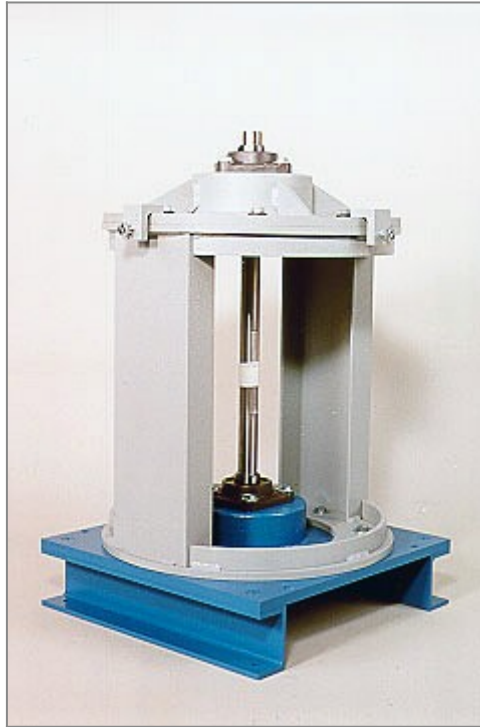


# Vertical Coupling/Shaft Alignment Training System Plus



Model: 207-PAC

DAC Worldwide's Vertical Coupling/Shaft Alignment Training System Plus (207-PAC) is a heavy-duty, precision learning package that allows for convenient, realistic training in shaft alignment. When paired with a variety of hands-on exercises, the training system creates a complete performance-based course in the maintenance of shaft alignment.

The Vertical Coupling/Shaft Alignment Training System Plus includes:

- [Vertical Coupling/Shaft Alignment Training System \(207-000\)](#)
- [Shaft Alignment Tool Kit \(208-001\)](#)
- Standard Shim Kit (208-003)
- Magnetic Base/Dial Indicator Set (208-015)
- Steel Grid Coupling (207-001)
- Rigid Coupling (207-004)

The Vertical Coupling/Shaft Alignment Training System Plus has a design based on the configuration found in many vertical centrifugal pumps, and accommodates all types of alignment apparatus, including laser systems. Through its realistic features and versatility, this lightweight, yet rigid training fixture will make any training session more productive, convenient, and professional. Learners will use industrial-grade components to study topics such as

performing a four-point motor element jacking, mastering usage of a dial indicator in coupling/shaft alignment, troubleshooting angular and parallel misalignment, and installing a flexible disc coupling. Not only do the components provide durability to stand up to frequent use, but they also aid learners in becoming better prepared for the tasks they will encounter on the job.

### **Practice Hands-On Mechanical Skills for Various Applications**

The Vertical Coupling/Shaft Alignment Training System Plus features a heavy-duty steel baseplate with provision for tabletop mounting. It requires a minimal number of tools, and its rigid construction allows for alignment within .001". It also comes with four steel pads, an Allen wrench set, combination wrenches, and more.

The Shaft Alignment Tool Kit comes with two CNC-machined shaft bracket sets, two sets of clamp attachment studs, four dial indicator support bars, four dial indicator attachment bars, four swivel clamps, two Starrett universal dial test indicators, and many more useful tools to aid in industrial training. The Standard Shim Kit includes ten shims each – of 13 different thicknesses – each accurate within +/- .001". Made of durable, corrosion-resistant stainless steel that is permanently marked with both nominal thickness and actual thickness information, the kit is perfect for use in the training lab or by the working maintenance professional in the field.

To round out the Vertical Coupling/Shaft Alignment Training System Plus, students will use a Magnetic Base/Dial Indicator Set, a Steel Grid Coupling, and a Rigid Coupling for authentic hands-on learning using equipment encountered on the job.

### **Expand Training with Additional Mechanical Options**

The Vertical Coupling/Shaft Alignment Training System Plus is only one of DAC Worldwide's expansive mechanical training systems. Other related equipment includes a Three-Piece Coupling/Shaft Alignment Trainer (206-000), a Basic Coupling/Shaft Alignment Trainer (208D-000), and many more!

### **Student Training Manual Included With Package**

A copy of this course's Student Training Manual is available with the training system. Sourced from the Exercises and Learning Activities, the Student Training Manual takes the technical content contained in the learning objectives, and combines it into one perfectly-bound book. If you would like to inquire about purchasing additional Student Training Manuals for your program, please contact your local DAC Worldwide Representative for more information.

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## **FEATURES & SPECIFICATIONS**

- Heavy-duty, welded aluminum construction throughout.
- Four (4) heavy-duty, flanged bearing units, allowing for variation of angular and parallel misalignment.
- Ground shafting, 1" diameter (replaceable).
- Four-point "motor element" jacking via machine screws.

- Requires a minimal number of tools.
- Rigid construction allows for alignment within .001".
- High-durability, powder-coating on non-contacting surfaces.
- Allows for alignment using all common alignment tools, including laser systems.
- Packaging for shipment via motor freight.

#### **Package Includes:**

- #207-000 - Vertical Coupling/Shaft Alignment Training System
- #207-001 - Steel Grid Coupling
- #207-004 - Rigid Coupling
- #208-001 - Toolkit
- #208-003 - Standard Shim Kit
- #208-015 - Magnetic Base/Dial Indicator Set

**PRODUCT DIMENSIONS *DISCLAIMER:*** *Product Dimensions are approximate. Shipping Dimensions and Weights are for directional use only and may change based on manufacturer variables. For the most accurate Shipping Dimensions and Weights, please contact the manufacturer.*

- **Product Dimensions**

(L x W x H)

15" x 15" x 25" (380 x 380 x 630 mm)

55lbs. (25kg)

- **Shipping Dimensions**

(L x W x H)

18" x 20" x 30" (460 x 510 x 770 mm)

75lbs. (34kg)

#### **STANDARD ACCESSORIES**

- Steel pad for magnetic base/dial indicator set attachment.
- Combination wrench.
- Allen wrench set.
- Industrial Trades Manual (IPT).
- Use/Exercise Guide (call for availability).

#### **OPTIONS**

- Recommended #902V Mobile Display Stand
- #208-004 - Extended Shim Kit
- #208-020D - Laser Shaft Alignment System, Basic
- #510-000 - IPT Industrial Trades Training Manual
- #510-001 - IPT Industrial Trades Handbook
- #207-003 - Elastomeric element coupling
- #208-005 - Steel grid coupling

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