

MANUAL VERSION



MOTORIZED VERSION

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Pressure Range: Atmosphere To 1 x 10⁻¹¹ Torr

Work Load: 50 lbs. concentric X-Y Motion: +/- 12.5 mm

Position Resolution (Micrometer): .002 mm or .0001"

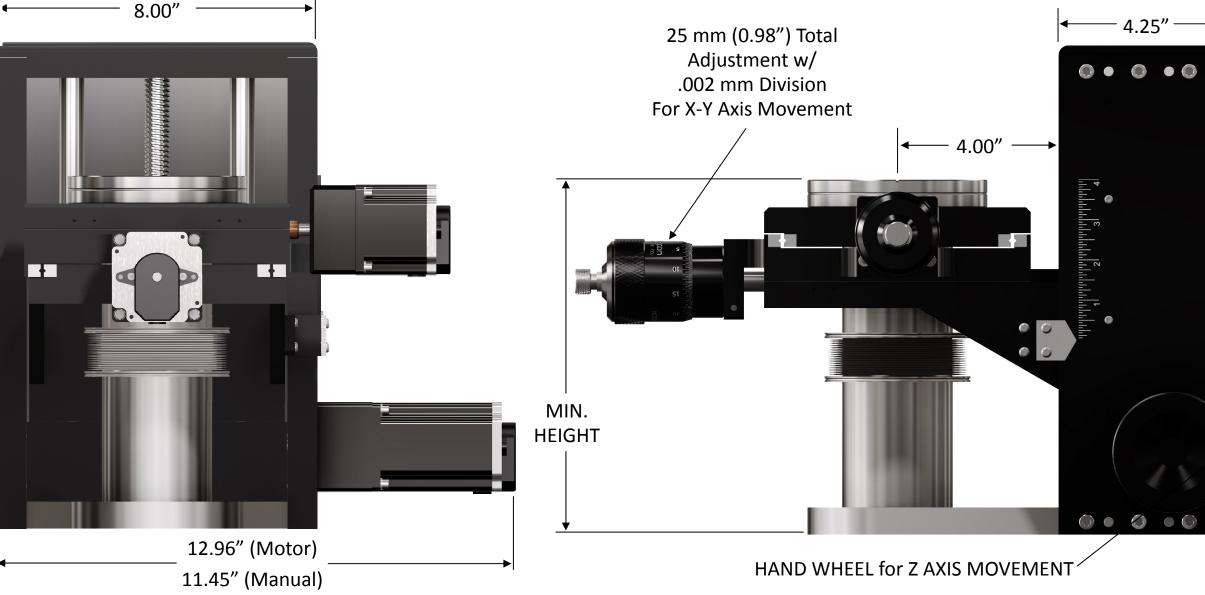
Stepper Motor: 1.8° full step, 51,200 microsteps/revolution

Specifications

Sealing Mechanism: Welded Bellows

Bellows ID: 2.50"

Bakeout Temperature: 300°C (Bellows only)
Operating Temperature: -20° to 80°C (Motorized)



Dimensions: inches (mm)

X - Y - Z MANIPULATOR, 4 1/2" VAC-U-FLANGE®

STROKE	MINIMUM HEIGHT	"A"	WEIGHT (lbs.)	MANUAL	MOTORIZED
4.0	8.82	12.16	39.4	PM-450-4Z	MPM-450-4Z
8.0	9.01	16.38	44.6	PM-450-8Z	MPM-450-8Z
12.0	9.40	22.50	50.2	PM-450-12Z	MPM-450-12Z

Other stroke lengths & options available.
For quotes, please call 800-227-8059 or visit our website at www.huntvac.com. Email: wacman@huntvac.com

₩	Huntington lechanical Labs, Inc.	13355 NEVADA CITY AVENUE					
Q N	lechanical Labs, Inc.	GRASS VALLEY, CA. 95945					
MANIPULATOR, MULTI-AXIS,							
MOTORIZED or MANUAL, W/SCALE							
B (M)PM-450-(XX) OUTLINE							
SCALE:	NO SCALE	SHEET: 1	OF 1				