

# Package Vibration Test System

*Team* servo hydraulic vibration test systems offer versatile and cost effective testing solutions for the transportation and packaging industry. To meet the transportation and packaging tests identified in the ASTM, ISTA and IEC specifications *Team* can offer either the LCS-48 Package Test System or custom designed solutions.

The LCS-48 is a compact, self-contained unit with a 1.2m (48") square vibration table. The system is exceptionally quiet and does not require any additional utilities such as water for cooling or external hydraulic supplies. The integral hydraulic supply is an efficient, air-cooled, variable volume hydraulic pump that allows the electric motor to work in exact proportion to the system needs, thereby reducing electrical consumption.



## Features:

- Totally Self Contained Unit
- Air Cooled- Hydraulic Pump/Motor, no water required
- Quiet - 72 dB at 6 feet (2 metres)
- Compact - 48" x 72" (1.2m x 1.8m) footprint
- Large Table Working Area 48" x 48" (1.2m x 1.2m)
- High Performance - 2" (50mm) stroke and up to 200 Hz frequency range
- Sine and Random Testing
- ASTM, ISTA and IEC Capability

## Electronic Applications:

- TV's Videos, Microwaves, fridges, freezers etc.
- Computers, Printers, Monitors, & Peripherals

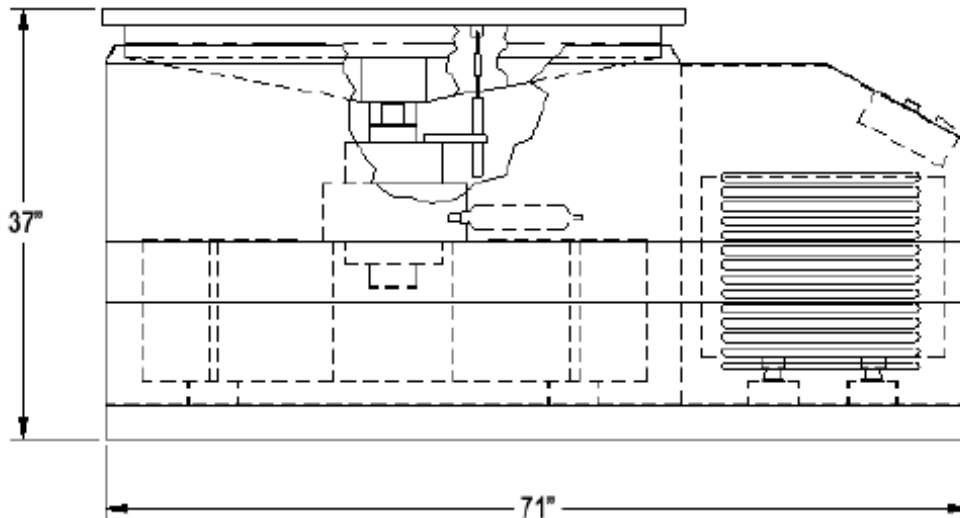
## Commercial Applications:

- Farm Produce-Fruit, Vegetables and Flowers
- Pharmaceuticals, Perfumes and Cosmetics

# LCS-48 Specifications

## LCS-48

Dynamic Force	2,200 lbf (9786 N)
Maximum Stroke	2.00 inches (50mm)
Dynamic Moment Capacity	10,000 in-lbs (178.5 kg/mm)
System Velocity	16 in/sec (0.4 m/s)
Table Size	48" x 48" (1.2m x 1.2m)
Maximum Load Rating	800 lbs (362 kg)
Reaction Mass	Integral - 5000 lbs (2268 kg)
Maximum Frequency	200 Hz Sine 300 Hz Random
Physical Size	48" x 72" 36" (1.2 x 1.8 x 0.9 m)
Shipping Weight	6500 lbs (2948 kg)



LCS 48 Elevation