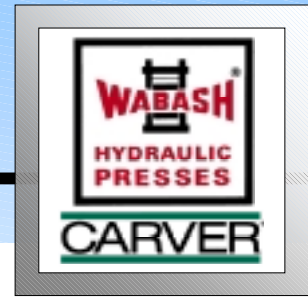


# Genesis Press for Polyethylene Sample Preparation



The Genesis Series Hydraulic Compression Press, Model G30H-12-ASTM, is specially designed to process test plaques for use by material suppliers, processors and some molders for use in their quality labs. This press is used to prepare plaques for property testing in accordance with ASTM specification #D4703.

## Specifications:

<b>Clamp Force:</b>	1 – 30 tons
<b>Open Daylight:</b>	6" - 12" adjustable
<b>Clamp Stroke:</b>	6"
<b>Platens:</b>	12" x 12" electrically heated and water cooled
<b>Max. Temperature:</b>	500°F
<b>Operating Speeds:</b>	Closing: 70 IPM Pressing: 5 IPM Open: 75 IPM
<b>Dimensions:</b>	30" w x 48" d x 72" h
<b>Weight:</b>	1,900 pounds

## Features:

- The distinguishing feature of the Wabash Model G30H-12-ASTM Press is its ability to control the cooling rate of the platens in accordance with the ASTM D4703 Specifications.
- The rate of cooling is 15°C/minute +/- 2°C during the temperature ranges.
- Control of the cooling cycle is critical in meeting the specification and requires a central chiller or portable chiller
- Automatic low pressure system for material pre-heat
- Platens specially designed for uniform cooling
- Watlow 980 Series, 1/8 DIN temperature controllers
- The press incorporates separate inlet manifolds and hoses to independently control each platen.
- Allen Bradley MicroLogix™ 1200 programmable controller with Microview operator interface
- NFPA 79-1997 electrical standards, including non-fused disconnect

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