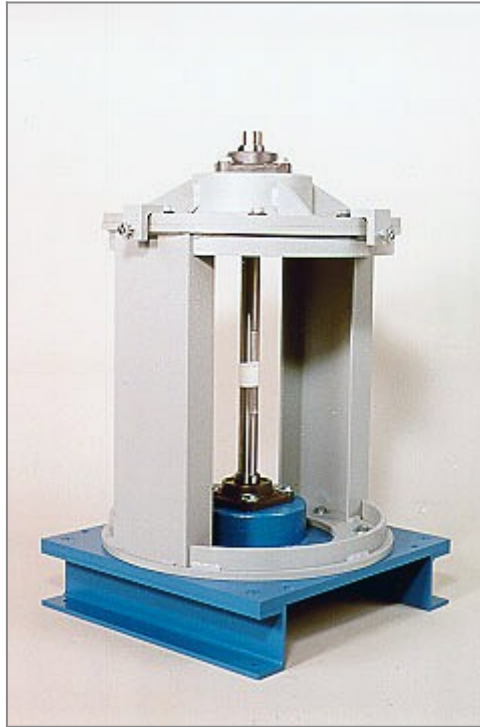


# Vertical Coupling/Shaft Alignment Training System



Model: 207-000

DAC Worldwide's Vertical Coupling/Shaft Alignment Training System (207-000) is a heavy-duty, precision learning system that allows for convenient, realistic training in shaft alignment. When paired with a variety of hands-on exercises, the system creates a complete performance-based course in the maintenance of shaft alignment.

The system requires the #208-015 Magnetic Base/Dial Indicator Set, #208-001 Tool Kit, and #207-003 Elastomeric Element Coupling. It also includes four flanged bearing units, 4-point "motor element" jacking, 1"-diameter ground shafting, tool set, and #510-000 IPT Industrial Trades Training Manual.

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

## Courseware & Hands-On Exercises

The Vertical Coupling/Shaft Alignment Training System's courseware consists of an IPT Industrial Trades Training Manual and a Use/Exercise Guide with hands-on exercises. These can be used as part of either an instructor-led course or self-directed study. Learners will explore a wide variety of fundamental vertical coupling and shaft alignment topics.

## Expand Training with Additional Mechanical Options

The Vertical Coupling/Shaft Alignment Training System is only one of DAC Worldwide's expansive mechanical training systems. Other related equipment includes a 3-Piece Coupling/Shaft Alignment Trainer (206-000), a Downsized Coupling/Shaft Alignment Trainer (208D-000), and many more!

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## **FEATURES & SPECIFICATIONS**

- Heavy-duty, welded aluminum construction throughout.
- Four 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.
- Steel pad for magnetic base/dial indicator set attachment.
- Combination wrench.
- Allen wrench set.
- Industrial Trades Manual (IPT).
- Use/Exercise Guide (call for availability).
- Packaging for shipment via motor freight.

**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)

## **OPTIONS**

- [#208-001 - Shaft Alignment Tool Kit \(required\)](#)
- #207-003 - Elastomeric element coupling. (required)
- #208-015 - Magnetic Base/Dial Indicator Set (required)
- #208-003 - Standard Shim Kit
- #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
- #207-001 - Steel grid coupling
- #207-004 - Rigid coupling
- [#207-PAC - Vertical Coupling/Shaft Alignment Training System Plus](#)
- #208-005 - Steel grid coupling

### **Address**

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