

## PAS - Plastic Assembly Systems

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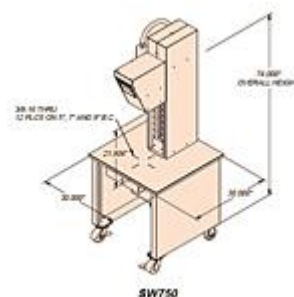
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### Model SW Spin Welder

The PAS Model SW 750, SW 850 and SW 950 Spin Welding Systems offer the highest level of machine control in the industry to date. PAS couples new servo control technology with years of experience to bring to market the most advanced line of spin welding equipment. Dual servo control in both the spin axis and the z-axis allow for precise control of your spin welding applications. Our complete line offers end users the ability to run small, medium and large parts and applications that require high precision and repeatability. The SW 750, 850 and 950 can be used as stand alone pieces of equipment or coupled with other automation technologies to meet your part volumes.

Spin welding is used to join two plastic parts which are spherical or cylindrical in shape. Frictional heat is generated at the mating surface by spinning one part (upper) against a fixtured (lower) part, thus welding the assembly together. Spin welding is a fast process that works with large and small diameter parts as well as a broad range of thermoplastic resins. Hermetic seals are achievable.



Results 1 - 3 of 3

Item #	Max Z Axis Pressure	Power Req.	Pneumatic Req.	Overall Dimensions (W x D x H)	Max Spin RPM	Approx. Weldable Part Size	Max Part Dia.
SW750	2000 lbs	240VAC 3 Phase 30Amps	100PSI ( For machine peripherals only )	30.00 x 30.00 x 73.00 in	3000RPM	6.00" Dia. ( depending on material )	11.250 in
SW850	2000 lbs	240VAC 3 Phase 30Amps	100PSI ( For machine peripherals only )	30.00 x 30.00 x 73.00 in	2000RPM	11.00" Dia. ( depending on material )	11.250 in
SW950	8000 lbs	240VAC 3 Phase 40Amps	100PSI ( For machine peripherals only )	51.00 x 36.00 x 75.00 in	2000RPM	24.00" Dia. ( depending on material )	32.000 in

Results 1 - 3 of 3