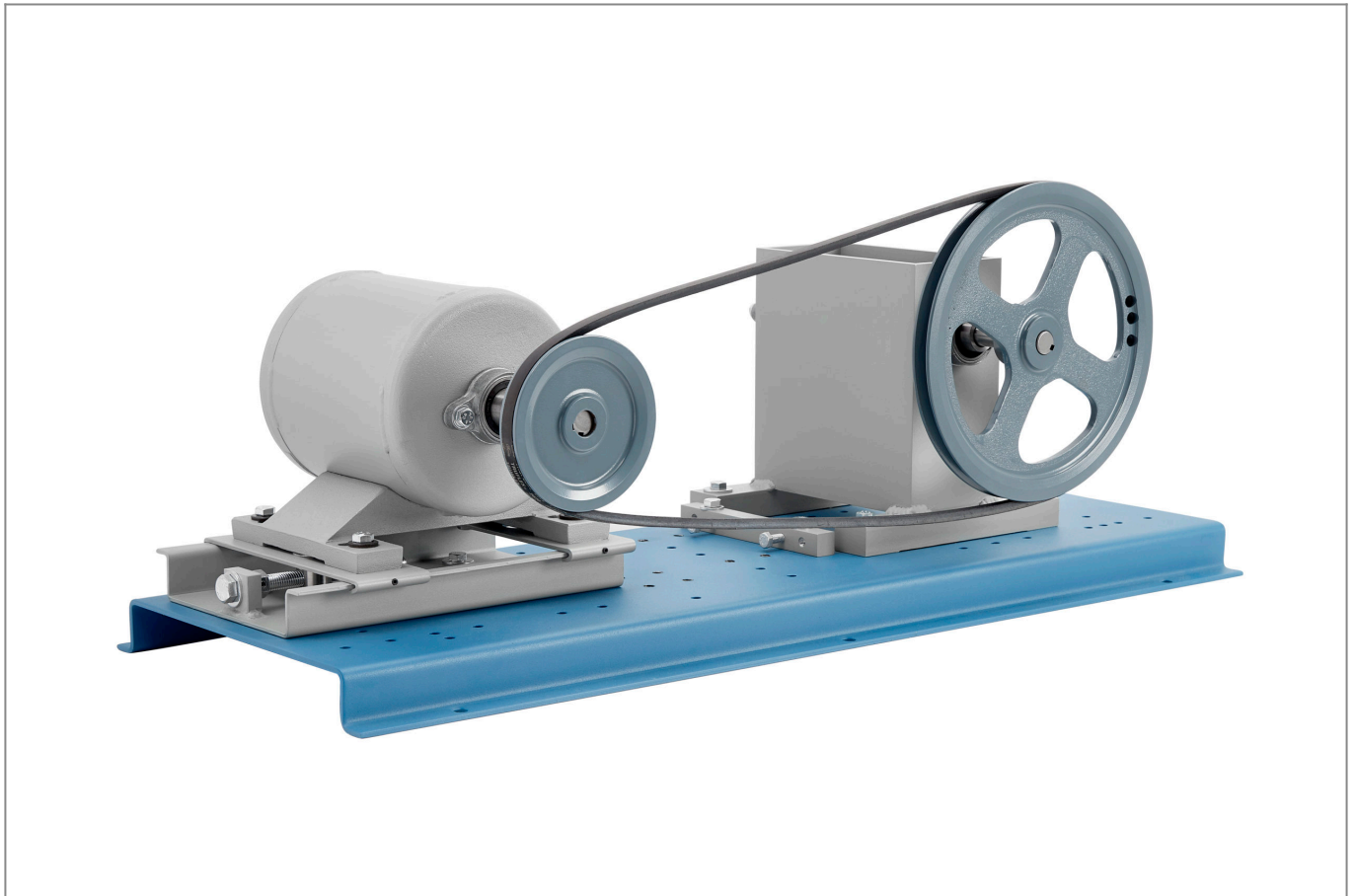


Belt Drive Training System Plus



Model: 201-PAC

DAC Worldwide's Belt Drive Training System Plus (201-PAC) is a heavy-duty, multi-functional belt drive training fixture that allows for convenient training in the identification, installation, tensioning, and alignment of common belt drive types found throughout industry. The benchtop training system is also packaged with hardware for applications related to multiple matches belts, fractional horsepower belts, positive drive belts, and variable pitch sheaves.

