

Positioner Spec.	3,000 lb Gear-Tilt Weld Positioner (1PT-300)	6,000 lb Gear-Tilt Weld Positioner (T6PS-100)	12,000 lb Gear-Tilt Weld Positioner (T12PS-100)	24,000 lb Gear-Tilt Weld Positioner (T24PS-100)	Robotic Gear Tilt Positioner (1RPT-100)
					1pt-robotic-gear-tilt-positioner-2
Loading Capacity	3,200 lbs (at mounting plate)	6,000 lbs (at 12" overhung load)	12,000 lbs (at 12" overhung load)	24,000 lbs (at 12" overhung load)	1,100 lbs (at 12" overhung load)
Footprint	64" x 53" x 49"	67-7/8" x 52-7/8" x 53"	89" x 63-7/8" x 74-1/8"	96-1/2" x 74-7/8" x 80"	837/8" x 481/4 x 531/2"
Tilting Range	-45° - 90°	-45° - 90°	-45° - 90° (vertical mounting plate datum)	-45° - 90° (vertical mounting plate datum)	To be added
	(vertical mounting plate datum)	(vertical mounting plate datum)			
Tilting Torque	35,000 in-lbs	125,000 in-lbs	250,000 in-lbs	550,000 in-lbs	35,000 in-lbs
Tilting Speed	0.1 - 0.9 RPM (135° in 25 seconds)	0.1 - 1.0 RPM (135° in 25 seconds)	0.1 - 1.0 RPM (135° in 25 seconds)	0.1 - 1.0 RPM (135° in 25 seconds)	0.1-0.9 RPM (135° in 25 seconds)
Turning Torque	20,000 in-lbs	60,000 in-lbs	125,000 in-lbs	250,000 in-lbs	20,000 in-lbs
Turning Speed	0.1-2.2 RPM (Other speed options available)	0.1 - 2.5 RPM (Other options available)	0.05-2.2 RPM (Other speed options available)	0.05 - 1.2 RPM (Other speed options available)	0.1-2.2 RPM (Other speed options available)
Height Range	29-1/2" - 49-1/2" (mounting plate height),	32" - 52" (mounting plate height),	48-1/8" - 80-1/8" (mounting plate height),	50.5" - 82" centre height	To be added
	Adjustable in 5" increments	Adjustable in 4" increments	Adjustable in 4" increments	adjustment in 4" increments	
Mounting Plate Diam.	30" (optional: 48" OD slotted faceplate)	42" (T-Slot Plate with 6 x 5/8" slots)	48" (T-Slot Plate with 6 x 3/4" slots)	60" (T-Slot Plate with 6 x 1" slots)	To be added
Power Requirements	120V, 15A, 1-ph, 60Hz	480V, 7A, 3-ph, 60Hz	480V, 13A, 3-ph, 60Hz	480V, 21A, 3-ph, 60Hz	208 V, 3-ph
Ground Capacity	800 Amps	800 Amps	1,500 Amps	1,500 Amps	800 Amps
Weight	3,250 lbs	3,702 lbs	7,745 lbs	11,094 lbs	2,750 lbs