



Portable Welders

Poke Welder Range

Heavy Duty Production Poke Welders

The B50H and B100H from PW are equipped with water-cooled transformers and fully synchronous thyristor controls.

Water cooling is integrated in a closed circuit water tank, with internal air blast cooler, ensuring the units can be used anywhere in the workshop.

Standard accessories include:-

- One set of 3m x 200mm² water-cooled cables,.
- Water-cooled PP6 weld gun
- Water cooled earth clamp.

The units can be supplied in portable or suspended versions.



The PP6 weld gun is fully water-cooled and has spring controlled switching, which ensures consistent weld force in all positions. Watercooling is from the self contained system within the console, which has fan assisted cooling through a heat exchanger to ensure electrode tip temperature is minimised.



Technical data

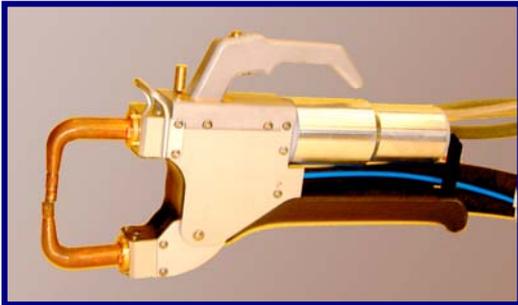
	B50	B100		B50	B100
Rated output	50kVA	100kVA	Sec. volts	11 - 16	14.5 - 19
Primary voltage	400V	400V	Main fuse HRC	100A	150A
Tap positions	4	4	Dimensions		
Max. short circuit A	10kA	13kA	Weight kg	280	280
			Max weld capacity	1.5 + 1.5	2.0 + 2.0



Portable Welders

Poke Welder Range

Additional facilities can easily be attached to the B50 and B100 units. The version shown here has the PP6 weld gun as shown on p.1, and a second, pneumatically operated gun, making it into a truly flexible light production or repair unit.



The gantry allows the gun to be suspended from a balancer, taking all weight from the operator. The gantry swings, allowing a wide range of movement around the workpiece.

For safety reasons, the unit is supplied with an outrigger system (yellow in photo) to ensure stability.

The B50 and B100 machines are used extensively in the automotive industry for off line repair, but find many uses in general manufacture, where the high power available ensures excellent weld quality from a truly portable manufacturing unit.

NB A C-gun is currently under development.



Portable Welders Limited

Wedgwood Road, Bicester, Oxon OX26 4UL

Phone + 44 (0) 1869 253688 Fax +44 (0) 1869 240269 email sales@portablewelders.ltd.uk