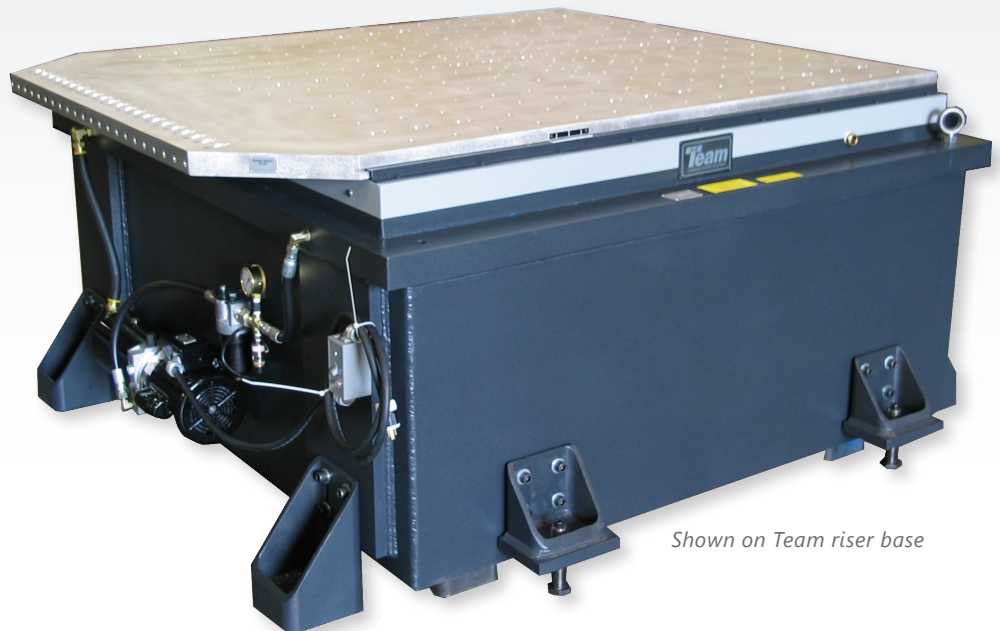


T-Film Slip Tables

The low oil pressure T-Film Bearing System offers the rugged overturning moment capacity of the Team hydrostatic bearings combined with the full oil support of a granite or journal bearing oil film type slip table. This table system is assembled from a number of patented modular T-Film bearings. Each bearing measures 12" x 12" (300mm x 300mm) and allows the table to be 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.



Shown on Team riser base



T-Film Bearing Element

Features:

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

Applications:

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

Specifications

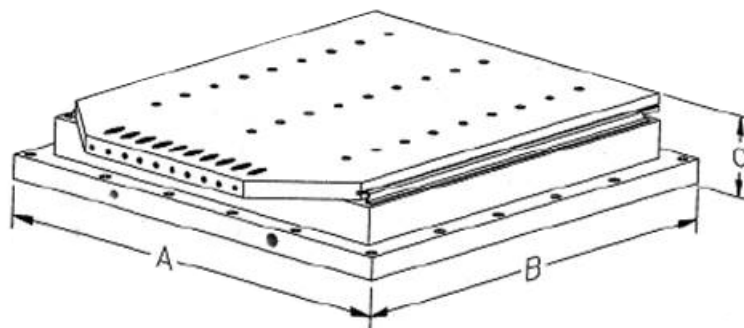
	483.24	483.36	483.40	483.48	483.60
Working area	24 x 24 in (60 x 60 cm)	36 x 36 in (90 x 90 cm)	40 x 40 in (100 x 100 cm)	48 x 48 in (120 x 120 cm)	60 x 60 in (150 x 150 cm)
Number of Bearings	Up to 4	Up to 9	Up to 9	Up to 16	Up to 25
Moving Weight	145 lb (66 kg)	330 lb (150 kg)	420 lb (190 kg)	510 lb (232 kg)	770 lb (350 kg)

