

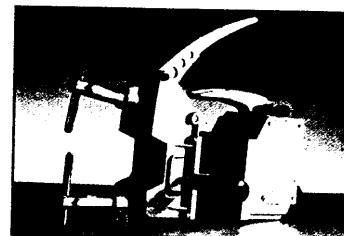
Portable, reliable and easy to operate, the Spotmatic range is capable of fast and consistent spot welds with minimal operator fatigue. All SIP Spotmatic spot welders are manufactured to the highest quality standards and are backed by a 12 months guarantee. Common features include fully adjustable tip pressure, robust and balanced construction, threaded base for bench fixing, insulation tested to 1000V AC and additional coupling to provide larger clearance between arms.

All units are supplied with 125mm arms.

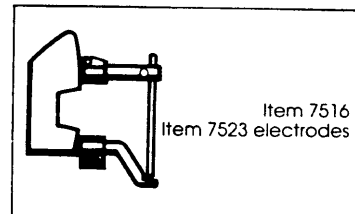
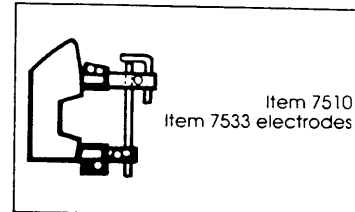
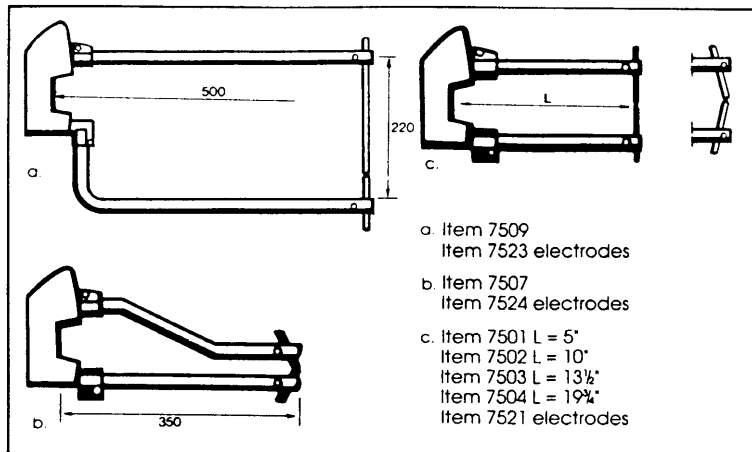
M1 additional features include manually controlled welding time via contact switch. Maximum simplicity at minimum cost.

M2 contains built in electronic timer (from 0.05 to 1.25 seconds) and compensation circuit to cope with oxidised or zinc coated sheet and surfaces with paint residues.

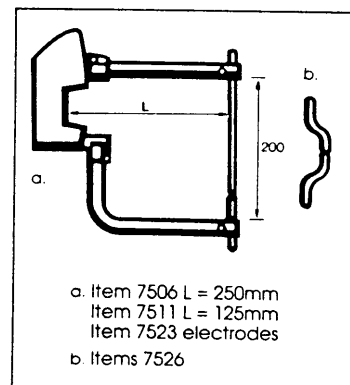
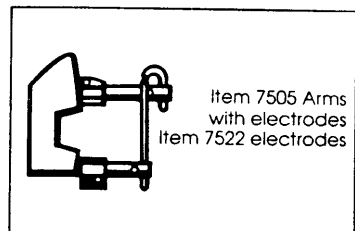
M8P features pulse selection and heat controls generating pulsed power, dramatically reducing the chance of cracking. This makes it especially ideal for high strength car panels.



