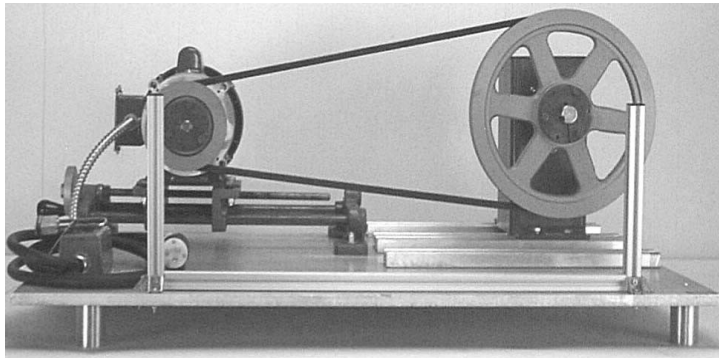


Industrial Maintenance—Mechanical

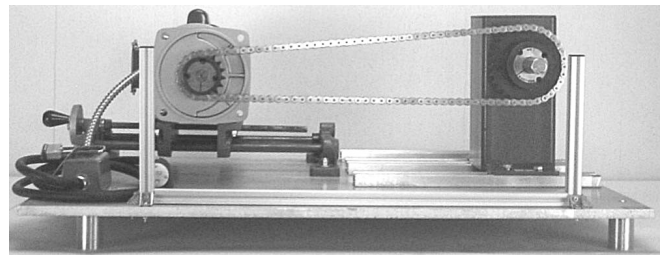


Model 3001 Belt Drive Trainer

Chain Drive is available as a separate trainer or as an interchangeable accessory for the Belt Drive Trainer (Model 3001A—Chain Drive Assembly)

Belt Drive & Chain Drive Trainers

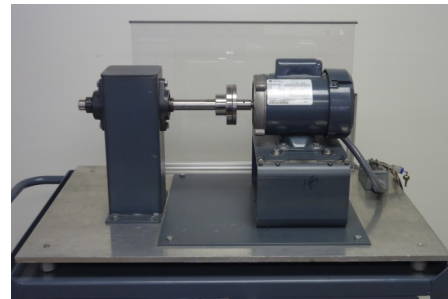
- Identify Belt and Chain Drive Components
- Install and Adjust Belt and Chain Drives
- Calculate Drive Ratio and Sprocket Size
- Hands-on “Real World” Job Sheets



Model 3002 Chain Drive Trainer

Shaft/Coupling Alignment

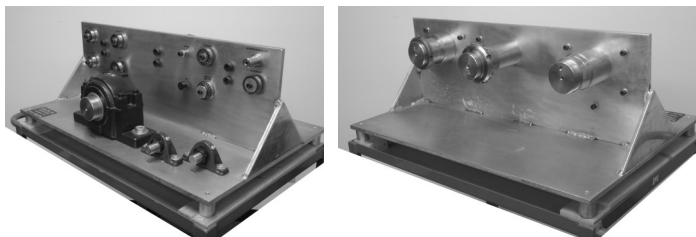
- Measure/Correct a Soft Foot Condition
- Measure for Shaft Runout
- Determine Bar Sag
- Use Straight Edges, Feeler Gauges, and Two Dial Indicators to Perform an Alignment
- Use a Graph to Perform an Alignment
- Use Two Dials to Perform a Reverse Dial Alignment



Model 3003 Shaft/Coupling Alignment

Bearing Maintenance Trainer

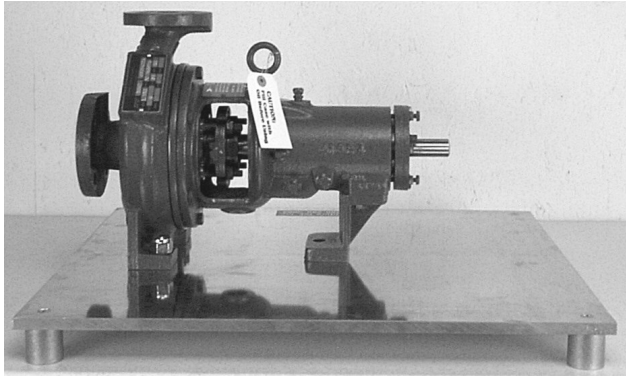
- Bearing Identification and Mounting
- Bearing Lubrication
- Reduction or Internal Clearance Exercises
- Use of Mounting and Dismounting Sleeves...



Model 3004 Bearing Maintenance

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“Real-World” Trainers for “Real-World” Jobs



Model 3005 Pump Maintenance Trainer

Pump Maintenance Trainer

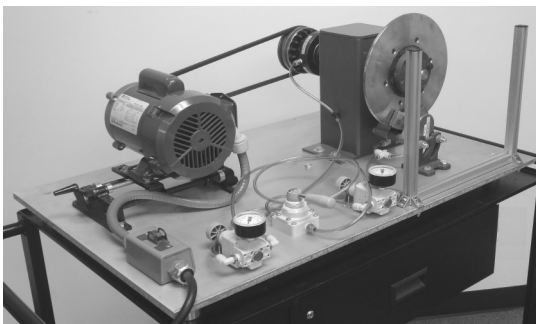
- Pump Overview
- Disassembly
- Liquid End Disassembly/Reassembly
- Coupling End Frame Disassembly/Reassembly
- Impeller Adjustment

Pump Drive Trainer

- Flow Meters
- GPM
- PSI
- Cavitation
- Centrifugal and Positive Displacement Pumps
- Priming
- Sheave and Bushing Alignment
- Mounting and Removing QD Bushings and Sheaves
- Hands-On Job Sheets



Model 3006 Pump Drive Trainer



Model 3007-P Pneumatic Clutch and Brake

Pneumatic Clutch and Brake

- Teaches basic air controlled industrial clutch application and simple braking load

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