

Performance Specifications for the Standard MHP-11 and MHP-14 designs

	MHP-11	MHP-14	
Base Diameter	203.2	203.2	mm
Platform Diameter	165.1	165.1	mm
Height	147.5	147.5	mm
Mass	1.9	2.6	kg
Load capacity	2	5	kg

Range of Travel from the mid-travel position

X & Y	25.0	25.0	±mm
Z	12.5	12.5	±mm
Rx	10.0	10.0	±deg
Ry	10.0	10.0	±deg
Rz	20.0	20.0	±deg

Avg Step Size

X & Y	0.006	0.002	mm
Z	0.003	0.001	mm
Rx	0.003	0.001	deg
Ry	0.003	0.001	deg
Rz	0.006	0.002	deg

Max speed

X & Y	10.0	3.0	mm/sec
Z	5.0	1.5	mm/sec
Rx	4.0	1.3	deg/sec
Ry	4.0	1.3	deg/sec
Rz	8.0	2.5	deg/sec

Travel flatness during X & Y translations

Z deviation	25 ±um	?	50 mm move
	(1 um/mm)		