Stroke 62 mm is standard, specials up to 300 mm

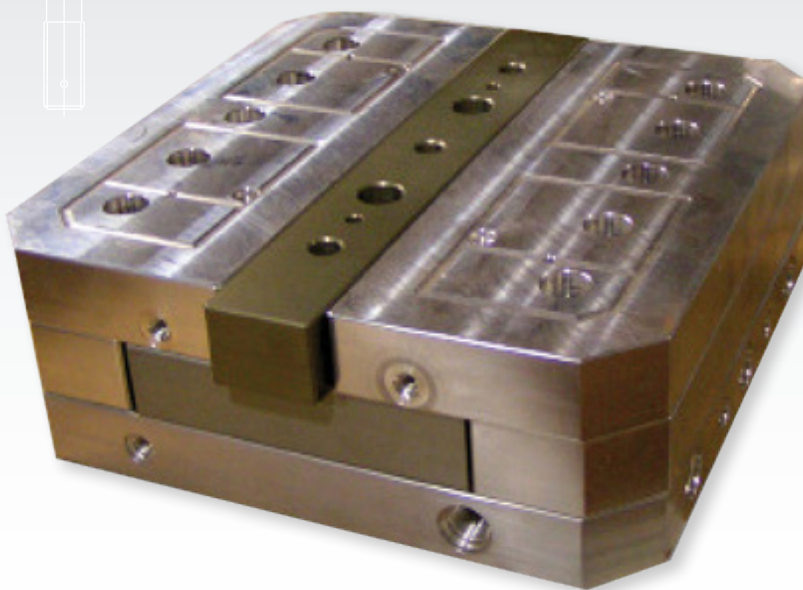
Pitch Moment Capacity	.47 x 10 ⁶ in-lb (53 kN-m)	1.4 x 10 ⁶ in-lb (158 kN-m)	1.6 x 10 ⁶ in-lb (180 kN-m)	3.7 x 10 ⁶ in-lb (418 kN-m)	7.0 x 10 ⁶ in-lb (790 kN-m)
Roll Moment Capacity	.47 x 10 ⁶ in-lb (53 kN-m)	1.4 x 10 ⁶ in-lb (158 kN-m)	1.6 x 10 ⁶ in-lb (180 kN-m)	3.7 x 10 ⁶ in-lb (418 kN-m)	7.0 x 10 ⁶ in-lb (790 kN-m)
Yaw Moment Capacity	54 x 10 ³ in-lb (6 kN-m)	108 x 10 ³ in-lb (12 kN-m)	126 x 10 ³ in-lb (14 kN-m)	162 x 10 ³ in-lb (18 kN-m)	216 x 10 ³ in-lb (25 kN-m)

Table Dimensions:

A	31 in (78.7 cm)	43 in (109 cm)	47 in (199 cm)	55 in (140 cm)	67 in (170 cm)
B	33 in (83.8 cm)	45 in (114 cm)	49 in (124 cm)	57 in (145 cm)	69 in (175 cm)
C	8.6 in (22 cm)	9.0 in (23 cm)	9.0 in (23 cm)	9.0 in (23 cm)	9.0 in (23 cm)
Shipping Weight	1250 lb (570 kg)	2500 lb (1140 kg)	3080 lb (1400 kg)	3700 lb (1680 kg)	5425 lb (2460 kg)



T-Film Bearing Element



T-Film hydrostatic bearing elements are designed to be assembled in an array that provides both high overturning moment and exceptional yaw restraint. Each single axis (-1) bearing element will provide perfect lateral alignment of your slip plate, while the dual axis (-2) bearing element will allow for up to 0.10 side motion to account for thermal expansion and contraction.

Each T-Film Bearing Element measures 12 in x 12 in (300 mm x 300 mm) and is designed to support a slip plate area of the same size. This bearing utilizes low pressure T-Bearings combined with an oil film surface to provide a dynamic load capacity which exceeds the capacity of a standard high pressure journal bearing/granite slip table system. This low pressure (600 psi) oil is ported through the base, eliminating the need for oil ports in the slip table. The normal stroke limit of this bearing is 2.5 in (62.5 mm) with available static stroke up to 12 in (300 mm).





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