



## HGH-50 ACCELERATED WEIGHT DROP UNIT



### Our Differentiators:

1. *High Energy Output*
2. *Superior Portability*
3. *Efficient and Reliable*
4. *Repeatable energy*
5. *Inexpensive to Buy*
6. *Economical to Operate*



*HGH-50 mounted on a trolley*

### SPECIFICATIONS:

Model/Description:	HGH-50 Accelerated Weight Drop Unit.
Type:	Light weight, portable seismic energy source designed for multitude of applications within the field of geology, geophysics, civil engineering and more. It utilizes simple and effective elastomer band technology to propel the hammer to a high velocity. It can be offered mounted in a towable trolley or as a standalone unit which is mounted directly on a SUV through a tow-hitch.
Cycle time:	3-5 Seconds
Accelerator:	Elastomer Band Technology
Hammer Drop Height:	36 – 43cm (14-17in)



# HGS (INDIA) LIMITED



Base Plate:	46 x 46 x 2.5cm (18 x 18 x 1")	
Motor Engine Size:	12 V Electric	
Power Source:	12 V Battery	
Impact Frequency Band:	10-250 Hz	
Hammer Assembly Weight:	Version A (MK000322)	50 Kg (110lbs)
	Version B (MK000836)	40 Kg (88lbs)
Motor Assembly Weight:	43 Kg (95 lbs)	
Assembled Weight with Shield:	Version A (MK000322)	110 Kg (242 lbs)
	Version B (MK000836)	100 Kg (220lbs)

## Components:

### HGH - 50 consists of three main parts.

1. Hammer Frame Assembly
2. Motor Assembly
3. Safety Shields

### Standard Accessories and Parts.

1. Impact Baseplate
2. Adjustable L-Bracket and bolts
3. Hand-held controller and cable
4. Elastomer Band
5. Stabilizing ratchet strap
6. Small tool kits

**Note:** *No special tools are required to install and setup the HGH-50. A basic set of tools with adjustable wrenches and screwdrivers are all that are needed to install the unit.*