

# PINE'S G2 GYRATORY COMPACTOR

## Suitable for Rubber Mixes Safe Specimen Extraction Tall Molds



Our G2 gyratory compactor is easy to use and offers a number of design innovations that you have come to expect from Pine.

### It features:

- Optional Cooling Door for Rubber Mixes
- Built in Extruder for Safe Specimen Extraction
- Tall Molds for Performance Testing
- 150mm or 100mm Molds
- Easy-to-Use Controls
- Displays Internal Angle During Test
- Shear Measurement Capabilities
- Complete Data Management Package

G2 test parameters are easily programmed into the machine via the control panel. The angle can be changed from 0.0 to 1.50 degrees- internal or external --without the need to recalibrate. Data management is simplified, with gyration number, specimen height, angle, pressure and shear measurement all collected and stored. Send the data to a USB memory stick or printer.

Pine's 50 years of design innovation have set the standard in asphalt testing equipment. Like our G2, Pine products are built to last, made in the USA and backed by technical support 24/7. When there's no room for error, you can count on Pine.



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***When Your Asphalt's on the Line  
Count on Pine!***

# AFG2 SUPERPAVE™ Gyratory Compactor

## Built to Last

The Pine reputation for durability; dependability; user-friendliness; and timely, professional product support is perpetuated in the AFG2 Superpave™ gyratory compactor. *When Your Asphalt's on the Line Count on Pine!*

## Meets the Required Standards

The AFG2 is designed to compact asphalt specimens at a constant consolidation pressure, a constant angle of gyration, and a fixed speed of gyration in compliance with AASHTO T 312 and ASTM D 6925.

## A User-Friendly Control Panel

Enter test settings and control all machine functions with Pine's trustworthy and simple user interface.

## Manage Data with Ease

Directly print the test data or save it directly to a computer or a USB flash drive.

## Make Performance Test Specimens

The Hamburg wheel test uses standard gyratory specimens. The AMPT requires "tall" specimens. Users have reported compacting specimens up to 200 mm tall.

## Accommodate Ground Tire Rubber

An optional cooling door to reduce specimen cooling time and a specimen squaring function to resist specimen expansion address some of the nuances of ground tire rubber in HMA.

## A Built-In Extruder

Minimizing the need to lift hot, heavy molds helps keep lab technicians safe at work.

## Alternative Applications

The AFG2 is compatible with the compaction of soils, emulsion-based mixes, and roller compacted concrete by providing protective covers over sensitive components.

## Shear Instrumentation (optional)

Gyratory shear is a research topic that may provide insight into the workability and compactability of a mix, which provides insight into the ease with which a mix is placed.



## Specifications

Power: 115 VAC, 12 A, 50/60 Hz, 1 ph  
230 VAC, 6 A, 50/60 Hz, 1 ph

### Dimensions:

34.5 in W x 35.5 in D x 54 in H

Weight: Approximately 880 lb

Applied Pressure: 200 – 999 kPa

Angle of Gyration: 0.0 – 1.50°

Speed of Gyration: 30 ±0.5 gpm

Number of Gyration: 0 – 999

### Mold Dimensions:

ID = 150 mm, 100 mm, & 4 in

All molds 250 mm tall

Operation Modes: Number of Gyration,  
Specified Height, Internal or  
External Angle



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