and Characteristics**

- What Works – What Doesn't
- C.O.F. Requirements for ALL V.F.F.S. Baggers
- Shelf Life
- Graphic Layout / Eyespot
- **Options' Principles of Operation**
 - Poly Jaws
 - Stager
 - Load Shelf
 - Poker
 - Gas Flushing
- **Filling Devices**
 - Principles of Operation
 - Best Practices

◆ **Upon completion:**

- You will receive a diploma recognizing your participation and personal achievement
- Satisfaction that you have received useful and timely information that you will use on the job every day



◆ **Who should attend:**

- Operators
- Maintenance Personnel
- Electricians
- Supervisors
- Quality Assurance
- Managers
- Owners
- Film Suppliers

◆ **Courses we offer:**

1. **Matrix Workshop for 1000/2000 Pro Series Baggers with Mitsubishi PLC Control and Scale or Other Feed Systems**
2. **Matrix Workshop for Pro Series Baggers with Allen Bradley PLC Control and Scale or Other Feed Systems**
3. **Matrix Workshop for G-Series Mercury/Ares/Orion Baggers with Allen Bradley PLC Control and Scale or Other Feed Systems**
4. **Matrix Workshop for G-Series Proteus II / ELETE / Triton Baggers with Allen Bradley PLC Control and Scale or Other Feed Systems**
5. **Supervisors Workshop**
6. **Film Suppliers Workshop**
7. **Custom Workshops – Dedicated workshops tailored to YOUR specific needs and requirements**

◆ **Each Matrix Workshop (courses 1 thru 4) can be taught for various skill levels (for example):**

- Operators
- Maintenance/Electrician

◆ **All Workshops are structured on a standard lesson plan customizable on the spot with input from each participant to address their needs and concerns.**

◆ **If you own a Matrix bagger with an auger, volumetric feeder, pump, or other feed (fill) system please call for a free consultation to explore where you fit in the schedule or if you'd like to consider arranging to attend a Custom Workshop.**

◆ **Hands-on at your facility - Training in the field, at your site**

- Our professional staff of Field Service Technicians are experts at transferring their knowledge to you in your production environment.

◆ **Improve speeds/output**

- More Uptime
- Faster and more accurate troubleshooting
- Significant increases in productivity ...
- **EXCELLENT R.O.I.**



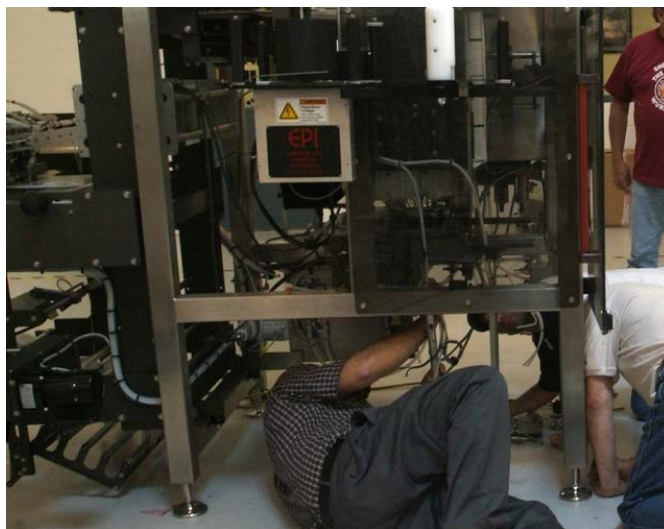
Pneumatic Training

FOR MORE INFORMATION CONTACT US AT:

Matrix Packaging Machinery, Inc.

**Phone: 262-268-8300
 Ext: 308 or 324**

NOTE: Quad seal, FBB, Gusset / Tucking, Valve Application are conducted in the field only. Workshops cover theory only.



Digging into system identification on the shop floor at Matrix

