

TEACH & ASSESS ADVANCED SUPPLY CHAIN AUTOMATION SKILLS

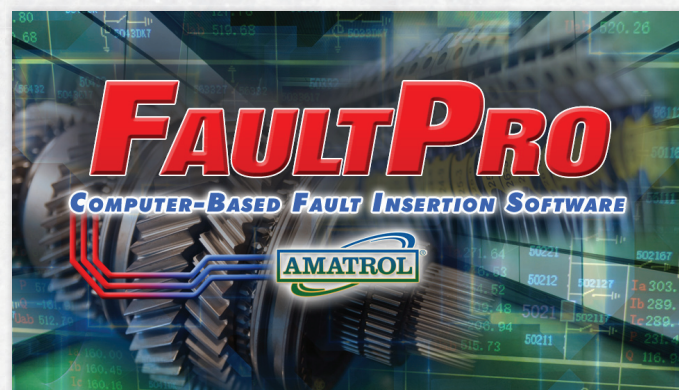
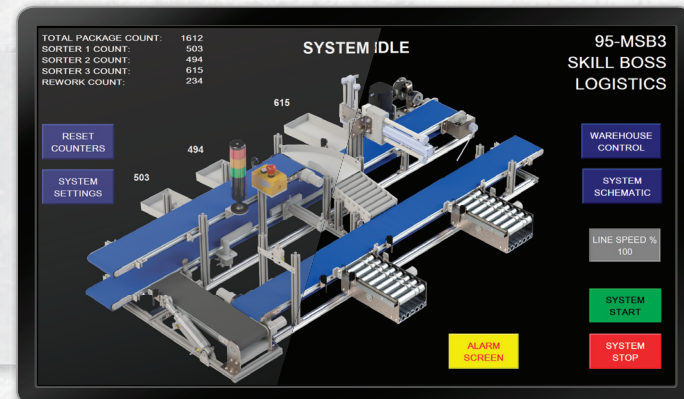


Industrial Quality Components:

- Programmable Logic Controller (PLC)
- Ethernet Network with Managed Switch
- AC & DC Electric Variable Speed Motors
- Human Machine Interface (HMI), PC-Based
- 2-D Barcode Scanner
- Sensors: photoelectric, thru-beam, retro-reflective, diffuse, inductive, limit switch, & magnetic reed
- Vacuum Lift Electro-Pneumatic Manipulator
- Multiple Conveyors: belts & rollers
- Induction Conveyor
- Variable Speed Distribution Conveyor
- Multiple Discharge Chutes

Warehouse Control System

- PC-Based Human Machine Interface (HMI)
- Order Entry
- Operation Monitoring & Control
- Real-Time System Performance Evaluation
- Alarm and Fault Monitoring



Computer Based Fault Insertion

Skill Boss is equipped with Amatrol's exclusive FaultPro computer-based fault insertion system. FaultPro safely inserts over 45 real world faults to enable training and assessment of troubleshooting skills. FaultPro tracks troubleshooting skills and provides data reports for assessment and improvement.

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SUPPLY CHAIN AUTOMATION

Skill Boss LOGISTICS

Training & Assessment System

PRESENTED IN COLLABORATION BY
THE MANUFACTURING SKILL STANDARDS COUNCIL (MSSC) &
AMATROL - THE WORLD LEADER IN TECHNICAL EDUCATION



AUTOMATED DISTRIBUTION SYSTEM

TRAINING - ASSESSMENT - CERTIFICATION

Skill Boss
LOGISTICS



Skill Boss Logistics teaches and assesses 100 hands-on skills supply chain automation technicians need. Skill Boss is the required assessment device for the following MSSC's Certified Technician – Supply Chain Automation (CT-SCA) certifications.

CTSCA-EM - Equipment Maintenance

Maintaining, Operating, & Adjusting Equipment

- Safety
- Preventive Maintenance
- Equipment Adjustment
- Measurement
- Hand Tools
- System Monitoring & Operation

