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| 95-MSB3 Skill Boss Logistics |
| Requirements: 120V/60Hz/1ph Electrical, Compressed Air, PC w/ Touchscreen |
| Workstation |
| Operator Station |
| Sortation System   * Belt * Roller Type Conveyors * DC-Drive Controlled Induction Conveyors * Automatic Package Queuing & Priority Release * Vertical Sorter * Barcode Scanner * Jam Sensors |
| (3) PLC-Controlled Discharge Chutes |
| Manual Rework Station |
| C34110 Instructor’s Guide |
| D34110 Maintenance & Operation Manual |
| K34110 Instructors’ Resource PCD |
| FaultPro Computer-Based Fault Insertion Program |
| 33970 Hand Tool Package – Skill Boss Logistics |
| Mini Grease Gun |
| Assorted Wrenches |
| Screwdrivers |
| Allen Wrenches |
| Pliers |
| Ratchet w/ Extension & Sockets |
| Torque Wrench |
| Dial Indicator |
| Tension Tester |
| Rules |
| Micrometer |
| Tape Measure |
| Feeler Gauge |
| Dial Calipers |
| Tachometer |
| Multimeter |
| 890-PECB Programmable Controller Troubleshooting |
| Mobile Workstation |
| PLC Mounting Console |
| Fault Insertion System & Software |
| Start/Stop Power Station |
| Application Station Mounting Module |
| User’s Guide |
| USB Cable & Interface |
| D40109 Installation Guide |
| 890-AB5500 PLC Troubleshooting Learning System |
| Allen Bradley PLC w/ Control Logix 5000 Processor, (32) 24 VDC Discrete Inputs, (32) 24 VDC Discrete Outputs, & PC Programming Cable |
| I/O Connector Kit |
| Fault Insertion Engineering Integration & Connector Kit |
| M40660 Student Curriculum – PD-Based Interactive Multimedia |
| C40660 Instructor’s Guide |
| K40660 Instructor’s Resource Print CD |
| D40660 Installation Guide |
| D40261 RSLinx Installation Guide |
| H19716 Student Reference Guide |
| H19717 Student Reference Guide |
| 89-IOS I/O Simulator Application Station |
| (16) 2-Position Selector Switches |
| (16) Output Indicators |
| 89-BCD-B BCD/LED Application Station |
| 4-Digit Thumbwheel Unit |
| 4-Digit LED Display |
| 3/4 Digit Toggle Switch |

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| 89-EP Electro-Pneumatic Application Station |
| (2) Double-Acting Pneumatic Cylinders |
| Solenoid-Operated DCV |
| Speed Control Valves |
| Limit Switches |
| Pressure Switch |
| 89-DWS Discrete Wiring Application Station |
| Limit Switch |
| Inductive Sensor |
| (2) 24V Terminal Wiring Blocks |
| (2) Common Terminal Wiring Blocks |
| Input Terminal Block |
| Output Terminal Block |
| Solenoid Valve |
| Motor Starter |
| 24VDC Power Connection |
| 17247 Consumable Package for Discrete Wiring |
| 1000’ 16 GA. Blue Wire Roll |
| 1000’ 16 GA. Blue/White Wire Roll |
| 17251 Wiring Toolkit for Discrete Wiring |
| 3/16” Cabinet Tip Screwdriver |
| #2 Philips Screwdriver |
| Combination Wire Cutter/Stripper |
| 1/8” Cabinet Tip Screwdriver |
| #1 Philips Screwdriver |

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| 970-ME1 Mechanical Drives 1 Learning System |
| Requires: 120V/60Hz/1ph electrical, PC |
| Mobile Workstation |
| Motor Base Package |
| Bearing Package |
| Prony Brake |
| Shaft and Standoffs Package |
| Rotary Power Component Package |
| Alignment Package |
| Gauging Package |
| Digital Tachometer |
| Toolbox |
| Lockout/Tagout Kit |
| M19146 Student Curriculum – Interactive PC-Based Multimedia |
| C19146 Instructor’s Guide |
| K19146 Instructor’s Resource Print CD |
| D19146 Installation Guide |
| H19146 Student Reference Guide |

