



770 # HAMMER SPEC'S

The hammer is 770 pounds total (static) weight

- Drop portion of hammer is 583 pounds
- The distance of the drop is 12"
- The impact surface is 11.250" square
- The impact rate is 45 beats per minute
- The hammer has 5 weights (removable to adjust 90# ea.)

The Compressor required for this hammer to run at full speed is a 6.5hp 13cfm @ 90psi or larger. Usually a wheelbarrow style compressor recoup's 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 770

Pile Material: Timber

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

Pile Length (ft.): 25

Drop Height (ft.): 1

Hammer Energy (ft-lbs): 583

MANTIS 770 HAMMER