CTSCA-ER - Equipment Repair

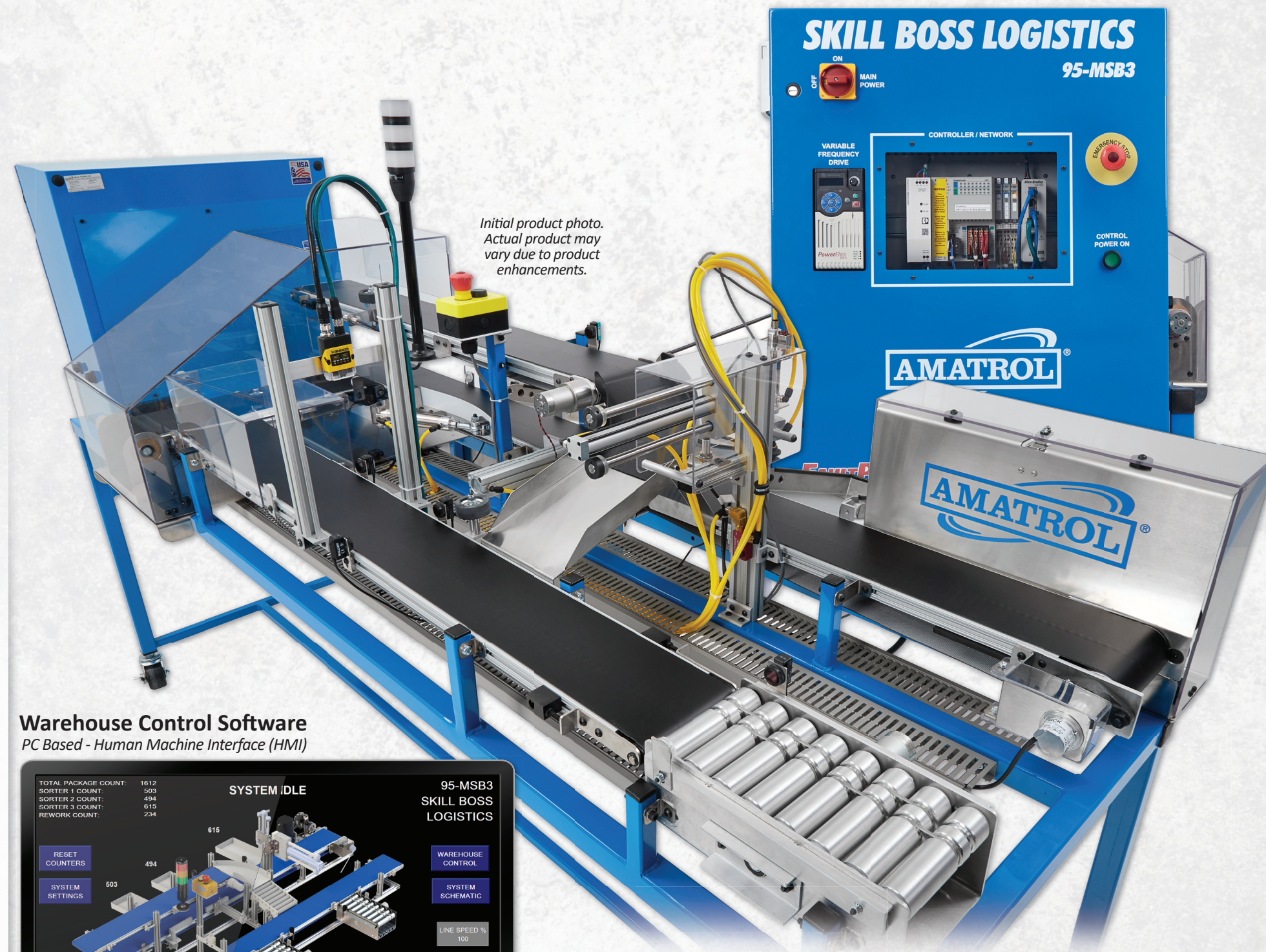
Installing, Troubleshooting, and Repairing Equipment

- Pneumatics
- Electrical
- Mechanical
- Print Reading
- System Troubleshooting

CTSCA-NR - Network Repair

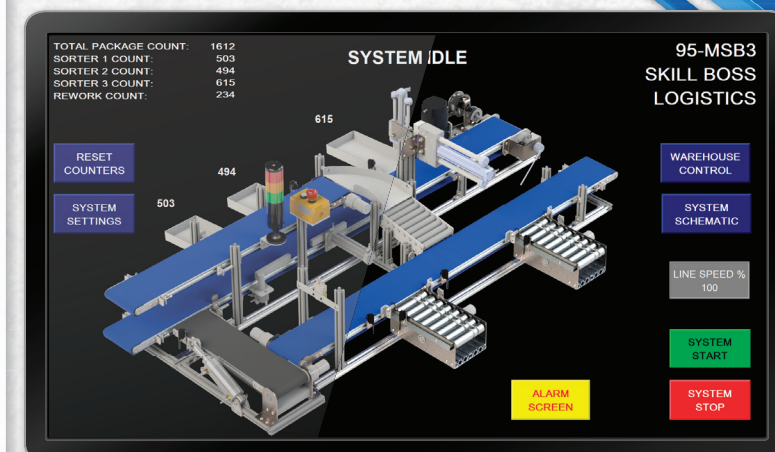
Installing, Troubleshooting, & Repairing Basic Controllers & Networks

- Programmable Logic Controllers (PLCs)
- Variable Frequency Drives (VFDs)
- Barcode Readers
- Ethernet Network
- Electronics System Troubleshooting



Warehouse Control Software

PC Based - Human Machine Interface (HMI)



FAULTPRO™
COMPUTER-BASED FAULT INSERTION



Skill Boss Logistics is a real working automated distribution system that performs the following operations:

- Distribution of Packages to (3) Destinations
- 2D Barcode Package Tracking
- Automatic Package Queuing & Priority Release
- Electro-Pneumatic Sorting
- Vertical Package Sorting
- Conveyor Material Handling
- Jam Sensing
- Product Gap Optimization
- Package Data Tracking & Control
- Package Rework
- Package Recirculation

The premier solution for your supply chain automation assessment & training:

- Compact: fits easily in any classroom
- Transportable: use in multiple locations
- Easy to Use: hands-on training manual included

Uses Industrial Components & Systems for Real-World Training