PEDESTAL
Rocker Arm type
SPOT WELDERS

PB PEDAL
and
PBP PNEUMATIC

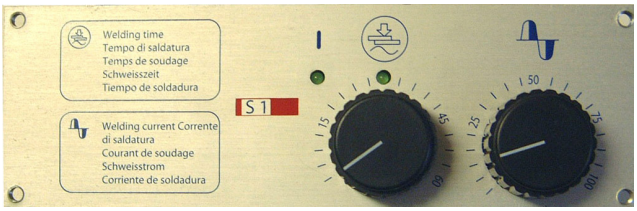
116 15kVA
126 25kVA
136 35kVA

Longer arms and alternative electrode holder configurations (such as this one) also available

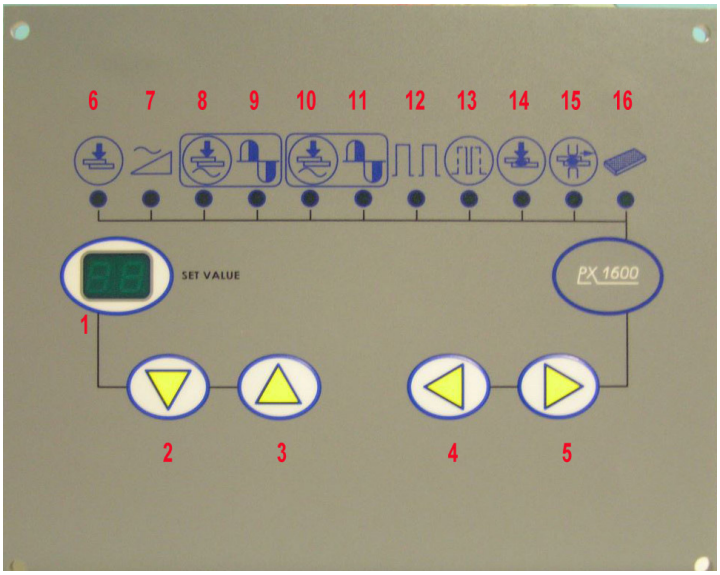
Modern efficient design rocker arm type spot welders suitable for a wide range of applications from those found in small workshops to high production in large factories.

- ✓ PB models are foot pedal operated and fitted with the S1 Analogue control.
- ✓ PBP pneumatic models are fitted with a solenoid valve and electric foot switch Fitted with PX1600 digital programmable control. (S1 also available.)
- ✓ The water cooled brass arms are fitted with copper electrode holders. Standard arm length is 400mm. 600mm or 800mm also available as an alternative extra.
  The lower arm is adjustable for height. A full range of electrodes is available.
- ✓ The water cooled transformers are to an advanced compact design for maximum efficiency. Output is SCR controlled and the S1 control on the PB models provides synchronous adjustment of welding time and welding current.

S1 Analogue control



- ✓ The PX1600 provides the addition features shown.



TECHNICAL DATA		116	126	136
Rated power@ 50%	kVA	15	25	35
Short circuit current	kA	10.4	13.2	16.8
Max welding current	kA	8.3	10.5	13.4
Secondary voltage	V	3.03	3.85	4.90
Supply voltage (2 ph+earth)	V	400	400	400
Fuse rating (slow blow)	A	25	45	63
Welding capacity (MS, std arms)	mm	2+2	3+3	4+4
Electrode force	daN	PB - 180 / PBP - 250		
Gap between arms	mm	220 - 350		
Arm length (optional)	mm	400(std) - 600 - 800		
Arm diameter	mm	45	45	45
Electrode holder dia.(625 taper)	mm	25	25	25
Electrode stroke	mm	6 - 50		
Water flow required	lt/min	5		
Dimensions L x W x H	mm	1020 x 300 x 1270		
Weight	kg	120	125	130

1. Displays chosen parameter value or programme number
2. Adjusts value down
3. Adjusts value up
4. Selects parameter for adjustment or display. (moves to left)
5. Selects parameter for adjustment or display. (moves to right)
6. Pre weld squeeze time 0-99 cycles
7. Slope up of weld power 0-20 cycles
8. Weld time (set 1) 0-99 cycles
9. Weld power (set 1) 1-99% of transformer output
10. Weld time (set 2)
11. Weld power (set2)
12. Number of pulses 1-20 (If set 2 or higher weld time
13. Time off between pulses 0-99 cycles is 20 cycles max)
14. Post weld forge time 0-99 cycles
15. If set 2 or higher gives repeat weld 0-99 cycles (time between cycle)
16. Energy compensation – for use on dirty or oxidised sheets