The 201-PAC includes:

- Belt Drive Training System (201)
- Wedge Belt and Sheave Set (201-002)
- Magnetic Base/Dial Indicator Set (208-015)

Belt Drive Training System Offers Real-World, Industrial Training

Using a steel baseplate and industry-grade aluminum components, the equipment provides a variety of training scenarios to aide learners in becoming better prepared for the tasks they will encounter on the job. This

mechanical training system includes a welded aluminum motor, an adjustable motor base for parallel tensioning, flanged bearings for variations in shaft misalignment, and more. Learners will use these components to study topics such as belt types, installation/removal of QD and taper-lock bushings, belt drive maintenance pre-checks, and much more.

The courseware that accompanies this training system includes literature on belt drives and sheave alignment techniques that can be useful in either an instructor-led setting, or a self-directed format. It also includes twelve (12) illustrated, hands-on exercises over topics such as belt drive concepts, belt identification systems, mechanical terminology, and belt drive maintenance.

This versatile piece of training equipment, combined with a variety of realistic exercises, represents a complete course in this fundamental industrial technology, and is useful within industrial training programs, as well as in the educational setting.

Practice Hands-On Mechanical Skills for Various Applications

This Belt Drive Training System Plus features a durable, flexible system mount, including a 7-gauge steel baseplate with provisions for tabletop mounting. It includes a belt tension gauge, sheave inspection gauge, Allen and combination wrenches, an angle indicator, and more. Learners will use these components to practice hands-on skills, such as using a dial indicator in maintenance, as well as the alignment and tensioning of fractional horsepower belts, multiple conventional V-belts, belt drives with variable-speed sheaves, and positive drive belts.

In addition, the trainer package offers optional drive hardware relating to other belt types and chain drives, which allows for expanded, more personalized study and usefulness.

Expand Training with Additional Mechanical Options

The Belt Drive Training System Plus is only one of DAC Worldwide's expansive mechanical training products. Additional options with this trainer include a Wedge Belt and Sheave Set (201-002), a Laser-Type Sheave/Sprocket Alignment Tool (201-005), a Magnetic Base/Dial Indicator Set (208-015), Silent Chain and Sprocket Set (223-003), and many more!

Student Training Manual and Textbook

A copy of this course's Student Activity Guide is included with the training system, with an optional Textbook. 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. The textbook, called *Industrial Mechanics and Maintenance*, presents clear objectives and performance standards for learners. If you would like to inquire about purchasing additional Student Training Manual or Textbooks for your program, please contact your local DAC Worldwide Representative for more information.

FEATURES & SPECIFICATIONS

- 7-Gauge, formed-steel baseplate with provision for tabletop mounting.
- Welded aluminum motor and driven elements.

- High-durability powder coating, allowing for repeated use and rough handling.
- Multiple motor positions allow for demonstration of multiple tensioning requirements.
- Heavy-duty adjustable motor base for parallel tensioning.
- Provision for two-point tensioning using jacking bolts.
- Heavy-duty, flanged bearings allowing for variations in shaft misalignment.
- Fractional horsepower belts and sheaves, allowing for installation at two shaft centerline distances.
- Multiple type-A belt set, including tapered bushing, 2-groove sheaves, matched belts and a mismatched belt example.
- Positive drive belt set including belt and sheaves.
- Sheave bushings, including QD and taper-lock varieties.
- Belt maintenance tool set.
- Provision for mounting on related bench and workstation products.
- Includes #201-002 - Wedge Belt and Sheave Set.
- Includes #208-015 - Magnetic Base/Dial Indicator Set.
- Packaging for shipment via motor freight

PRODUCT DIMENSIONS

- **Product Dimensions**
(L x W x H)
36in. x 13in. x 14in. (910 x 330 x 350 mm)
70lbs. (32kg)
- **Shipping Dimensions**
(L x W x H)
40in. x 15in. x 24in. (1020 x 380 x 610 mm)
136lbs. (62kg)

OPTIONS

- #099-00S - *6-Topic Power Transmission Installation and Maintenance Training DVD (IBT)*
- #201-005 - Laser-Type Sheave/Sprocket Alignment Tool
- #208-003 - Standard Shim Kit
- #223-003 - Silent Chain and Sprocket Set
- #510-000 - IPT Industrial Trades Training Manual
- #510-001 - IPT Industrial Trades Handbook

- #514-002 - Textbook, *Industrial Mechanics and Maintenance, 3rd Ed.*
- #837-PAC - Belt Sample Board
- #902F - Electromechanical Workstation
- #201-001 - Chain drive
- #201-004 - Heavy-duty, foam-lined, reusable packing container.
- #201-006 - High torque, synchronous belt drive set (Poly Chain).
- #201-500 - Additional Use/Exercise Guide.
- #201-PAC - Belt Drive Trainer, Quick-Start Package, including: #201, #201-002, #208-015.

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