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| 41227 Hand Tool Package – Mechanical Drives 1 |
| Socket Set |
| Torque Wrench |
| (2) Combination Wrench |
| Screwdriver Set |
| 6” Rule |
| Allen Wrench Set |
| (10) Corrosion Inhibiting Wrap |
| 6” Dial Calipers |
| Feeler Gauge |
| Dead Blow Hammer |
| Leather Gloves |
| Wax Crayon and Holder |
| Magnifier |
| Nylon String |
| Oil |
| Keyway Punch |
| Rubber Gloves |
| Spring Scale |
| Tape Measure |
| Threadlocker |
| 3-Drawer Tool Box |
| Utility Knife |
| (2) Wire Brush Set |
| Masking Tape |
| Scissors |
| 97-ME2 Mechanical Drives 2 Learning System |
| Coupling/Sprocket Package |
| Belt Package |
| Chain Package |
| (2) Components Package |
| Indicator Package |
| M19152 Student Curriculum – Interactive PC-Based Multimedia |
| C19152 Instructor’s Guide |
| K19152 Instructor’s Resource Print CD |
| D19152 Installation Guide |
| H19152 Student Reference Guide |

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| 96-PFC-1 Pneumatic Fitting Construction Learning System |
| Construction Panel |
| Tubing Set |
| Fittings Set |
| Component Set |
| CD-B894 Student Curriculum – Interactive PD-Based Multimedia |
| CB894 Instructor’s Guide |
| KB894 Instructor’s Resource Print CD |
| HB895 Student Reference Guide |
| 11474 Consumables Package – Pneumatic Fitting |
| Rubber Air Hose |
| Polyurethane Tubing |
| Nylon Tubing |
| Teflon Tape |
| 950-PS1 Piping Learning System |
| Requires External Water Source and 120V/60Hz/1ph Electrical |
| Mobile Workstation |
| Pump/Tank System |
| Valve Package |
| Fitting Package |
| BB526 Student Learning Activity Packet |
| CB526 Instructor’s Guide |
| KB526 Instructor’s Resource Print CD |
| DB526 Installation Guide |
| HB526 Student Reference Guide |
| 41212 Hand Tool Package – Piping |
| Tube Bender |
| Wrench Set |
| Flaring Tool |
| Strap Wrench |
| Combination Wrench |
| Screwdriver Set |
| Garden Hose |
| Allen Wrench Set |
| Compass |
| Tube Cutter |
| 6” Dial Calipers |
| Hacksaw |
| Leather Gloves |
| Pliers |
| Tape Measure |
| 3-Drawer Tool Box |
| Utility Knife |
| (2) Wire Brush Set |
| (2) Adjustable Wrench |
| Scissors |
| 18868 Pipe/Hose Machine Package – Piping |
| Pipe Threading/Cutting Machine |
| Hose Crimper |
| Hand or Foot Pump |
| Dies |
| Hose Cutter |
| Hose Cutting Blade |
| 950-PT1 Pneumatic Troubleshooting Learning System |
| Mobile Workstation |
| Header System |
| Overrunning Load Circuit |
| Compression Load Circuit |
| Running Load Circuit |
| Radial Load Circuit |
| Vacuum Load Circuit |
| PLC Control Unit |
| Operator Station |
| Fault Insertion System & Software |
| USB Cable & Interface |
| BB546 Student Learning Activity Packet |
| CB546 Instructor’s Guide |
| KB546 Instructor’s Resource Print CD |
| DB546 Installation Guide |
| HB546 Student Reference Guide |
| T7017A AC/DC Electrical Learning System |
| Requires: 120V/60Hz/1ph electrical, PC |
| Workstation with AC/DC Power Supply |
| Output Device Component Set |
| Input Device Component Set |
| Instrumentation Package |
| Transformer Module |
| Capacitor/Inductor Set |
| NB227 Student Curriculum – Interactive PC-Based Multimedia |
| CB227 Instructor’s Guide |
| KB227 Instructor’s Resource Print CD |
| DB227 Installation Guide |
| HB227 Student Reference Guide |
| 82-610GC Mobile Technology Workstation, Type 1, Gray Surface Plus Cabinet, 6 foot |
| Welded Steel Frame |
| Gray Laminated Work Surface |
| Locked Storage Cabinet |
| (4) Casters |
| Size: 30”x30”x72” |
| 850-MT6B Electrical Wiring Learning System |
| Requires: 208/60Hz/3ph electrical, compressed air |
| Mobile Workstation |
| Electrical Relay Panel |
| Pneumatic Actuator Panel |
| 3 Phase Motor |
| Manual Operator Station |
| N17448 Student Curriculum – Interactive PC-Based Multimedia |
| C17448 Instructor’s Guide |
| K17448 Instructor’s Resource Print CD |
| D17448 Installation Guide |
| H17448 Student Reference Guide |
| 41209 Hand Tool Package – Electrical Wiring |
| Steel Tool Box |
| Screwdriver Set |
| Electrical Crimper |
| Cutter/Stripper |
| Digital Multimeter |
| Fish Tape |
| Nylon Fuse Puller |
| Round File |
| Utility Pliers |
| Wire Tie Tool |
| Adjustable Wrench |
| Automatic Wire Stripper |
| Pliers |
| Allen Wrench |
| 17463 Consumable Package – Electrical Wiring |
| (3) 100’ 14 AWG Stranded Wire |
| (3) 100’ 16 AWG Stranded Wire |
| Electrical Tape |
| (25) Ring Terminal Connectors |
| (20) Wire Tie Mount Pad |
| Wire Labels |
| (100) Wire Tie |
| Spiral Wrap |
| 85-MT5 Electric Motor Control Learning System |
| Requires: 208V/60Hz/3ph electrical, PC |
| Tabletop Workstation |
| Manual Fault Insertion System w/ 35 Faults, 10 Modules |
| Interface to 890-FTS1 Automatic Fault Insertion System |
| N17401 Student Curriculum – Interactive PC-Based Multimedia |
| C17401 Instructor’s Guide |
| K17401 Instructor’s Resource Print CD |
| D17401 Installation Guide |
| H17401 Student Reference Guide |

