

PRODUCTION ENGINEERING

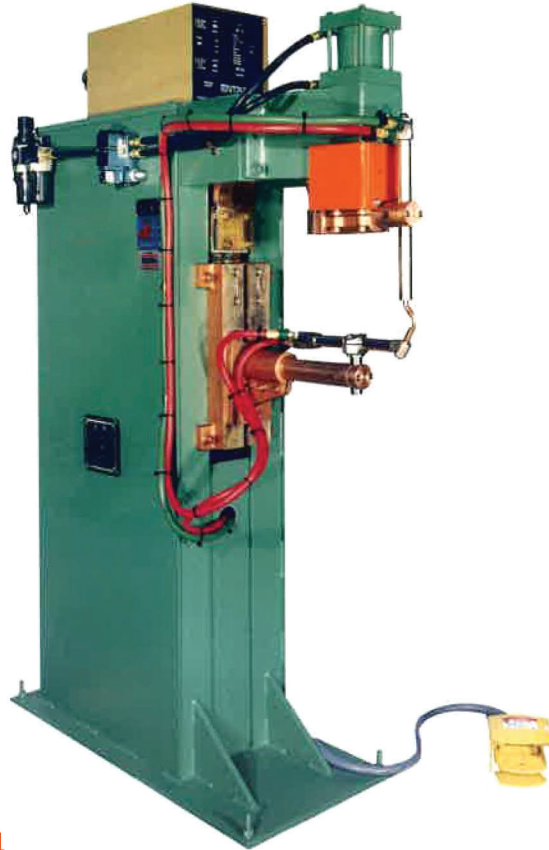
888-654-WELD (9353)

www.resistanceweldsupplies.com

PRESS QUILL SPOT WELDERS - MODEL 1BP

Model 1BP Spot Welders.

Single phase air operated, press type spot welder with throat depths from 10" to 18". Reinforced fabricated steel frame supports a cast head using a 3" diameter manganese bronze ram actuated by a double acting air cylinder. Stacked iron core transformer features water cooled secondaries for high production applications. Variable heat range selection, adjustable



through side-mounted tap changer. Welder equipped with 2" diameter horns and ejector type electrode holders using #1 M.T. and water cooled electrodes. Unit comes complete with all necessary airline components including: solenoid valve, filter, regulator, lubricator and gauges. A shrouded, single stage foot switch is also supplied and interconnected.

SPECIFICATIONS - RWMA SIZE 1

Type	Throat Depth (In.)	KVA	Welding Current ± 10% AMPS Max. Short Circuit	Horn Dia. (In.)	Holder Dia. (In.)	Cylinder Dia.	Stroke (In.)	Maximum Weld Stroke	Maximum Weld Force at 80 PSI	Electrode Morse Taper	Overall Dimensions (In.)			Approx. Shipping Weights (Lbs.)
											"H"	"W"	"D"	
1BP-A	10	30	24,000	2	2	4	2	2	1000 lbs.	1	68	18	38	950
	12	30	22,000	2	2	4	2	2	1000 lbs.	1	68	18	40	975
	18	30	18,000	2	2	4	2	2	1000 lbs.	1	68	18	46	1000
1BP-A	10	50	29,500	2	2	4	2	2	1000 lbs.	1	68	18	38	975
	12	50	28,000	2	2	4	2	2	1000 lbs.	1	68	18	40	1000
	18	50	26,000	2	2	4	2	2	1000 lbs.	1	68	18	46	1025

Specifications listed are typical and are not guaranteed. All specifications subject to change without notice.

Distributed by:

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