

SAVAIR DUAL AND TRIPLE PISTON AIR CYLINDERS FOR MULTIPLE GUN SPOT WELDERS



Providing High Pressure with Minimal Bore Size

Savair Dual and Triple Piston Double Acting Air Cylinders serve the majority of resistance welding and industrial applications. These cylinders have been developed primarily for use on multiple spot welding machines requiring close spacing of spot welds and other applications in the resistance welding field.

Dual and Triple pistons produce maximum output of work force yet permit closer mounting, center to center, than is possible with conventional type cylinders of equivalent work force. Also they can be applied in confined areas not possible with conventional type cylinders.

SAVAIR CYLINDER STANDARD FEATURES:

NON-ROTATING PISTON RODS	Assures proper alignment of electrodes and holder at all times. It also maintains proper alignment of welding cable and other mechanisms that are attached off center of piston rod. (Note FLATS OF PISTON ROD)
DOUBLE ACTING	Insures a uniform work force throughout the full stroke of the cylinder regardless of the electrode burn off or the contact point of the element attached to the piston rod. No springs or external means of cylinder return are required.
RAPID FOLLOW UP	This much desired feature which forges the metal during the weld cycle is the result of combining rolling type seals with the good follow up characteristics of air operations. Spitting at the electrodes is held to a minimum, insuring high quality welds with a minimum of electrode wear, resulting in an electrode cost savings.
FIXED TAMPER PROOF SEALS	Assures equal work force between all welding cylinders of the same diameter and eliminates individual manual piston rod seal adjustment.
NO SEALS ON EXTERNAL PISTON ROD	All seals are internal, weld flash and dirt collecting on extended piston rod never contacts the sealing surfaces, insuring extended life far beyond conventional air cylinders.
BUILT IN CUSHION	On the return stroke prevents hammering of piston rod, guaranteeing smooth and continuous operation.
LOW MAINTENANCE	All parts are precision machined and ground plus design assures an absolute minimum of maintenance. (IF ANY)
SAVES AIR: As the Name Implies	Due to the unique DUAL and TRIPLE piston design only one piston is required on the return stroke resulting in at least a 25% savings of air each complete cycle.