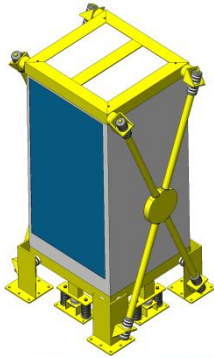


SPECIAL RACKS & DATA CENTER SEISMIC CONTROL

Seismic control plinth designed to minimize effects of big earthquakes in Special Racks, sensitive TI devices, UPS, Switch Boards, Slim cabinets, etc., by reduction of acceleration.



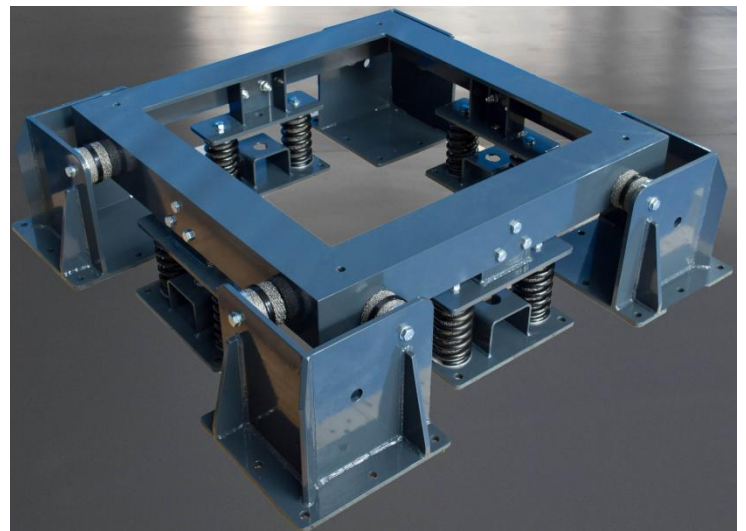
Patented Solution designed for Data Center and TI devices protection against external vibrations and earthquakes:

- ▷ **Seismic Hazard (until Richter 7)**
- ▷ Civil Works or Data Center growth
- ▷ Nearby Emergency Generators
- ▷ InRow and CRAC units
- ▷ Railways or Heavy Traffic

Installation by our trained team upon request.

PROPERTIES

- ▷ Innovative design manufactured with 1 dependent frame for vertical and 4 corner pieces for horizontal energy absorption
- ▷ 2 side Cross Bracing to control pendulum movement
- ▷ Direct anchored to the concrete floor and independent of raised floor if available
- ▷ Designed for Cold/Hot Aisle Containments, integrating both rows and doors
- ▷ 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 7 Richter as standard, stronger design upon request
- ▷ Design totally metallic according Data Centers FIRE protection standards.
- ▷ 99% vibration absorption between 100 Kg and 1,500 Kg from 50 Hz
- ▷ Noncorrosive



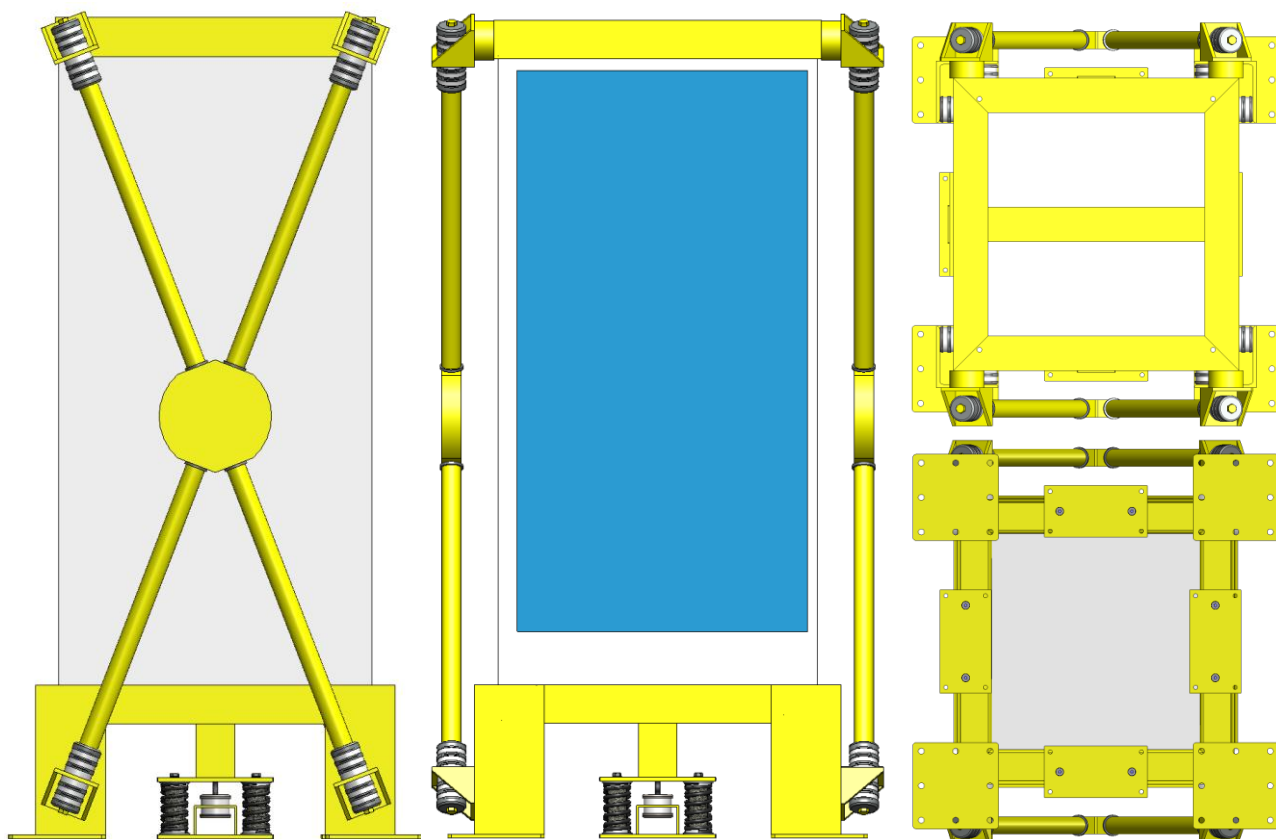
CUSTOM ADJUSTEMENT

- ▷ **Totally adaptable** to rack 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)
959900 - S1	>1,500 Kg/rack	4-5	From 30	customized*	customized*

CONTACT

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