

POSITIONERS

Models range from 50 kgs to 30,000 kgs



Bench Positioner
(50 to 100 Kg Capacity)

Key Attributes

- All welding positioners are designed for long service life and trouble free operations.
- The main frame is a rugged, fabricated structure, supporting all other subassemblies and designed for free standing in unloaded condition.
- The work table is mounted on antifriction bearing arrangement and is especially designed to take overhung loads.
- The work table is provided with T slots for clamping of work or workholding fixtures.
- The work table rotation is by a drive mechanism using AC motor, precision cut gears and worm reduction gearbox.
- The tilt drive mechanism allows the work table to be positioned and locked at the desired angle within the specification of the positioner.
- The positioner is also provided with a special direct earthing arrangement, which prevents the return current from passing through the bearing, shaft gear or gears.
- Mechanical stoppers present in case of limit switch failure.
- Once the job is loaded it can be manipulated conveniently to complete all the welding operation in down hand position. This reduces handling time & frequent use of crane.

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OPTIONAL FEATURES

- Face plate in diameter larger than the standard version can be provided against specific requirement.
- External arms will be required to accommodate an increase in diameter.
- AC variable frequency drive for table rotation.
- Table rotation start / stop controls can be given on foot switch.
- Fixed speed for tilting.

OTHER OPTION

- Head stock - tail stock setup.
- Elevating type positioners.
- Turn tables.

TECHNICAL SPECIFICATIONS

Model	WPL 50	WPL 100	WPL 250	WPL 500	WPL 1000	WPL 2000	WPL 3000	WPL 5000	WPL 8000	WPL 10000	WPL 15000	WPL 20000	WPL 30000
Capacity in all position (KG)	50	100	250	500	1000	2000	3000	5000	8000	10000	15000	20000	30000
Face plate OD " ØD " (MM)	300	500	600	750	1000	1200	1400	1600	1800	2200	2400	2800	2800
Eccentricity " E " (MM)	40	40	100	150	150	150	150	150	150	200	250	300	300
C.G. (MM)	40	40	100	150	150	200	250	300	300	300	300	300	300
Speed Range (RPM)	0.45 to 8.4		0.1 to 1.5		0.1 to 1.0			0.02 to 0.2		0.02 to 0.25		0.01 to 0.15	
Tiltin Range (DEGREE)	+ 60 to - 120		← 0 to 135 →										
Tilting Speed (SEC)	Manual		60	60	90	90	120	120	150	150	150	180	180
Overall Length "L" (MM)	580	580	1100	1300	1400	1600	1700	2200	2300	2700	2900	3400	3700
Overall Width "W" (MM)	590	590	680	900	1100	1250	1500	1750	1900	2300	2500	3200	3200
Overall Height "H" (MM)	500	500	900	1000	1000	1050	1300	1400	1500	1750	2200	2650	2650

