

# Gear Tilt Positioners



ProStar™ gear tilt positioners feature variable-speed tilt and rotation. Praxair can automate your welder and positioner for maximum productivity and quality. Pre-manufactured robotic weld cells are also available.

**GEAR UP FOR  
PRODUCTIVITY**



SPECIFICATIONS	PRS1PT300	PRST6PS100	PRST12PS100	PRST24PS100
LOAD CAPACITY	3,000 lbs.	6,000 lbs.	12,000 lbs.	24,000 lbs.
TILTING TORQUE	35,000 in.-lbs.	60,000 in.-lbs.	250,000 in.-lbs.	550,000 in.-lbs.
TILTING SPEED	0.1 rpm - 0.9 rpm	0.1 rpm - 0.9 rpm	0.05 rpm - 1 rpm	0.05 rpm - 1 rpm
HEIGHT ADJUSTABILITY	29 – 49 in. center 5 in. increments	30 – 50 in. center 5 in. increments	48 – 80 in. center 4 in. increments	50.5 – 82 in. center 4 in. increments
TABLE DIAMETER	26 in. / available with 48 in. slotted faceplate	42 in. / 6 × 5/8 in. slot	52 in. / 6 × 3/4 in. slot	62 in. / 6 × 1 in. slot
POWER REQUIREMENTS	110 V 1-ph*	480 V 3-ph*	480 V 3-ph*	480 V 3-ph*
ROTATION SPEED**	0.1 rpm - 2.2 rpm	0.1 rpm - 2.5 rpm	0.05 rpm - 2.2 rpm	0.05 rpm - 1.2 rpm
TURNING TORQUE	20,000 in.-lbs.	60,000 in.-lbs.	125,000 in.-lbs.	250,000 in.-lbs.
GROUND CAPACITY	800 A	800 A	1500 A	1500 A
SHIPPING WEIGHT	2,750 lbs.	3,750 lbs.	7,650 lbs.	10,500 lbs.
SHIPPING DIMENSIONS	64 in. × 48 in. × 35 in.	53 in. × 68 in. × 73 in.	89 in. × 60 in. × 59 in.	96 in. × 71 in. × 62 in.

\*208 V – 600 V, 50 – 60 Hz input power options available. Specifications subject to change without notice.

\*\*Other speed options available.

### Hand Pendants



**PRSHP100**  
Heavy rubber 25 ft. cable with 19-pin metal plug. Optional LCD readout. Wireless option available.

### Foot Switches



**PRSF5FR Forward/Reverse**  
Heavy-duty cast steel body with heavy-duty guard/handle and heavy rubber 25 ft. cable with 4-pin metal plug.

### Grippers



**PRST60100**  
2 in. - 60 in. Gripping dia / 10,000 lbs.



Fully integrated with manipulators or robotic welding