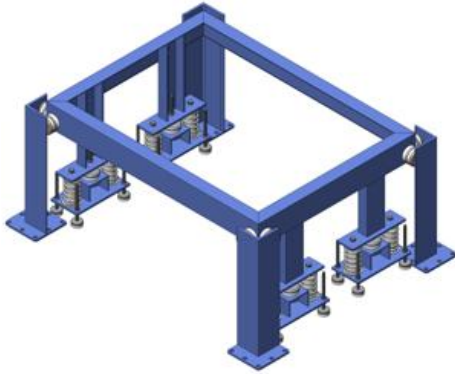


RACKS & DATA CENTER SEISMIC CONTROL RAISED FLOOR PLINTH

Seismic control plinth designed to minimize effects of earthquakes in Cooling Units, UPS, Switch Boards, etc. by reduction of acceleration, useful for Legacy and New Development Data Centers.



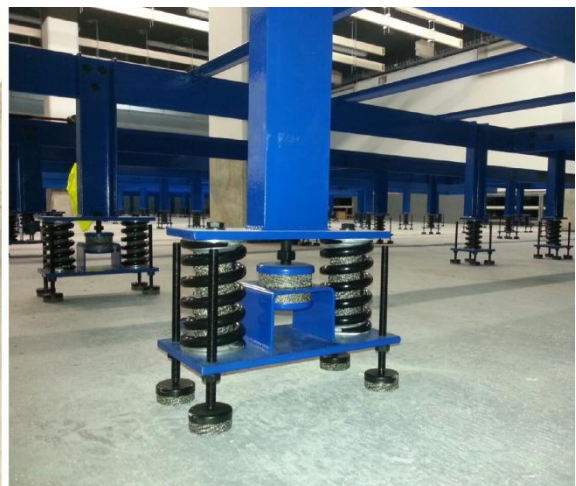
Patented Solution designed for Data Center protection against external vibrations and earthquakes:

- ▷ Seismic Hazard (until Richter 6.2)
- ▷ Civil Works or Data Center growth
- ▷ Nearby Emergency Generators
- ▷ InRow and CRAC units
- ▷ Railways or Heavy Traffic

Installation on live Data Centers by our trained team upon request.

PROPERTIES

- ▷ Innovative design manufactured with a frames for vertical and 4 corner pieces for horizontal energy absorption
- ▷ Direct anchored to the concrete floor and independent of raised floor
- ▷ Designed for heavy duty units such Cooling Units, UPS, Batteries, Switch Boards...
- ▷ Customized dimensions according to the requirements
- ▷ 4 double vertical suspensions, with heavy duty spring elements supplemented with 100% stainless steel energy absorbers
- ▷ Triple vibration isolation:
 - Compression Damping at a very low frequency: 4.5 Hz at nominal load
 - Tension Damping at a very low frequency: 25 Hz at nominal load
 - Incorporation of safety dampers for overload up to 10 times the nominal load
- ▷ 8 lateral displacement energy absorbers designed to 6.2 Richter as standard, stronger design upon request
- ▷ Design totally metallic according Data Centers FIRE protection standards.
- ▷ 99% vibration absorption between 100 Kg and 3,000 Kg from 50 Hz
- ▷ Bidirectional vibrations absorption to reduce cooling vibration introduced in IT room
- ▷ Legs in short side to allow cool air through the unit without disturbing airflow
- ▷ Total level possible once installed and in the future
- ▷ Noncorrosive



