

AFG2 SUPERPAVE™ Gyrotory Compactor

Built to Last

The Pine reputation for durability; dependability; user-friendliness; and timely, professional product support is perpetuated in the AFG2 Superpave™ gyrotory compactor. *When your asphalt is on the line, you can 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 T312 and ASTM D6925.

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 gyrotory 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)

Gyrotory 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:

875 mm W x 900 mm D x 1,375 mm H
~34.5 in W x ~35.5 in D x ~54 in H

Weight: Approximately 400 kg (880 lb)

Applied Pressure: 200 – 999 kPa

Angle of Gyration: 0.0 – 1.50°

Speed of Gyration: 30 ±0.5 gpm

Number of Gyrotations: 0 – 999

Mold Dimensions:

ID = 150 mm, 100 mm, & 4 in
All molds 250 mm tall

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