



PRODUCTION ENGINEERING

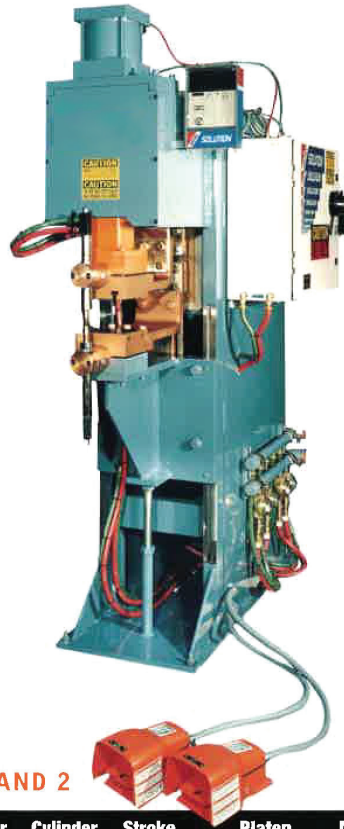
888-654-WELD (9353)

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PRESS TYPE ROLLER RAM WELDERS - MODEL 1AP/2AP

Model 1AP/2AP Roller Ram Welders.

Single Phase air operated, press type roller ram welder with throat depths from 12" to 36". Reinforced fabricated steel frame maintains alignment of head and knee. Head features a 3" (1AP) or 4" (2AP) stroke, with eight frictionless rollers guided by hardened, ground steel guide bars for long wear and rigidity. 6" x 6" (1AP) or 8" x 8" (2AP) high conductivity copper platens provide tapped holes for installation of weld dies, "T" slotted platens, or



electrode holders. Stacked iron core transformer features water cooled cast copper secondaries for high production applications. Variable heat range selection, adjustable through side-mounted tap changer. Unit comes complete with all necessary airline components, including: solenoid valves, airline, filter, regulator, lubricator, gauge and flow control valves, all mounted for easy maintenance. A sturdy, shrouded foot switch is also supplied and interconnected.

SPECIFICATIONS - RWMA SIZE 1 AND 2

Type	Throat Depth (In.)	KVA	Welding Current ± 10% AMPS Max. Short Circuit	Horn Size (In.)	Holder Dia. (In.)	Cylinder Dia.	Stroke (In.)	Platen Size	Maximum Weld Force at 80 PSI	Electrode Morse Taper	Overall Dimensions (In.)			Approx. Shipping Weights (Lbs.)
											"H"	"W"	"D"	
1AP-A	12	50	38,000	2.50	1.25	5	3	6 x 6	1550 lbs.	2	80	18	48	1750
	18	50	31,000	2.50	1.25	5	3	6 x 6	1550 lbs.	2	80	18	54	1850
	24	50	27,000	2.50	1.25	4	3	6 x 6	1000 lbs.	2	80	18	60	1950
	30	50	24,000	2.50	1.25	4	3	6 x 6	1000 lbs.	2	80	18	66	2050
	36	50	22,000	2.50	1.25	4	3	6 x 6	1000 lbs.	2	80	18	72	2150
1AP-A	12	75	47,000	2.50	1.25	6	3	6 x 6	2250 lbs.	2	80	18	48	1950
	18	75	38,000	2.50	1.25	6	3	6 x 6	2250 lbs.	2	80	18	54	2050
	24	75	33,000	2.50	1.25	5	3	6 x 6	1550 lbs.	2	80	18	60	2150
	30	75	29,000	2.50	1.25	5	3	6 x 6	1550 lbs.	2	80	18	66	2250
	36	75	23,000	2.50	1.25	5	3	6 x 6	1550 lbs.	2	80	18	72	2350
1AP-A	12	100	54,000	2.50	1.25	6	3	6 x 6	2250 lbs.	2	80	18	48	1950
	18	100	44,000	2.50	1.25	6	3	6 x 6	2250 lbs.	2	80	18	54	2050
	24	100	38,000	2.50	1.25	5	3	6 x 6	1550 lbs.	2	80	18	60	2150
	30	100	34,000	2.50	1.25	5	3	6 x 6	1550 lbs.	2	80	18	66	2250
	36	100	31,000	2.50	1.25	5	3	6 x 6	1550 lbs.	2	80	18	72	2350
2AP-A	12	150	70,000	3.00	1.25	8	4	8 x 8	4000 lbs.	2	85	20	53	2950
	18	150	57,000	3.00	1.25	8	4	8 x 8	4000 lbs.	2	85	20	59	3050
	24	150	49,000	3.00	1.25	7	4	8 x 8	3000 lbs.	2	85	20	65	3150
	30	150	51,000	3.00	1.25	6	4	8 x 8	2260 lbs.	2	85	20	71	3250
	36	150	47,000	3.00	1.25	6	4	8 x 8	2260 lbs.	2	85	20	77	3350
2AP-A	12	200	82,000	3.00	1.25	8	4	8 x 8	4000 lbs.	2	85	20	53	3000
	18	200	66,000	3.00	1.25	8	4	8 x 8	4000 lbs.	2	85	20	59	3100
	24	200	58,000	3.00	1.25	7	4	8 x 8	3000 lbs.	2	85	20	65	3200
	30	200	51,000	3.00	1.25	6	4	8 x 8	2260 lbs.	2	85	20	71	3300
	36	200	47,000	3.00	1.25	6	4	8 x 8	2260 lbs.	2	85	20	77	3400

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

Distributed by:

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