

# Wabash-Carver Testing Lab



## The Lab

Wabash MPI / Carver, Inc. has a dedicated testing laboratory for application testing and development to determine press specifications. This lab includes a variety of equipment, including our Microlim, liquid silicone injection machine and other compression presses (see equipment list and specifications on back). Please feel free to contact us with your application or to discuss your R&D requirements.

# Laboratory Equipment



## ML17H-9-6 (with Graco 622 Meter mix)

- 17 ton compression force (adjustable)
- 9" L-R x 9" F-B fully guided electrically heated work area
- 400 deg. F maximum operating temperature
- 3" open daylight
- 4" stroke clamp cylinder
- Allen Bradley CompactLogix™ programmable controller with PanelView C600 color touch screen operator interface includes:
  - Clamp pressure
  - Platen temperature
  - Programmable shot size from less than 1cc to 15cc
  - Menu driven screens for easy navigation
- Graco 622 Meter mix using 22 oz Semco cartridges (A+B)
- 20 oz EFD Cartridge with pressure pot (also available)

## G28H-15-BCLPX

- 1000 Lbs. force - 28 ton compression force (adjustable)
- 15" L-R x 15" F-B fully guided heated/cooled platens
- 500 deg. F maximum operating temperature
- 12" open daylight
- 6" stroke
- Allen Bradley MicroLogix™ 1200 programmable controller with PanelView 550 touch screen operator interface
- Closed-loop control of clamp pressure
- Closed-loop control of platen temperature
- Programmable platen cooling
- Six channel, Yokogawa digital chart recorder for data collection of:
  - Upper and lower platen temperature
  - Clamp force



## AUTOFOUR/30-12HC

- Clamping force: 30 tons (minimum 1,000 lbs)
- Daylight opening: 0"-12" Factory Set @ 4 1/2"
- Stroke: 6"
- Two 12" x 12" electrically heated platens cored for air & water cooling
- Automatic platen cooling including manifolds & hoses
- Temperature range up to 650 deg. F (343 deg. C)
- 10 recipe storage capability
- 20 Programmable setpoints of clamp force, cure time and temperature per recipe. Programmable in units of pounds (also available in Kg, US Tons, and Metric Tons). Automatic bump sequence can be programmed in any/all segments.
- Programmable temperature units of degree F or C



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