

SPECIFICATION



HEAVY DUTY POSITIONER

MODEL
2200
STYLE
45/90

*CAPACITY - 220,000 pounds with center of gravity 12 inches above the table and 12 inches eccentric from the rotation center.

*ROTATION - Variable Speed - Powered by a 40:1 ratio 25 HP high frequency protected SCR solid state electronic drive producing a rotational torque of 2,640,000 inch pounds. Rotational speed is infinitely variable over the entire range of .007 to .286 RPM. Rotation motor is totally enclosed, drive reducer is self-locking and dynamic braking is included.

*TILT - 135⁰ Total Tilt - Machine tilts 90⁰ forward and 45⁰ back from the horizontal table position. Powered by a 25 HP AC brake motor through a self-locking gear reducer and spur gear tilt system producing a tilt torque of 5,500,000 inch pounds. Tilt protractor for accurate indexing of tilt setting. Overtravel protection by limit switches.

*TABLE - 120-inch square table is supplied with four radial "T" slots and corner slots. Through hole in spindle is 15½" I.D. Preloaded Timken bearings are protected from welding current by a high capacity mechanical ground shoe. Six roller clusters add additional rigidity to table.

*FRAME HEIGHT - Distance from floor to top of table is 113-7/8". Distance from floor to tilt axis is 100-7/8". All steel heavy duty main frame. Base front to rear 95" - Base width: 137" - Maximum width: 159".

*CONTROLS - Remote - Pendant station with 30 feet of control cable is stepped down to 115 volts for safety. Controls: Rotation - forward, reverse, dynamic braking stop, and rapid travel push buttons; Speed potentiometer; Tilt - forward and reverse push buttons; and Pilot Light. Switching is jam proof.

*POWER INPUT - 230/460 volts, 3 phase, 60 hertz.

*SHIPPING WEIGHT - Approximately 80,000 pounds.

PRICEP-60

FOR OPTIONAL FEATURES & ACCESSORIES - PLEASE SEE SERIES 599