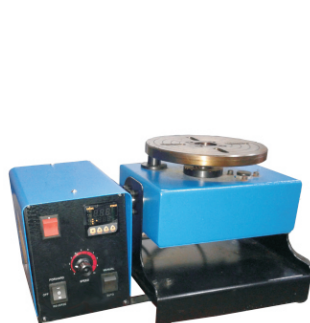


## WELDING POSITIONERS



**Light Duty**



**Medium Duty**



**Heavy Duty**

### Features:

- Heavy Duty Structure made out of fabrication steel.
- Ergonomically designed, reliable and vibration free.
- Highly stable and accurate rotation even at low speeds.
- High Center of Gravity (CG) for rotation of eccentric loads.
- Back-lash free gear box for rotation and tilting.
- Fail - Safe, anti-fall mechanism for safe operation in tilted position.
- Sealed roller / ball bearings for long service life without maintenance.
- Hollow spindle also available for special purpose applications.
- Suitable for interfacing with NC or CNC controllers.
- Heavy duty motors of 100% duty cycle.
- Heavy duty Variable Frequency Drive (VFD) for continuous operation without overheating and tripping.
- Tilting available even up to 135°
- Suitable for TIG, MIG, MAG, Plasma welding.
- Also for SAW, Strip cladding and PTA welding.

### Specification:

| Model     | Payload Capacity (Kg) | Faceplate Dia (mm) | Rotation Speed (rpm) | Tilting angle | Motor Power (hp) | Speed Regulation                   | Tilting               | Power Supply              | Controls                                                            |
|-----------|-----------------------|--------------------|----------------------|---------------|------------------|------------------------------------|-----------------------|---------------------------|---------------------------------------------------------------------|
| PS203     | 20                    | 300                | 0 - 8                | 0 - 90°       | 0.05             | DC Geared Motor With Potentiometer | Manual                | 220-240 VAC/1-Ø / 50-60Hz | Start / Stop, Forward / Reverse, Speed Variation                    |
| PS503     | 50                    | 300                | 0 - 8                | 0 - 90°       | 0.25             |                                    |                       |                           |                                                                     |
| PS1004    | 100                   | 400                | 0.4 - 4              | 0 - 90°       | 0.25             | AC Geared Motors with VFD          | Fixed Speed Motorized | 415 VAC / 3-Ø / 50-60Hz   | Start / Stop, Forward / Reverse, Speed Variation, Tilting Up / Down |
| PS2005    | 200                   | 500                | 0.1 - 1              | 0 - 90°       | 0.25             |                                    |                       |                           |                                                                     |
| PS3005    | 300                   | 600                | 0.1 - 1              | 0 - 90°       | 0.25             |                                    |                       |                           |                                                                     |
| PS5007.5  | 500                   | 750                | 0.1 - 1              | 0 - 90°       | 0.25             |                                    |                       |                           |                                                                     |
| PS60010   | 600                   | 1000               | 0.1 - 1              | 0 - 90°       | 0.5              |                                    |                       |                           |                                                                     |
| PS75010   | 750                   | 1000               | 0.1 - 1              | 0 - 90°       | 0.5              |                                    |                       |                           |                                                                     |
| PS100012  | 1000                  | 1200               | 0.08 - 0.8           | 0 - 90°       | 0.5              |                                    |                       |                           |                                                                     |
| PS120012  | 1200                  | 1200               | 0.08 - 0.8           | 0 - 90°       | 0.5              |                                    |                       |                           |                                                                     |
| PS200014  | 2000                  | 1400               | 0.08 - 0.8           | 0 - 90°       | 0.5              |                                    |                       |                           |                                                                     |
| PS300014  | 3000                  | 1400               | 0.08 - 0.8           | 0 - 90°       | 1                |                                    |                       |                           |                                                                     |
| PS500015  | 5000                  | 1500               | 0.08 - 0.8           | 0 - 90°       | 1.5              |                                    |                       |                           |                                                                     |
| PS1000020 | 10000                 | 2000               | 0.05 - 0.5           | 0 - 135°      | 2                |                                    |                       |                           |                                                                     |
| PS1500022 | 15000                 | 2200               | 0.04 - 0.4           | 0 - 135°      | 4                |                                    |                       |                           |                                                                     |
| PS2000025 | 20000                 | 2500               | 0.04 - 0.4           | 0 - 135°      | 5.35             |                                    |                       |                           |                                                                     |
| PS3000030 | 30000                 | 3000               | 0.06 - 0.3           | 0 - 135°      | 7.35             |                                    |                       |                           |                                                                     |
| PS5000040 | 50000                 | 4000               | 0.02 - 0.2           | 0 - 135°      | 14.75            |                                    |                       |                           |                                                                     |

Specifications are subject to change without notice

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