



esMP4 plus
universal manipulator
easy motion,
easy handling

key features

90° column rotation for maximum range of motion (180°/270°/360° optional)

theta compliance in fork – tumble gear in tumble axis

indexing bolts/clamps for all axis

optional electrical z-twist- and tumble-axis

weight

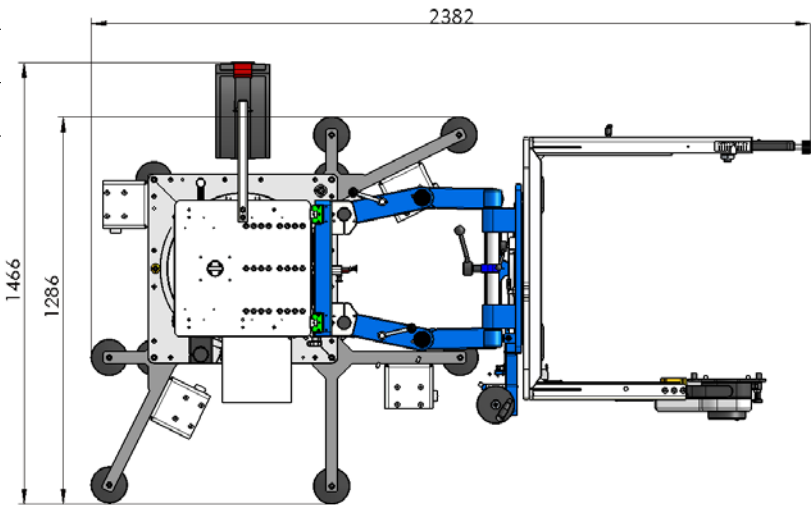
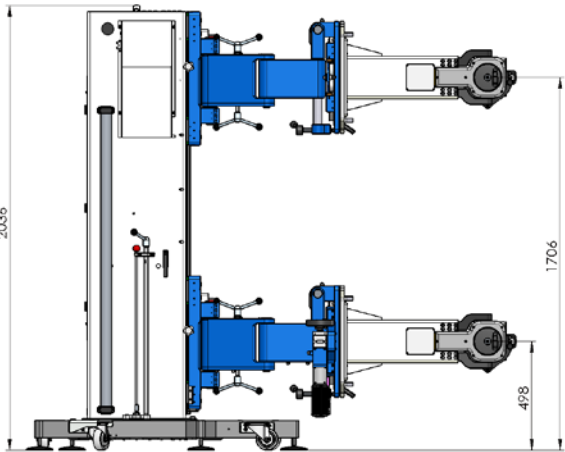
max. load capacity	450 kg / 992 lbs
max. system weight	unloaded: 940 kg / 2,072 lbs
	loaded: 1,840 kg / 4,057 lbs*

linear

vertical travel (z-axis)	1,200 mm (47.2")
in/out (y-axis)	300 mm (11.8")
side-to-side (y-axis)	360 mm (14,1")

rotation

tumble	±90°
twist/rotation	270°
theta adjustment	±2.5°
rotating movement	up to 360°



* Max. values depending on test set-up configurations/equipment.

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