



# PEAK

Launching the Next Generation  
of Manufacturing Technology

# Forming

(Thermal, Pressure, and Vacuum)

**Max Part Size:** 72" L x  
48" W x 30" D

**Equipment:** 2  
vacuum/pressure  
forming machines,  
custom thermal  
bending fixtures

**Materials:** ABS, HDPE,  
Acrylic, Polycarbonate,  
PVC, and more

**In-House Capabilities:**  
Mold making,  
trimming, polishing,  
assembly



components are especially vulnerable to warping, variation, or inconsistent finish. Peak's customers need a forming partner that can handle the full lifecycle: from mold design and material selection to forming, trimming, and finishing—all in-house.

## Overview

OEMs and engineers often require formed plastic parts—such as covers, enclosures, or panels—that demand tight tolerances, structural integrity, and visual quality. However, many forming vendors lack the in-house tooling capabilities, material expertise, or dimensional control needed to deliver complex parts consistently. Deep draws, intricate geometries, or large-scale

## Solution

Peak Technology offers precision vacuum, pressure, and thermoforming services, supported by in-house mold and fixture production. Our machines accommodate large, deep-draw parts up to 72" long x 48" wide x 30" deep, with forming techniques tailored to the material and application. Whether forming optical-grade plastics, impact-resistant panels, or temperature-sensitive parts, our team ensures each component meets tight dimensional and aesthetic standards.

- **In-House Mold & Fixture Fabrication** – Faster lead times, better quality control, and reduced risk from outsourced tooling.
- **Vacuum & Pressure Forming Capacity** – Supports large, deep-draw parts with consistent wall thickness and form stability.
- **Thermal Bending for Custom Profiles** – Precise, stress-minimized hot bending for curved or angled components.
- **Post-Forming Finishing** – CNC trimming, polishing, and assembly performed in-house for seamless integration.

Peak Technology Enterprises is a woman-owned precision manufacturing company based in San Jose, CA, offering **additive** and **subtractive** manufacturing, engineering support, system integration, and full assembly services. With over **60 years of experience** and **ISO 9001 certification**, Peak partners with **global OEMs** and innovators to deliver high-performance components and complex builds—on time, on spec, and on budget.

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