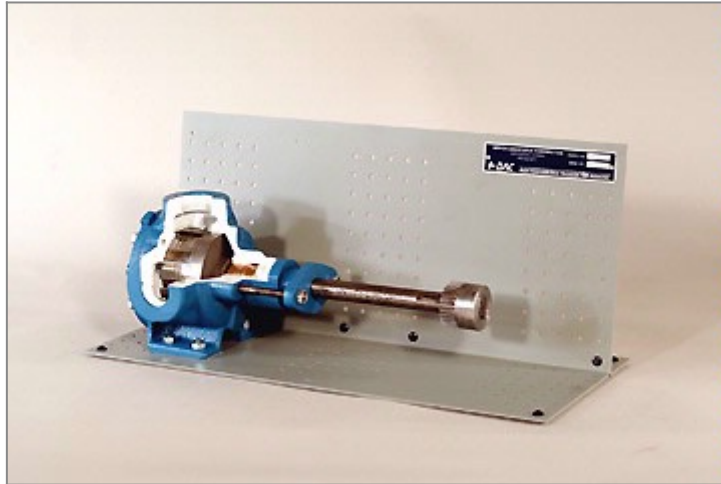


# Internal Gear Pump Cutaway



Model: 278-137

DAC Worldwide's Internal Gear Pump Cutaway (278-137) depicts a sectioned industrial positive displacement internal gear pump, which allows for convenient classroom training in the operation, construction, and maintenance of these common industrial process pumps. Based on its simplistic instruction with two moving parts, these pumps are used for a variety of applications in many temperature ranges and covering many viscosities. They are commonly used with solvents fuel oil, lube oil, and other low viscosity materials.

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 internal gear 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 Internal Gear Pump Cutaway, Stainless provides a realistic training introduction to industrial lobe 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 and color-coding 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 Internal Gear Pump Cutaway, Stainless 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 Sliding Vane Pump Cutaway (278-139), and many more!

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## **FEATURES & SPECIFICATIONS**

- Sectioning of an actual industrial internal gear pump. *(Examples from manufacturers such as: Viking, Victor, Haight, Jackson/SPX, Viking, and Tuthill are chosen for industrial relevancy)*
- Color-coding of cutaway surfaces, seal elements, and pumping surfaces using contrasting colors
- Replacement plated hardware
- All gaskets, seals and bearings visible
- 7-Gauge formed-steel baseplate, with provision for tabletop mounting and mounting on related DAC bench products
- Crating for shipment via motor freight

## **PRODUCT DIMENSIONS**

- **Product Dimensions**  
(L x W x H)  
Approx. 24in. x 13in. x 14in. (600 x 300 x 350 mm)  
45lbs. (21kg)
- **Shipping Dimensions**  
85lbs. (39kg)

## **OPTIONS**

- Recommended #902F - Electromechanical Workstation

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