



kritonics

**MANUFACTURER: BUTT - WELDING MACHINE
WIRE PARTS AND PRODUCTS**

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Heavy-Duty Butt-Welding Machine / Up Set Butt Welding Machine

A resistance butt welding machine for trouble free continuous operations on heavy wire gauges using robust mechanical clamping system and calibrated spring weld pressure for BEST quality weld giving up to 25% joint strength than parent material. Machines are coming with optional accessories like Electrode Lighting Fixture, Annealing Attachment, Grinding Attachment etc. We also provide customised solutions as per customer requirements.

Technical Data:

Nominal Electrical Rating	: 15 KVA, 20 KVA, 25 KVA, 30 KVA, 40 KVA, 50 KVA, 75 KVA
Output Current Selection Steps	: 1 TO 8
Construction	: Heavy
Clamping Type	: Manual, Pnumatic.
Input Supply	: 415 V (2 Line OF 3 Phase)
Weight	: 180 KG to 250 KG
Overall Dimensions	: 17" X 33" X 44" (Appx.) : 31" X 42" X 50" (Appx.)

Operational:

- A) Grinding Attachment
- B) Shearing Attachment
- B) Cutting Attachment



Weldability - Diameter selection of material weldable (in mm)

TYPE	KVA	MS / SS/ GI	CS / HC / AS	Copper	Aluminium
KB-152	15	3 to 12	3 to 9	3 to 7	5 to 9
KB-202	20	4 to 14	4 to 11	4 to 8	6 to 10
KB-251	25	5 to 16	5 to 12	5 to 9	7 to 11
KB-301	30	6 to 17	6 to 13	6 to 10	8 to 12
KB-401	40	8 to 18	7 to 14	7 to 11	8 to 15
KB-501	50	10 to 20	8 to 15	8 to 12	9 to 16
KB-601	60	16 to 22	10 to 16	10 to 14	10 to 18
KB-751	75	18 to 25	12 to 17	12 to 15	12 to 19
KB-101	100	19 to 28	12 to 18	12 to 18	13 to 21

**Strip Section
Welded in sq mm**

Copper	Aluminium
07 to 38	20 to 50
13 to 50	28 to 78
20 to 63	38 to 94
28 to 78	50 to 110
38 to 94	50 to 175
50 to 110	63 to 200
78 to 155	78 to 250
110 to 175	110 to 280
110 to 250	130 to 345