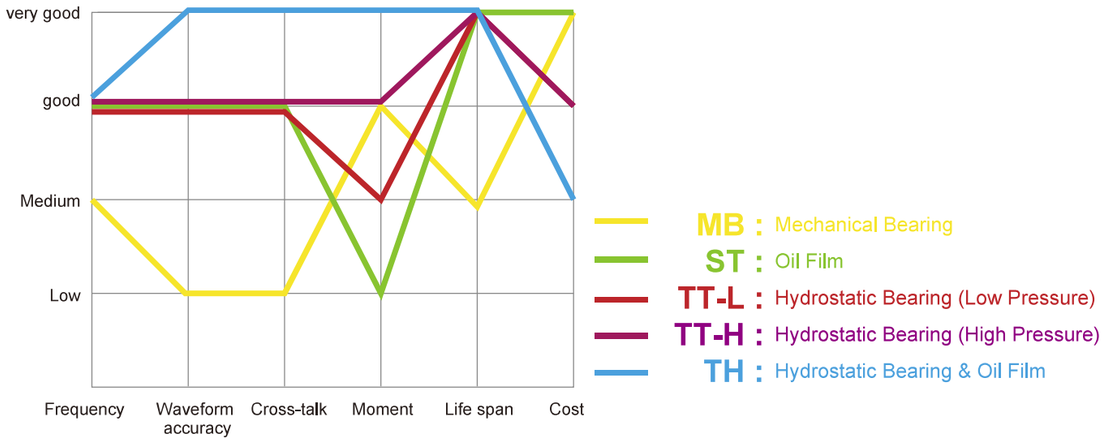
# Introduction

A slip table is required for testing a specimen in its horizontal axis, or when a heavy specimen is to be tested. Slip tables are designed to achieve low friction in the driven axis, while supporting heavy loads and introducing minimum waveform distortion. All products from mechanical bearing to hydrostatic and hydraulic bearing slip table are all designed and built in-house, giving IMV full design control of this important part of a vibration test system.




Pitch Moment [N・m]

| | MB | ST | TT-L | TT-H | TH |
|---|---|---|---|---|---|
| 200 x 200 | 50 | - | - | - | - |
| 300 x 300 | 200 | - | - | - | - |
| 400 x 400 | 300 | - | - | - | - |
| 500 x 500 | - | 200 | 1,100 | 4,000 | - |
| 550 x 550 | - | - | 1,100 | 4,000 | 3,000 |
| 630 x 630 | - | 400 | 1,100 | 4,000 | - |
| 750 x 750 | - | - | 2,200 | 7,700 | 33,000 |
| 800 x 800 | - | 800 | 2,200 | 7,700 | - |
| 950 x 950 | - | - | 2,200 | 7,700 | 42,500 |
| 1000 x 1000 | - | 1,300 | 2,200 | 7,700 | - |
| 1150 x 1150 | - | - | 4,600 | 16,000 | 42,500 |
| 1200 x 1200 | - | - | 4,600 | 16,000 | - |
| 1450 x 1450 | - | - | 6,500 | 22,000 | 99,000 |
| 1500 x 1500 | - | - | 6,500 | 22,000 | - |
| 1800 x 1800 | - | - | 10,000 | 48,000 | - |
| 2000 x 2000 | - | - | 10,000 | 48,000 | - |

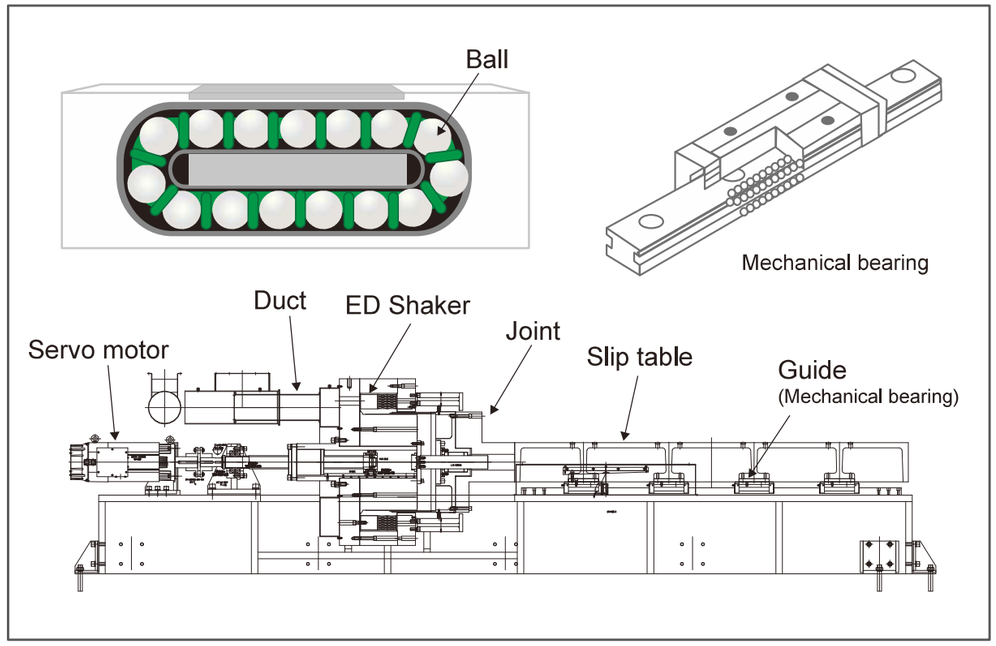
Maximum Load [kg]

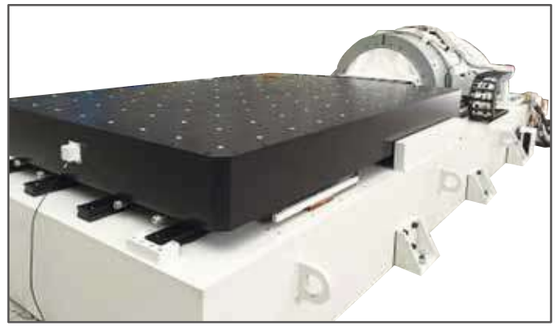
| | MB | ST | TT-L | TT-H | TH |
|---|---|---|---|---|---|
| 200 x 200 | 30 | - | - | - | - |
| 300 x 300 | 30 | - | - | - | - |
| 400 x 400 | 50 | - | - | - | - |
| 500 x 500 | - | 200 | 200 | 800 | - |
| 550 x 550 | - | - | 200 | 800 | 1,500 |
| 630 x 630 | - | 300 | 300 | 1,200 | - |
| 750 x 750 | - | - | 400 | 1,600 | 9,000 |
| 800 x 800 | - | 400 | 400 | 1,600 | - |
| 950 x 950 | - | - | 500 | 2,000 | 9,000 |
| 1000 x 1000 | - | 500 | 500 | 2,000 | - |
| 1150 x 1150 | - | - | - | 2,000 | 9,000 |
| 1200 x 1200 | - | - | 500 | 2,000 | - |
| 1450 x 1450 | - | - | - | 2,000 | 9,000 |
| 1500 x 1500 | - | - | 500 | 2,000 | - |
| 1800 x 1800 | - | - | 800 | 3,000 | - |
| 2000 x 2000 | - | - | 800 | 3,000 | - |



# MB : Mechanical Bearing

Mechanical bearing employs the linear motion guide which incorporates a component with a linear rolling motion into practical use. It significantly contributes to high performance of table which are high-rigidity, high load and long stroke motion. Another strong feature of the mechanical bearing is easy to operate. Since it is light weighted and no need for a hydraulic unit.



See the movie on You Tube

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