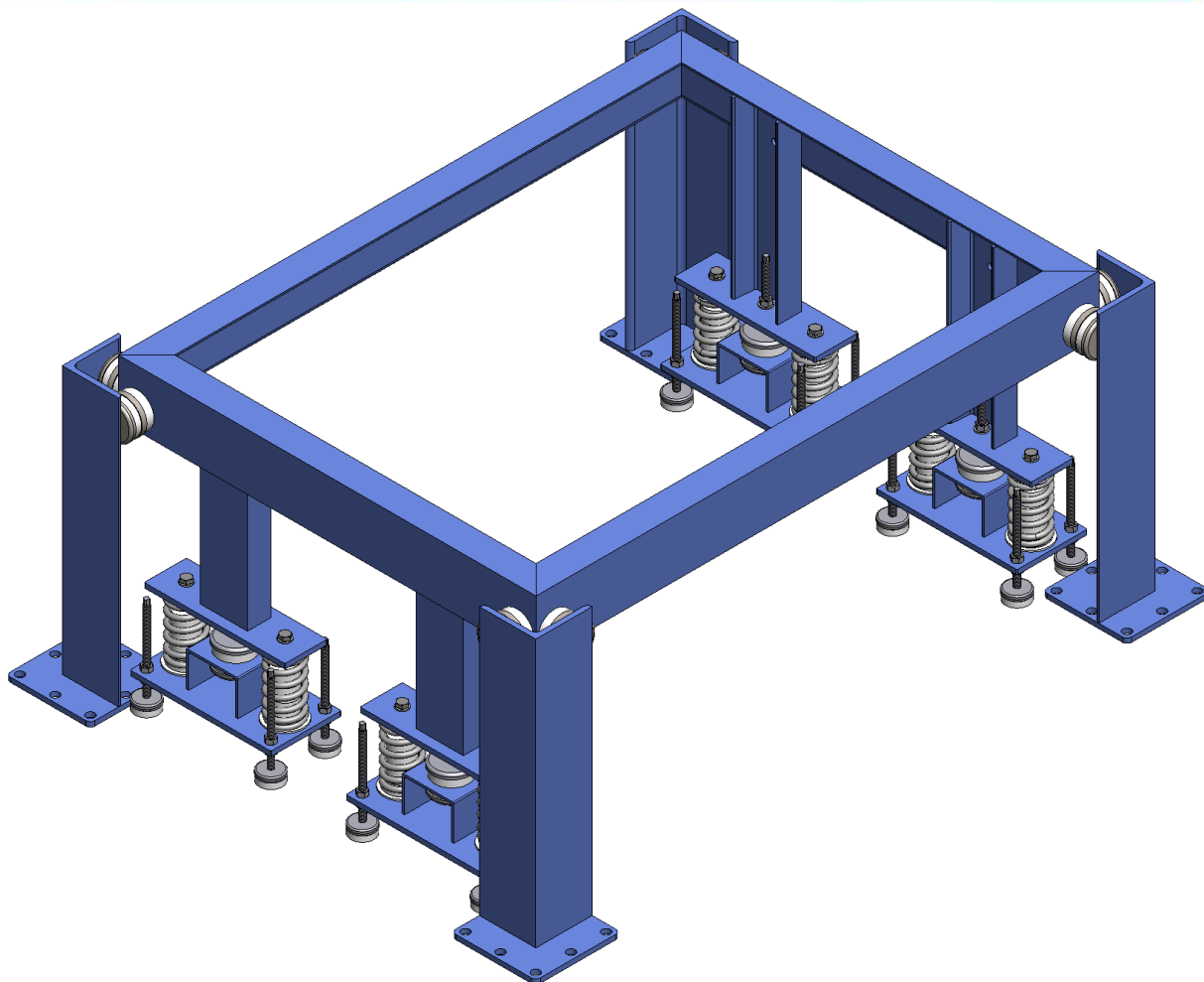
CUSTOM ADJUSTEMENT

- ▷ **Easy size adaptable** to unit dimensions depending of vendor and model.

HIGH PERFORMANCE

- ▷ **Very low resonance frequency** during a wide range of loads supported.

DIMENSIONS



Reference	Nominal Load (Kg)	Natural Frequency (Hz)	Free Height H (mm)	Width W (mm)	Depth D (mm)
956900 - S2	customize*	4-5	From 30	customize*	customize*

* customized size depending of the unit installed

CONTACT

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