**10,000 LB. CAPACITY WELDING POSITIONER (MODEL 100-12)**

The **Model 100-12 MVRMTAB Positioner** has a motorized variable speed rotation with Forward-Stop-Reverse switch and dynamic braking. The rotation speed is variable from 0.025 to 0.75 RPM with motorized tilt infinitely variable through 135 degrees. A 54” square table with adjustable height to allow full tilting capability is standard. All wiring conforms to National Electrical Code Standards. The positioner operates on 460-volt, three phase, 60 cycle input power, (230V available upon request). When ordering specify 230 or 460 volts. A field changeable plug-in hand pendant includes "Forward-Stop-Reverse-Weld/Rapid" buttons and a speed adjustment potentiometer on 25’ of cable as standard.

Load capacity......................... 10,000 lb. 12-inch overhung from face of table, 12-inch eccentricity.
Rotation motor size ............... 3 H.P. motor.
Rotation speed......................... Variable from 0.025 to 0.75 RPM.
Rotation torque ..................... 120,000-inch pounds.
Swing radius ......................... 42” to 70” @ 90° tilt
Tilt range.............................. 0 through 135 degrees, motorized.
Tilt motor size ...................... 3 H.P. AC Brakemotor.
Tilt Speed......................... 135 degrees in 45 seconds.
Tilt Torque......................... 192,500-inch pounds inherent.

**Dimensions:**

- A: Pilot Hole 3” φ x 1/4” Deep
- B: Thru Hole 2” φ
- C: “T” Slot Quantity 4
  ANSI Std “T” Nut size 3/4”
- D: Table Size 54” sq.
- E: Overall Width 63-1/2”
- F: Rotation Offset 5-1/4”
- G: Overall Length 98-3/4”
- H: Inherent Overhang 7-1/4”
- I: Tilt Axis Height 40-7/8”
- J: Table Height
  - min 48-1/8”
  - max 78-1/8”

**Terms:** Pandjiris, Inc. standard terms and conditions apply, f.o.b. Factory, St. Louis, Missouri, or designated ship point.

**Delivery:** Consult Factory

Approximate shipping weight: 6,100 lbs.
POSITIONERS
Optional Accessories

Foot switch with compatible plug for Forward/Stop/Reverse (speed potentiometer on hand pendant)
Foot switch, Fast-Slow with compatible plug
Preset digital tachometer with compatible plug reads speed in RPM
Dialweld®. (shows linear speed in IPM for diameter set on diameter selector. Dial diameter to be welded, dial weld speed, table RPM is automatically set to weld diameter at selected welding speed) digital meter with compatible plug reads IPM or CmPM
25’ Extension Cable with compatible plugs for standard pendants and accessories
Model 600 PT Copper Welding Ground
Model 1200 PT Copper Welding Ground
For 54” Round Table

For Powered Elevation of Table Height

Tachometer Feedback for Precision Speed Control

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