



1300 # HAMMER SPEC'S

The hammer is 1300 pounds total (static) weight

- Drop portion of hammer is 1100 pounds
- The distance of the drop is 12"
- The impact surface is 13.25"x13.25"
- The impact rate is 35 beats per minute

The Compressor required for this hammer to run at full speed is a 9hp 18.5 cfm @ 100psi or larger. Usually a wheelbarrow style compressor will recoup air faster.

FORGE ENGINEERING, INC.

FORENSIC, GEOTECHNICAL AND
CONSTRUCTION CONSULTANTS

Pile Capacity vs. Driving Resistance Curve

Date: 6/9/2020

Client: Mantis Hammers, LLC

Pile Hammer: Mantis 1300

Pile Material: Timber

Pile Size: 10-inch Butt; 8-inch Tip

Pile Length (ft.): 25

Drop Height (ft.): 1

Hammer Energy (ft-lbs): 1,100

MANTIS 1300 HAMMER

