

# Foundry Tooling by PCM

**Cope and Drag  
Tooling Capacity  
118 x 236 x 59**

**Hunter, Disa130**



**Permanent Mold  
Cold Set & Shell Core  
boxes**

**Aluminum/cast iron  
and plastic**

**Prototype/ Design**

**Portage Casting & Mold, Inc. (PCM)** has been building tooling for the foundry and plastics industries for over thirty years. Lessons learned from each industry enhance today's stringent demands for **reducing cost & lead times**. At PCM we understand the design to manufacture concept which guides all pattern, permanent mold, and core box production. All tools are designed to enhance your molding process, reduce scrap and minimize your finishing time. **PCM tooling puts casting in their place – The Shipping Bay**

## **PCM Has Total Tooling Manufacturing Control 100,000 Sq. Ft. Facility - 14 CNC Machines**

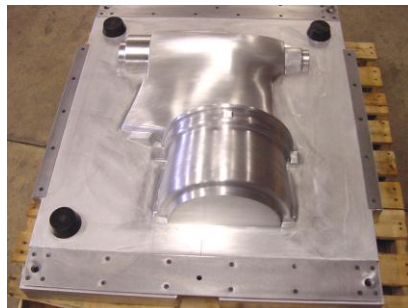
**Advanced CAD/CAM Capabilities** – Comprehensive tool design with 3 and 5-axis programming customer or In-house electronic files. Detailed engineering designs for all types of tooling.

**Precision Pattern Making** – Our skilled craftsmen use advanced programming with our 3-axis and 5-axis CNC systems to produce patterns of plastic, wood or foam masters for In-house aluminum casting process

**Modern Captive Aluminum Foundry** – PCM has the capacity to pour 16,000 pound casting which are the bases for our CNC cut cope/Drag and core tooling. Iron / steel purchased thru quality metal suppliers.

**First-Class Machining / Finishing Departments** – Our machining Dept. utilizes 3 and 5 axis machine centers w/ capacity of 236" X-axis, 118" Y-axis, and 59" Z-axis. Experienced mold makers finish / rig and assemble all tooling to our customers specifications.

**Quality Control** – Every step of the tool building process is checked by our engineering and quality control staff. If required additional dimensions are verified by our **Romer CimCore equipped w/ 48" mechanical arm**



**Contact PCM about your next project and find out about the advantages of PCM built quality tooling.**

**PCM**

[www.pcmwi.com](http://www.pcmwi.com)

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