



T-Film Slip Tables

Team

Systems & Solutions

Engineered

vibration testing

solutions for

improved

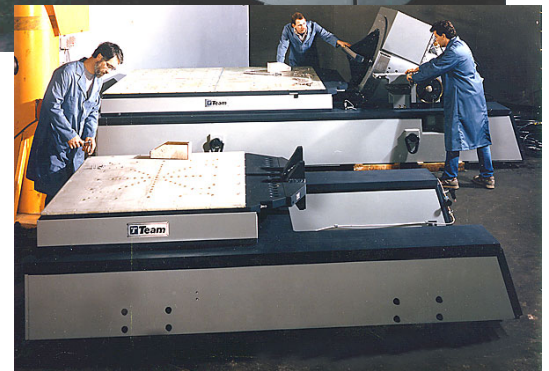
product quality.

T-Film Slip Tables

The T-Film Bearing System offers the rugged overturning moment capacity of the TEAM hydrostatic bearings combined with the full oil support of a oil film type slip table. This table system is assembled from a number of modular T-Film bearings. Each bearing is 12" x 12" and allows the table to be exactly configured to the customers test article size and load requirements. The design of the T-Film bearing and the direct load path from the slip plate to the base is much stiffer than other guidance systems.

The use of multiple bearings that completely support and guide the slip plate will offer excellent dynamic stability and damping for better test results.

With a standard stroke limit of 2.50 inches the bearings will work with all modern long stroke shaker systems. Longer stroke systems have been made and are available for hydraulic shaker applications.



(Photos shown with integrated shaker bases)

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Features

- Very high load capacity
- Excellent cross-axis control
- Outstanding dynamic stiffness
- Many load carrying bearings
- Low pressure oil system
- TEAM hydrostatic bearing design
- Easy to switch to smaller slip plate

Applications

- Electronic component testing
- Thermal + vibration w/ large fixtures
- Long stroke low frequency testing
- Large cabinet testing
- Satellite testing w/ 3 m x 3 m table
- High CG test articles
- Mil Std testing to 2000 Hz.

Specifications

	483.24	483.36	483.40	483.48	483.60
Working Area	24 x 24 in. 60 x 60 cm	36 x 36 in. 90 x 90 cm	40 x 40 in. 100 x 100 cm	48 x 48 in. 120 x 120 cm	60 x 60 in. 150 x 150 cm
Number of Bearings	Up to 4	Up to 9	Up to 9	Up to 16	Up to 25
Moving Weight	145 lb. 66 kg	330 lb. 150 kg.	420 lb. 190 kg.	510 lb. 232 kg.	770 lb. 350 kg.
Stroke	62 mm is standard, specials up to 300 mm				
Pitch Moment Capacity In-lb. (kN-m)	.47 x 10 ⁶ (53)	1.4 x 10 ⁶ (158)	1.6 x 10 ⁶ (180)	3.7 x 10 ⁶ (418)	7.0 x 10 ⁶ (790)
Roll Moment Capacity In-lb. (kN-m)	.47 x 10 ⁶ (53)	1.4 x 10 ⁶ (158)	1.6 x 10 ⁶ (180)	3.7 x 10 ⁶ (418)	7.0 x 10 ⁶ (790)
Yaw Moment Capacity In-lb. (kN-m)	54 x 10 ³ (6)	108 x 10 ³ (12)	126 x 10 ³ (14)	162 x 10 ³ (18)	216 x 10 ³ (75)

Table Dimensions

Base width 'A'	31 in. (78.7cm)	43 in. (109 cm)	47 in. (119 cm)	55 in. (140 cm)	67 in. (170 cm)
Base length 'B'	33 in.(83.8 cm)	45 in.(114 cm)	49 in.(124 cm)	57 in.(145 cm)	69 in. (175 cm)
Overall height 'C'	8.6 in. (22 cm)	9.0 (23 cm)	9.0 (23 cm)	9.0 (23 cm)	9.0 (23 cm)
Shipping Weight	1250 lb. 570 kg.	2500 lb. 1140 kg.	3080 lb. 1400 kg.	3700 lb. 1680 kg.	5425 lb. 2460kg.

