



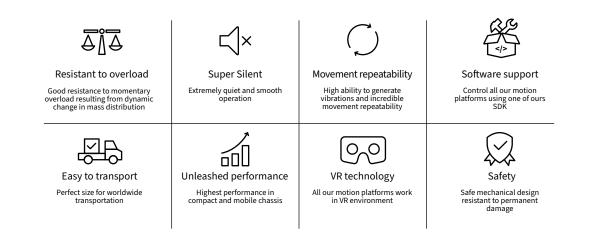
PROFESSIONAL SERIES **PS-6TL-350**



MOTION PLATFORM PS-6TL-350

The PS-6TL-350 device is a type of Stewart platform with gross moving load up to 350 kg. It is a type of six-degree-of-freedom parallel manipulator that allows execution of three translational movements and three rotational movements about the vertical, longitudinal and lateral axis.

KEY FEATURES



PS-6TL-350 V2_022024

GENERAL SPECIFICATION

	EXCURSIONS SINGLE DOF	VELOCITY	ACCELERATION
SURGE	- 0.3 m, 0.27 m - 11.81 in, 10.62 in	0.68 m/s 33.86 in/s	6.4 m/s ²
SWAY	- 0.26 m, 0.26 m - 10.23 in, 10.23 in	0.7 m/s 27.56 in/s	5 m/s²
HEAVE	- 0.17 m, 0.19 m - 6.14 in, 7.36 in	0.37 m/s 14.57 in/s	5 m/s²
ROLL	-20.6°, 20.6°	45°/s	600°/s²
РІТСН	-19.9°, 18.1°	50°/s	650°/s²
YAW	-27.8°, 27.8°	60°/s	700°/s²
TOTAL LENGTH	1660 mm 65.35 in		
TOTAL WIDTH	1727 mm 67.96 in		
MIN HEIGHT	790 mm 31.10 in		
POWER SUPPLY REQUIREMENTS	220-250 VAC Single Phase		
AVERAGE POWER (kVA)	2.9 kVA		
PEAK POWER (kVA)	6.2 kVA		
PEAK CURRENT (A)	28 A		
AVERAGE POWER - STRESS TEST (kW)	1.5 kW		
AVERAGE POWER - TYPICAL GAME (kW)	0.3 kW		
CONNECTION	USB Ethernet		

PAYLOAD SPECIFICATION

GROSS MOVING LOAD	350 kg 772 lb
PRODUCT WEIGHT	390 kg 860 lb
PAYLOAD	300 kg 661 lb
MOMENTS OF INERTIA*	lxx 125 kg*m ² lyy 125 kg*m ² lzz 125 kg*m ²

*REFERENCE POINT MOVING PLATFORM CENTROID

ADD-ONS & ACCESSORIES

Electromagnetic safety brakes, Power Cabinet PS-SB230

OUR SOFTWARE

Platform Manager - ForceSeatPM (free-of-charge), Motion SDK - ForceSeatDI, Motions SDK - ForceSeatMI, Motion Theater



GENERAL DIMENSIONS

