

# BSW Bench Spot Welder

## Vertical Stroke Spot / Projection Welder



**BSW 25**



**BSW 50**



**BSW 100**

### Technical Specifications

		BSW		
		25	50	100
Single phase input 50/60 Hz	V	400	400	400
Rated power at 50%	kVA	25	50	100
Short circuit power	kVA	65	160	414
Max. welding power	kVA	52	128	331
Installed power	kVA	14	38	78
Cross section connecting cables	mm <sup>2</sup>	16	25	50
Delayed Fuse	A	40	100	200
Open Circuit Voltage	V	3.7	5.5	9.4
Short circuit current	kA	18	29	45
Max. welding current	kA	14.4	23.2	36
Thermal secondary current at 100%	kA	4.8	6.4	7.5
Work stroke	mm	50	75	100
Electrode force max 600 kPa (6 bar)	daN	187	470	900
Water consumption a 300 kPa (3 bar)	l/min	4	7	7
Dimensions	Depth mm	800	900	1080
	Width mm	300	300	325
	Height mm	590	770	1015
Weight	kg	96	210	380

**BSW 25** is particularly suitable for precision spot welding and, fitted with special accessories, can be used to weld small size parts. **BSW 50** and **BSW100**, thanks to their rigid structure, allow high quality projection welding.

- Upper head low friction driving system for very precise welding.
- Secondary circuit low impedance to grant high welding currents with low consumption.
- BSW 50 and 100, with a platens adjustable in height and fitted with T-slots, enable the quick assembly of barholders, electrode holders and any dedicated tooling for a specific application.



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