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| 41202 Hand Tool Package – Electric Motor Control |
| 16” Hand Box |
| Combination Wrench |
| Screwdriver Set |
| Allen Wrench Set |
| Dead Blow Hammer |
| Fuse Puller |
| Adjustable Wrench |

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| 890-FTS1 Fault Troubleshooting System – Electric |
| Fault Controller Module w/ Microprocessor Fault Insertion, Power Supply, 35 Faults |
| (35) Fault Cables |
| 11164 FaultPro USB 4.0 Electronic Troubleshooting Software |
| User’s Guide |
| USB Cable and Interface |
| On-Line Fault Control, Manual & Automatic |
| Student Response Data Tracking |
| Instructor Configuration Module |

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| 850-C1 Basic Fluid Power Learning System |
| Requires: Pneumatic Power Supply or Conditioned Shop Air |
| 850-CTB-A Controls Technology Bench |
| 85-HPS Hydraulic Power Supply |
| Basic Hydraulic Actuator Panel |
| Basic Hydraulic Valves Panel |
| Basic Hydraulic Instrumentation Panel |
| 85-HHF Hydraulic Hose and Fittings Package |
| Basic Pneumatics Actuator/Valve Panel |
| Basic Pneumatics Instrumentation Panel |
| 85-PHF Pneumatic Hose and Fittings Package |
| 16141 Bench Manifold Kit |
| NB831/834 Student Curriculum – Interactive PC-Based Multimedia |
| CB831/834 Instructor’s Guide |
| KB831/834 Instructor’s Resource Print CD |
| DB831/834 Installation Guide |
| HB831/834 Student Reference Guide |
| 41220 Hand Tool Package – Hydraulics |
| (5) Emery Cloth Sets |
| Socket Set |
| Torque Wrench |
| Strap Wrench |
| (2) Combination Wrench |
| Screwdriver Set |
| 6” Rule |
| Bucket |
| Allen Wrench Set |
| Brush |
| Degreaser |
| Flashlight |
| Dead Blow Hammer |
| Digital Meter |
| Oil |
| O-ring Set |
| 3-Drawer Tool Box |
| Vise Jaws |
| Wire Brush |
| 12” Adjustable Wrench |
| 8” Adjustable Wrench |
| Bottle & Sprayer |
| Scissors |
| Beaker |
| 85-IP Intermediate Pneumatic Learning System |
| 85-IP-H Intermediate Pneumatic Module |
| MB835 Student Curriculum – Interactive PC-Based Multimedia |
| CB835 Instructor’s Guide |
| KB835 Instructor’s Resource Print CD |
| DB835 Installation Guide |
| HB835 Student Reference Guide |
| 85-AP Advanced Pneumatic Learning System |
| Orifice Plate Flow Meter |
| Quick Exhaust Valve |
| Vacuum Components Kit |
| MB838 Student Curriculum – Interactive PC-Based Multimedia |
| CB838 Instructor’s Guide |
| KB838 Instructor’s Resource Print CD |
| DB838 Installation Guide |
| HB838 Student Reference Guide |
| 41221 Hand Tool Package – Pneumatic |
| 16” Hand Box |
| Strap Wrench |
| Combination Wrench |
| Screwdriver Set |
