

Atlas Welding Positioner



The Atlas Model 500 Welding Positioner is designed for those heavy parts turning jobs that require a truly rugged industrial piece of equipment. It will handle properly balanced loads of 500 pounds in the horizontal position.

Four brass grounding brushes in constant contact with the table mounting boss route welding current to a 1/2"-13 grounding stud at the rear of the machine. Heat generating welding current does not pass through the bearings or shaft, which greatly enhances bearing and shaft life.

Convenient front panel mounted controls are protected from damage by the overhang of the 14" table and also by the heavy-duty handles that aid in moving the machine.

Table operating speed is set by adjusting the **speed control** dial. A **forward-off-reverse** switch controls table rotation direction. A **full speed** override switch is provided which allows the operator to rapidly advance the table to a new position to accommodate intermittent or stitch welding techniques. Releasing the switch returns the table rotation to the previously selected operating speed.

The **brake-on-off** switch allows the operator to select *Dynamic Braking* that rapidly stops the table rotation when the foot switch is released. Off position on this control allows the table to coast to a smooth stop when braking is not required. Dynamic braking may induce additional heat into the motor and may not be needed for all jobs. This Model 500 selective control feature lets you choose.

The Model 500's **foot switch** controls the on-off function of the table. It's ergonomic, low profile design lets the operator rest his heel comfortably on the floor for strain free, day long use. A safety enclosure guards the switch.

Front panel mounted fuse holder provides motor overload protection.

All circuit boards, switches, wiring, and cord sets are mounted to the front panel. In the event of electrical problems the panel can be quickly removed for diagnostics and repair. On request and for additional charge, all control panel functions can be supplied in a remote control box connected to Model 500 via a cord set.

Atlas Model 500 welding positioner can increase production, cut costs, and make welding easier for the welder.

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Specifications

Capacity	500 lbs. properly balanced with table in horizontal position
Table Speed	0-3.0 RPM
Table Diameter	14" x 5/8" thick. Precision laser cut slots are 13/32" wide.
Motor	1/4 HP, DC
Welding Ground Circuit	400 Amps
Control Panel Functions	
Table Rotation	Forward-Off-Reverse
Speed Control	Full Range Precision control with IR compensation
Full Speed Override	On-Off
Dynamic Braking	On-Off
Start - Stop Control	Foot Switch With 8' Cord
Overload Protection	Panel Mounted Fuse
Power Requirements	115 V AC 50/60 Hz. 10' cord with plug
Dimensions	Height: 10", Width: 14-1/2", Front to Back: 15-1/2"
Net Weight	95 lbs.

OPTIONAL FEATURES:

- Remote control panel
- Hollow shaft for gas purge
- Optional higher speed ranges (up to 8.0 RPM)

WARRANTY:

Atlas Model 500 Positioner is warranted against defects in workmanship or materials under normal use (rental service excluded) for a period of 90 days. Liability is limited to the purchase price paid and liability under the aforesaid warranty is limited to replacing or repairing any parts which are defective in workmanship or materials.

Ask the welder who uses Atlas tools. They're everywhere. Sold through welding supply distributors. Atlas Tomahawks, Dual Tools, and Tank Wrenches.

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