

R.T. Clark

GPEG-500

Seismic Impact Source

The Gravity Propelled Energy Generator (**GPEG**) is a heavy-duty seismic energy source designed for a multitude of applications within the fields of geology, geophysics, civil engineering, and more. The **GPEG** system utilize simple and time proven weight drop system that uses a massive 500kg mass to fall and generate upwards of 180,000lbs of Peak Force and 5,629 Joules of Kinetic Energy

The **GPEG** can be mounted on your suitable tractor, front end loader or skid steer. Thereby alleviating the need to have a dedicated piece of equipment for your energy source.

An operator of the **GPEG** can easily adjust the cycle time from 3 seconds to 6 second so you get the most out of your job in the shortest time.

Efficiency and affordability are the name of the game when performing one job or 100 jobs. The **GPEG** fills the gap with high energy, heavy duty construction, low maintenance, quick installation, and affordable price.

- 180,000+ Peak Force
- Adjustable Cycle Rate
- Hydraulic Operation
- Repeatability Energy Every Time
- Multi Mount Options
- Made in USA



Mounting Options:

3-Point (Cat. 2)
Tractor Mount



Bobcat Skid
Steer Mount



Front End Loader
Tractor Mount



Technical Specification:

Operating Height:	90ins (228cms)
Mass Weight:	499kg
Fall Distance:	1.15m
Acceleration:	Gravity (9.8m/s)
Kinetic Energy (KE)	5,629 Joules*
Peak Force:	~ 180,000/lbs

Operating Weight:	1,740lbs (789kgs)
Impacts / Min.:	Adjustable
Min. Hydro Pressure:	2,200psi
Min. Oil Flow Demand:	8 GPM
Hydro Coupler:	1/2in
Dims:	60x18x18in (152x46x46cms)

* Theoretical Value. Formula can be provided