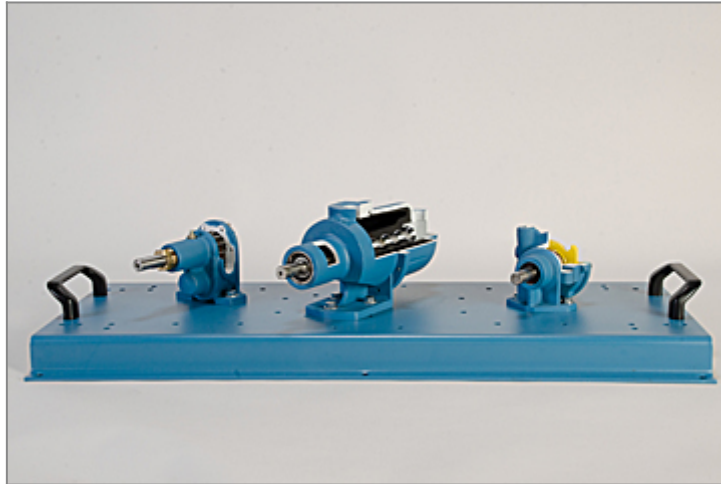


# Downsized Pump Cutaway Set



Model: 278-100D

DAC Worldwide's Downsized Pump Cutaway Set (278-100D) depicts a three-piece assortment of re-manufactured and cutaway industrial pumps that support introductory classroom training in the operation, construction, and maintenance of common pumps used in industry. This abbreviated and economical set includes three of the most common pump types found in industry and within commercial applications: an External Gear Pump, a Progressing Cavity Pump and a Centrifugal Pump.

Selected and assembled to support introductory process operations and maintenance training programs, this economical solution provides the same utility found in larger and more expensive DAC Worldwide cutaway solutions. The full-size, fully-detailed example of actual real-world industrial pumps gives learners a first-hand view into a component that is found in various applications worldwide.

All of the machine's components have been retained, allowing for convenient classroom training in the operation, construction, and maintenance of these common pieces of process equipment.

## **Cutaways Enhance Training with Hands-On Industrial Components**

The Downsized Pump Cutaway Set provides a realistic training introduction to industrial pump components, which will make introductory courses in pump maintenance and operation more productive, realistic, and memorable for learners. The pump components are industrial-grade made by leading manufacturers, mimicking what students might encounter on-the-job for industrial relevancy.

Each brass, bronze, or steel pump includes carefully planned sectioning, allowing the complete internal configuration of the pump to be exposed and showcased. Rotating components and primary seals are also made visible to improve understanding. Primary hardware locations have been retained, allowing for hands-on disassembly and introductory training in maintenance. Each pump is supported and stabilized using its own support pedestal.

The equipment used within the trainer is cleaned, primed and painted using a high-endurance urethane coating, providing durability to stand up to frequent use.

## **Expand Training with Additional Pump and Compressor Model Options**

The Downsized Pump Cutaway Set is only one of DAC Worldwide's expansive pump and compressor cutaway devices, which also include the Centrifugal Pump Cutaway (278-101), the Positive Displacement Pump Cutaway (278-105C), the Single-Stage Side Channel Pump Cutaway (278-115), and many more!

### **Optional Textbooks Available For Additional Training**

A copy of this course's Textbook is an available option with the training system. The textbooks, called *Audel's Pumps and Hydraulics & Process Technology Equipment and Systems*, presents clear objectives and performance standards for learners. If you would like to inquire about purchasing Textbooks for your program, please contact your local DAC Worldwide Representative for more information.

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### **FEATURES & SPECIFICATIONS**

- Sectioning of actual industrial hardware (*common industrial pump makes and models from well-known US manufacturers are chosen for industrial relevancy*)
- Cleaning, priming, and painting using a high-durability urethane coating
- Includes brass or bronze external gear, progressing cavity and centrifugal pumps
- Replacement, plated hardware throughout, when required
- All gaskets, seals, and seats shown
- 7-Gauge formed-steel mounting baseplate with carrying handles, with provision for tabletop mounting
- Provision for mounting on related bench, workstation, and storage rack products
- Packaging for shipment via parcel service

### **PRODUCT DIMENSIONS**

- **Product Dimensions**  
(L x W x H)  
13.5" x 30" x 11" (345 x 765 x 280 mm)  
26 lbs. (12 kg)
- **Shipping Dimensions**  
(L x W x H)  
15" x 36" x 24" (385 x 915 x 610 mm)  
40 lbs. (18 kg)

### **OPTIONS**

- Recommended #903F Electromechanical Workstation (Extended)
- #902V - Mobile Display Stand

**Address**

DAC Worldwide  
3 Killdeer Court, Suite #301  
Swedesboro, NJ 08085

**Contacts**

email: [contact@dacworldwide.com](mailto:contact@dacworldwide.com)  
phone: (800) 662 5877