MODEL	M1	M2	M8P
ITEM NO	02945	02955	02987
CAPACITY			
RATING AT 50% KVA	2	2	2.5
CONTINUOUS INPUT KVA	1.41	1.41	1.77
MAX. SHORT CIRCUIT INPUT KVA	16	16	22.5
MAX. WELDING INPUT KVA	12.5	12.5	18
MAINS SUPPLY			
INPUT VOLTAGE 50HZ VOLTS	240	240	240
FUSE (DELAYED ACTION) 240V	20	20	25
SECONDARY			
NO - LOAD VOLTAGE	2.3	2.3	2.7
SHORT CIRCUIT CURRENT, AMPS	7200	7200	8200
MAX. WELD CURRENT, AMPS	5750	5750	6550
WELDING ARMS			
MAX. LENGTH OF ARMS MM	500	500	500
ARMS GAP MM	96	96	94
ELECTRODE ARM DIA MM	20	20	20
TIP Ø MM	10	10	10
MAX. ELECTRODE STROKE MM	65 - 200	65 - 200	65 - 200
ELECTRODE FORCE, MIN ARM LENGTH DAN	125	125	125
ELECTRODE FORCE MAX ARM LENGTH DAN	40	40	40
SHIPPING DATA			
WEIGHT KGS	9.8	9.9	10.3
VOLUME M³	0.03	0.03	0.03
PACKED DIMENSIONS (HxWxL) MM	170x460x350	170x460x350	170x460x350
TIMING CONTROL	MANUAL SWITCH	BUILT IN ELECTRONIC COMPENSATOR	PULSE
		TIMER FROM 0.05 - 1.25 SECS	CONTROL



DESCRIPTION	MODEL
SET OF STANDARD ARMS FOR BODYWORK: ITEMS-7502-7505-7506 BENT PART-7507-7511	NO
BENT PART-7521-7525-7526-7527	7498
SET OF STANDARD ARMS FOR BODYWORK: ITEMS-7502-7504-7505	
BENT PART-7507-7510-7521-7525-7526-7527	7499
DENT PULLING KIT	7555
ARMS WITH ELECTRODES L = 125 MM	7501
ARMS WITH ELECTRODES L = 250 MM	7502
ARMS WITH ELECTRODES L = 350 MM	7503
ARMS WITH ELECTRODES L = 500 MM	7504
ARMS WITH ELECTRODES FOR MUDGUARDS	7505
ARMS WITH ELECTRODES L = 250x200 MM	7506
ARMS WITH ELECTRODES L = 350 MM	7507
ARMS WITH ELECTRODES	7509
ARMS WITH ELECTRODES L = 500x200 MM	7510
ARMS WITH ELECTRODES L = 125x200 MM	7511
ARMS WITH ELECTRODES	7516
ELECTRODES Ø 10 FOR ITEM 7501-7502-7503-7504	7521
ELECTRODES Ø 10 FOR ITEM 7506	7522
ELECTRODES Ø 10 FOR ITEM 7506-7509-7511-7516	7523
ELECTRODES Ø 10 FOR ITEM 7507	7524
ELECTRODES Ø 10x100 MM	7525
BENT ELECTRODES	7526
ELECTRODES Ø 10x40 MM	7527
ELECTRODE FOR ITEM 7510	7533
ELECTRODE SHAPING DEVICE FOR ELECTRODES Ø 10 MM	7552
CHROME COPPER ALLOY BAR Ø 10x750 MM	7553



DUTY CYCLES & PERFORMANCES				
MODEL	M1/M2	M1/M2	M8P	M8P
MAT. THICKNESS (MILD STEEL) MM	SPOTS/HOUR	SPOT DIA. MM	SPOT/HOUR	SPOT DIA. MM
1.2 + 1.2	260	4.5	290	4.5
1.5 + 1.5	120	5.0	150	5.0
1.8 + 1.8	100	5.5	120	5.5
2 + 2	60	6.0	80	6.0
6 + 6 DIA. ROD	200	-	290	-
MAX. CAPACITY (ALL MODELS)				
ARM LENGTH MM	SHEET STEEL	ROD M		
125/150	2 + 2	6 + 6		
250	1.8 + 1.8	5.5 + 5.5		
350	1.5 + 1.5	4.5 + 4.5		
500	1.2 + 1.2	3.5 + 3.5		

A RANGE OF AIR OPERATED HIGH PRODUCTION INDUSTRIAL SPOT WELDING GUNS UP TO 35 KVA ARE ALSO AVAILABLE FOR HEAVIER DUTY APPLICATIONS.
- DIFFERENT INPUT FREQUENCY AND VOLTAGES CAN BE SUPPLIED ON REQUEST.