| Feeler Gauge |
| Grease |
| Magnifier |
| Oil |
| Pick Set |
| Can |
| Spanner Wrench |
| Tweezers |
| Adjustable Wrench |
| Syringe |
| 85-EF Electro-Fluid Power Learning System |
| 85-EIP Electrical Control Panel |
| 85-EVF Electrical Valve Module |
| MB861 Student Curriculum – Interactive PC-Based Multimedia |
| CB861 Instructor’s Guide |
| KB861 Instructor’s Resource Print CD |
| DB861 Installation Guide |
| HB861 Student Reference Guide |
| 85-IH Intermediate Hydraulics Learning System |
| 85-IH-H Intermediate Valve Module |
| MB832 Student Curriculum – Interactive PC-Based Multimedia |
| CB832 Instructor’s Guide |
| KB832 Instructor’s Resource Print CD |
| DB832 Installation Guide |
| HB832 Student Reference Guide |
| 82-612E Mobile Technology Workstation, Type 3, Maple Surface Plus Vice |
| Dimensions: 30” H x 30” W x 72” L |
| Welded Steel Frame |
| Solid Hard Maple Work Surface |
| (4) Casters |
| Vise |
| 41221 Hand Tool Package – Pneumatic Systems |
| 16” Hand Box |
| Strap Wrench |
| Combination Wrench |
| Screwdriver Set |
| Feeler Gauge |
| Grease |
| Magnifier |
| Oil |
| Pick Set |
| Can |
| Spanner Wrench |
| Tweezers |
| Adjustable Wrench |
| Syringe |

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| 850-HD1 Basic Hydraulics Learning System w/ Bench |
| A-frame Double Sided Controls Technology Bench |
| 85-HPS Hydraulic Power Supply   * 120V/60Hz/1ph electrical |
| Basic Hydraulic Valve Panel |
| Basic Hydraulic Actuator Panel |
| Basic Hydraulic Instrumentation Panel |
| 85-HHF Hydraulic Hose & Fittings Package   * (3) 5 ft Hose Assembly * (6) 4 ft Hose Assembly * (2) 3 ft Hose Assembly * 1 ½ ft Hose Assembly * Open End Plug – Quick Connect * (3) Tee Assembly – Quick Connect |
| (2) 16141 Bench Manifold Kits |
| NB831 Student Curriculum – Interactive PC-based Multimedia |
| CB831 Instructor’s Guide |
| KB831 Instructor’s Resource Print CD |
| DB831 Installation Guide |
| HB831 Student Reference Guide |
| 85-BH Basic Hydraulics Learning System |
| Basic Hydraulic Instrumentation Panel |
| Basic Hydraulic Actuator Panel |
| Basic Hydraulic Valve Panel |
| 85-HHF Hydraulic Hose & Fittings Package |
| NB831 Student Curriculum – Interactive PC-based Multimedia |
| CB831 Instructor’s Guide |
| KB831 Instructor’s Resource Print CD |
| DB831 Installation Guide |
| HB331 Student Reference Guide |
| 85-AH Advanced Hydraulics Learning System |
| Photo Tachometer |
| Return Line Filter Assembly |
| Viscosity Gauge |
| (3) Oil Samples |
| BB839 Student Learning Activity Packet |
| CB839 Instructor’s Guide |
| DB389 Installation Guide |
| HB389 Student Reference Guide |