

Air springs provide low frequency vibration isolation with no metallic continuity. The twin sphere MT is specifically designed for low frequencies without noise transmission. Mountings are installed with leveling valves and a replenishing air supply. Our air springs can be used for direct mounting or with steel base designs and are available in a range of sizes or built to special order in our Mercer division.

"MASON" Type MT

Twin Sphere Air Springs

Air spring's support is provided by pressurized air within a thin walled rubber container similar to but lighter than the side walls of an automobile tire. As the sound is not transmitted by the air or the tire cord reinforced neoprene body, air springs could effectively eliminates the high frequency noise transmission.



Features

- ♦ Extreme low natural frequency at 3Hz or even lower
- ♦ Approaching 100% vibration isolation at all audible frequencies

Applications

- ♦ Air springs could be used at critical noise sensitive areas to eliminate vibration from mechanical equipment.
- ♦ Vibration isolated support for vibration sensitive equipment from ground-borne vibration, e.g. electronic microscope, laser scanner, etc.