

# Sliding Vane Pump Cutaway



Model: 278-139

DAC Worldwide's Sliding Vane Pump Cutaway (278-139) depicts a sectioned industrial vane-type positive displacement pump, which allows for convenient classroom training in the design, operation, construction, and maintenance of this common industrial process pump used for pumping liquids of low viscosity. Sometimes referred to as simply a vane pump, these specialized pumps are used in a variety of commercial and industrial applications such as, transfer of fuels, alcohols and LPG, as well as in a variety of other petro-chemical and oil & gas processing applications.

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 sliding vane pump gives learners a first-hand view into a component that is found in various applications worldwide.

All of the pump's components have been retained, allowing for 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 Sliding Vane Pump Cutaway provides a realistic training introduction to industrial sliding vane 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 cut way areas combine to showcase the internal configuration of the pump. Seal features, hardware locations and bearings are retained, allowing for use in maintenance-related training. This realistic demonstrator will make introductory courses in pump maintenance and operation more productive, realistic and memorable.

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.

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

The Sliding Vane Pump Cutaway is only one of DAC Worldwide's expansive pump cutaway devices, which also include the Vertical Submersible Pump Cutaway (278-120), the Sanitary Pump Cutaway (278-131DS), the Hand-Operated Sliding Vane Pump Cutaway (278-138), and many more!

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## **FEATURES & SPECIFICATIONS**

- Sectioning of an actual piston-type positive displacement pump (*manufacturers such as Viking, Corken, Blackmer, and Forster are chosen for industrial relevancy*)
- Cleaning, priming, and painting using a high-durability urethane coating
- Replacement plated hardware where needed
- All gaskets, seals, and bearings visible
- 7-Gauge, formed-steel baseplate, with provision for tabletop mounting or mounting on related DAC workstation products
- Crating for shipment via motor freight

## **PRODUCT DIMENSIONS**

- **Product Dimensions**  
(L x W x H)  
24in. x 13in. x 12in. (600 x 330 x 310 mm)  
30lbs. (13.5kg)
- **Shipping Dimensions**  
(L x W x H)  
34in. x 15in. x 24in. (875 x 380 x 600 mm)  
55lbs. (25kg)

## **OPTIONS**

- Recommended #902F - Electromechanical Workstation

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