

## POSITIONERS

FROM 50 KGS TO 30,000 KGS



# POSITIONER



## Key Attributes

- Designed for long service life and reliable operation.
- Sturdy frame supports all subassemblies and stands freely when unloaded.
- Work table mounted on anti-friction bearings for overhung loads.
- T-slots on the work table for clamping workpieces or fixtures.
- Table rotation driven by an AC motor with precision gears and worm reduction gearbox.
- Tilt drive mechanism locks the table at desired angles.
- Direct earthing prevents return current from passing through bearings and gears.
- Mechanical stoppers in case of limit switch failure.
- Reduces handling time and crane use by allowing convenient manipulation of loaded jobs for complete welding.
- Ideal for circumferential welding, strip cladding, and accessing intricate assemblies, especially with CBM.

## Optional Attributes

- Larger face plate diameters available upon request.
- External arms accommodate increased diameter.
- Tilt drive uses an AC variable frequency drive.
- Optional rear walkway / platform available.
- Foot switch for table rotation start / stop controls.
- Headstock-tailstock setup.
- Elevating positioners.
- Turntables.

## Application

ADOR's Welding Positioners are ideal for manipulating and rotating round or cylindrical jobs for SAW and MIG / MAG welding of tanks, barrels, process equipment, and tubular components.

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## Technical Specifications

MODEL	WPM 250	WPM 500	WPM 1000	WPM 2000	WPM 3000	WPM 5000	WPM 8000	WPM 10000	WPM 15000	WPM 20000	WPM 30000
Capacity in all Position (KG)	250	500	1000	2000	3000	5000	8000	10000	15000	20000	30000
Face plate OD (mm)	600	750	1000	1200	1400	1600	1800	2200	2400	2800	2800
Eccentricity "E"(mm)	100	150	150	150	150	150	150	200	250	300	300
C.G. (mm)	100	150	150	200	250	300	300	300	300	300	300
Speed Range (RPM)	0.1-1.5		0.1-1.0			0.02-0.2		0.02-0.25		0.01-0.15	
Tiltin Range (Degree)	+ 60 to - 120										
Tilting Speed (Sec)	60	60	90	90	120	120	150	150	150	180	180
Overall Length L(mm)	1100	1300	1400	1600	1700	2200	2300	2700	2900	3400	3700
Overall Width W(mm)	680	900	1100	1250	1500	1750	1900	2300	2500	3200	3200
Overall Height H(mm)	900	1000	1000	1050	1300	1400	1500	1750	2200	2650	2650

### WARRANTY DETAILS

**Duration:** One year from the commissioning date. ADOR WELDING LIMITED ensures new equipment sold through Plant/Area Offices/Authorized Distributors is free from defects in materials and workmanship, performing as per applicable specifications.

**Cable Wear:** ADOR is not liable for wear and damage to cables caused by flexing and abrasion. Users must regularly inspect cables for wear and address any issues before cable failure occurs.

**Design and Specification Changes:** ADOR WELDING LIMITED reserves the right to modify designs and specifications without prior notice due to continuous development.

**Customer Care:** Supported by a dedicated customer care package.



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