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| 95-MSB3 Skill Boss Logistics                                                                                                                                                                                                                                                                           |
| Requirements: 120V/60Hz/1ph Electrical, Compressed Air, PC w/ Touchscreen                                                                                                                                                                                                                              |
| Workstation                                                                                                                                                                                                                                                                                            |
| Operator Station                                                                                                                                                                                                                                                                                       |
| Sortation System <ul style="list-style-type: none"> <li>• Belt</li> <li>• Roller Type Conveyors</li> <li>• DC-Drive Controlled Induction Conveyors</li> <li>• Automatic Package Queuing &amp; Priority Release</li> <li>• Vertical Sorter</li> <li>• Barcode Scanner</li> <li>• Jam Sensors</li> </ul> |
| (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                                                                                                                                                                                                                                                                                             |

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|--------------------------------------------------------------------------------------------------------------------------------------|
| 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                            |

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|----------------------------------------------|
| (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                                                      |

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|---------------------------------------------------|
| 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                           |

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|-----------------------------------------------------------------------------------|
| 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                                                           |

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|-------------------------------------------------------------|
| 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                                                  |

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|------------------------------------------------------------------------|
| 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           |

|                                                                                                                                                                                                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 850-HD1 Basic Hydraulics Learning System w/ Bench                                                                                                                                                                                                                                                            |
| A-frame Double Sided Controls Technology Bench                                                                                                                                                                                                                                                               |
| 85-HPS Hydraulic Power Supply <ul style="list-style-type: none"> <li>• 120V/60Hz/1ph electrical</li> </ul>                                                                                                                                                                                                   |
| Basic Hydraulic Valve Panel                                                                                                                                                                                                                                                                                  |
| Basic Hydraulic Actuator Panel                                                                                                                                                                                                                                                                               |
| Basic Hydraulic Instrumentation Panel                                                                                                                                                                                                                                                                        |
| 85-HHF Hydraulic Hose & Fittings Package <ul style="list-style-type: none"> <li>• (3) 5 ft Hose Assembly</li> <li>• (6) 4 ft Hose Assembly</li> <li>• (2) 3 ft Hose Assembly</li> <li>• 1 ½ ft Hose Assembly</li> <li>• Open End Plug – Quick Connect</li> <li>• (3) Tee Assembly – Quick Connect</li> </ul> |
| (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             |