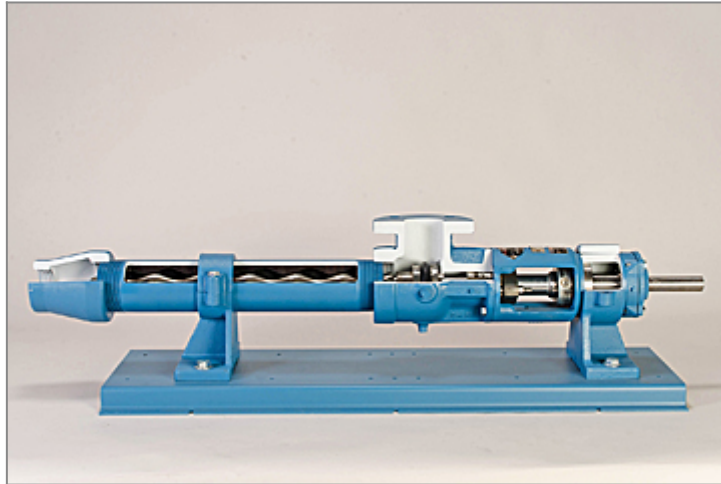


# Progressive Cavity Pump Cutaway (Moyno/Roper)



Model: 278-195

DAC Worldwide's Progressive Cavity Pump Cutaway – Moyno/Roper (278-195) depicts a sectioned industrial progressing cavity pump that allows for convenient classroom or laboratory training in the operating characteristics, construction, and maintenance of these common process pumps used in a variety of sectors. Commonly found in oil and gas applications, as well as in other industrial applications where positive displacement flow with constant pressure and limited pulsation is needed, these unique pumps work well with viscous materials and those that are shear-sensitive.

Selected and assembled to support introductory process operations and maintenance training programs, this real-world learning solution provides the same utility found in equipment used on-the-job. The full-size, fully-detailed example of an actual real-world cavity pump gives learners a first-hand view into a component that is found in countless applications worldwide.

All of the pump's components have been retained, allowing for a thorough, one-of-a-kind training experience using these common pieces of process equipment.

## **DAC Worldwide's Cutaways Enhance Training with Hands-On Industrial Components**

The Progressive Cavity Pump Cutaway provides a realistic training introduction to progressive cavity pump components. The pump's components are industrial-grade made by leading manufacturers, mimicking what students might encounter on-the-job for industrial relevancy.

Carefully-planned cutaway areas and color-coding combine to showcase the internal configuration of the pump. Seal features, hardware locations, and bearings are retained, allowing for use in basic maintenance-related training. This training demonstrator will make introductory courses in pump maintenance and operation more productive, realistic, and memorable.

This screw pump cutaway will enhance both general and plant-specific operations and maintenance training programs. Additionally, 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. Finally, the Manufacturer's installation and maintenance manual will also be provided.

## Expand Training with Additional Pump and Compressor Model Options

The Progressive Cavity Pump Cutaway is only one of DAC Worldwide's expansive pump cutaway devices, which also include the Magnetic Drive Centrifugal Pump Cutaway (278-150), the Multi-Stage Centrifugal Pump Cutaway (278-160D), the Dissectible Double-Suction, Split-Case Centrifugal Pump (278DS), the Multi-Stage Horizontally-Split Pump Cutaway (278M), and many more!

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### **FEATURES & SPECIFICATIONS**

**Important Product Note:** *Photographs are representative and for reference only. Product appearance and dimensions may vary based upon component manufacturer and availability. Any product dimensions given, such as size and weight, are approximate and for directional use only. For the most accurate shipping dimensions and weights, please contact the manufacturer.*

- Sectioning of an actual industrial diaphragm pump. *(Common models from well-known manufacturers are chosen for industrial relevancy)*
- A full longitudinal cutaway showcases the helical rotor, stator cavity, bearing arrangement, connecting universal joints, and seals
- Cleaning, priming, and painting using a high-durability urethane coating
- Color-coding of cutaway surfaces, seal elements, and pumping surfaces using contrasting colors
- Replacement plated hardware, where necessary
- All gaskets, seals, and bearings visible
- 7-Gauge formed-steel baseplate, with provision for tabletop mounting or mounting on related DAC workstation and display products
- Crating 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)  
51" x 14" x 13 1/4" (1300 x 360 x 340 mm)
- **Shipping Dimensions**  
(L x W x H)  
55" x 16" x 23 1/2" (1400 x 410 x 600 mm)

### **OPTIONS**

- Recommended #903F Electromechanical Workstation (Extended)

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