

# *The SmartVac II* Vacuum Workholding System

**Vacuum Base**



**Vacuum Control Unit**

**Interchangeable  
Top Plates**



**The SmartVac II Workholding System** is a fresh approach to vacuum chuck workholding. The system contains a vacuum generator that delivers the same vacuum force as a traditional electric vacuum pump, but without the need for filters, water traps, special hoses or bulky tanks. The system uses only 0.8 CFM of air pressure at 80 PSI to deliver a powerful vacuum of 28" Hg or 14 PSI of holding force.

Adapting the system to hold specific part shapes is easy. Interchangeable top plates allow for customizable configurations. If a part isn't easily held using the existing grid pattern, customizing a blank plate is quick and easy. Simply machine an 1/8" groove .095" deep and insert the gasket material into the slot.



**Starter Packages**

**SmartVac II Starter Packages** include a Vacuum Control Unit, a Connection Kit and a choice between three Base sizes. This package has everything needed to be up and running within minutes of opening the box.

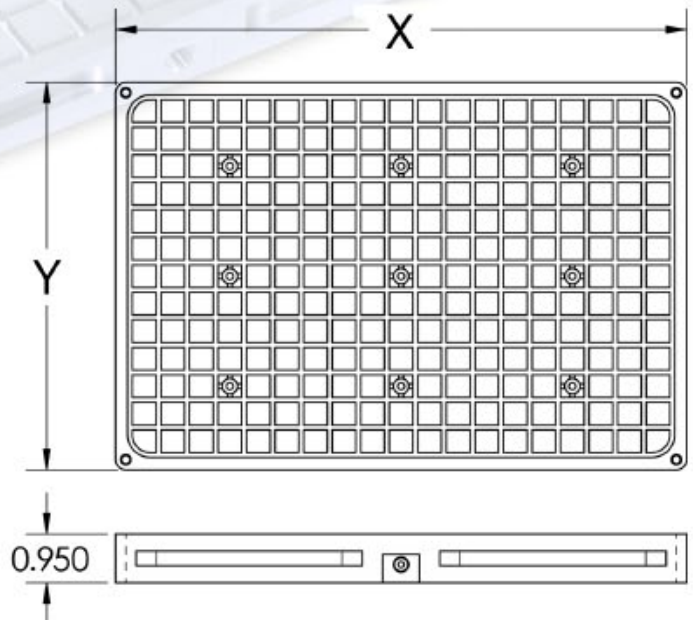
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[www.PiersonWorkholding.com](http://www.PiersonWorkholding.com)  
 (800) 352-2894

# PIERSON WORKHOLDING



**Vacuum Control Unit Details:**

- 1** - Anodized and Laser Engraved Finish
- 2** - Instant Fittings for quick setups.
- 3** - Vacuum Indicator Cap. Flush with the surface indicates a full vacuum.
- 4** - Swarf and coolant easily passes through the unit exhaust.



**SmartVac II Base Details:**

Multiple vacuum inlets means several parts can be held on one Base. Workholding is virtually limitless with three Base sizes and the ability to link them to one Vacuum Control Unit.

**Base Sizes:**

9.5 x 14 - 13.5 x 13.5 - 13.5 x 20