



kritonics

MANUFACTURER: BUTT - WELDING MACHINE
WIRE PARTS AND PRODUCTS

KRITONICS has a rich history of manufacturing Resistance Butt Welding Machines. In the year 1986, KRITONICS was started with sole aim of catering growing needs of Resistance Welding market. Since then, we have supplied 1000s of machines reaching every corner of India and exported to more than 35 countries across the globe. We have supplied our quality products to who's are pioneer in Indian industries like **Polycab India Ltd., Apar Industries Ltd., RR Kabel Ltd., Torrent Power Ltd., Gupta Power Ltd., Selzer Cable Ltd., Kec International Ltd, Kei Industries Ltd, H D Wires Pvt. Ltd, Bedmutha Industries Ltd.,** And 1000s of INDUSTRY we serve which are in field of wire rod manufacture, wire and cable manufacturing., Wire Parts & Wire Products manufacture Industry.

Practically, our machines are used in every application in all walks of life. KRITONICS is producing these machines under strict quality assurance and comply customer's requirements on case-to-case basis. We are accredited with certification of ISO: 9001:2008 & ISO: 10002:2014 for our manufacturing plant at Vadodara, Gujarat, India.



Micro Butt Welding Machine



Strip Butt Welding Machine



Wire Butt Welding Machine



Pneumatic Butt Welding Machine



Upset Butt Welding Machine



Automatic Butt Welding Machine

35+
Years

2000+
Clients

36+
countries

Quality
Certifications



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Address: Kritonics ,903/4., G.I.D.C. Makarpura, Vadodara - 390010, Gujarat, India.
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Web: www.kritonics.com

Wire Butt Welding Machine

KRITONICS Wire Butt Welders are highly Precision and elegantly designed automatic Upset Butt-Welding Machines. The Wire Butt Welders are portable models mounted on wheeled trolley type stand with arrangement of foot pedal operator.

Key Features: Easy to Operate, Upset Travel, Upset Pressure, Upset Gap, Clamp, Electrodes, Weld Current Selection, Weld Current Initiation, Weld Current Cut-Off, Electrode Lighting Fixture and Annealing.

Technical Data:

Nominal Electrical Rating	: 5 KVA, 8 KVA, 10 KVA, 12 KVA, 15 KVA, 20 KVA
Output Current Selection Steps	: 1 TO 6
Construction	: Sturdy
Clamping Type	: Manual, Paddle Operated
Input Supply	: 210V (1 Phase), 415V (2 Line of 3 Phase)
Weight	: 75 to 80 KG
Overall Dimensions	: 25" X 25" X 45" (Appx.)

Operational:

- A) Grinding Attachment
- B) Clamping Attachment
- B) Cutting Attachment



Weldability - Diameter selection of material weldable (in mm)							Strip Section Welded in sq mm	
TYPE	KVA	DutyCyle	MS / SS/ GI	CS / HC / AS	Copper	Aluminium	Copper	Aluminium
KB-051	5	2%	*2 - 8	—	2 - 3	3 - 5	—	—
KB-052	5	7.5%	2 - 8	*2 - 8	—	—	—	—
KB-081	8	5%	*2 - 8	—	—	—	—	—
KB-101	10	2%	*2 - 10	—	—	—	—	—
KB-121	12	0.6%	1 - 5	—	*1 - 4	*1.5 - 6	*1 - 12	*1.5 - 28
KB-151	15	5%	*2 - 10	—	—	—	—	—
KB-201	20	0.5%	3 - 8	—	*2.5 - 6	*4 - 7	*5 - 28	*12 - 38

*Each Model Recommended For Bold Letter Specification



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Micro Butt-Welding Machine

You, being in Wire or Cable drawing industry, must ensure continuous and uninterrupted process. While drawing as well as cable or conductor manufacturing, Butt welding assures firm joint for continuing coil after coil or during breakage in the drawing process. Butt Welding Is a most modern Resistance Welding process which ensures joint strength even 25% higher than the parent metal KRITONICS Micro & Wire Butt Welders are specially designed for ferrous and non-ferrous Wire-processing industries in the manufacture of Cable and Conductors. Wire Ropes, Fine Wires, Cycle Tyre Bead Wires, Transformers etc. The automatic welding process guarantees high tensile and uniform welds withstanding subsequent drawing. KRITONICS Butt Welder-s are product of many years of research and development in the field of Resistance Welding Technology.

Technical Data:

Nominal Electrical Rating	: 1 KVA, 2 KVA, 3 KVA, 5 KVA
Output Current Selection Steps	: 1 to 12
Construction	: Sturdy
Clamping Type	: Manual
Input Supply	: 230 V / 110 V
Weight	: 17 KG TO 25 KG
Overall Dimensions	: 13" X 13" X 20" (Appx.)

Operational:

- A) Trolley With Grinding Attachment C) Magnifying Glass
B) Shearing Attachment D) Clamping Attachment
E) Trolley



Weldability - Diameter selection of material weldable (in mm)

TYPE	KVA	SWG	MS / SS / GI	CS / HC / AS	Copper	Aluminum / Brass
KB-014	1	25 - 12	0.5 - 2.5	—	—	—
KB-016	1	25 - 17	0.8 - 2	—	0.5 - 1.5	0.5 - 2
KB-021	2	21 - 10	0.8 - 3.2	—	—	—
KB-022	2	25 - 10 (Al) 25 - 14 (Cu)	0.8 - 2.5	—	0.5 - 2.0	1.0 - 3.0
KB-032	3	25 - 9 (Al) 25 - 12 (Cu)	0.8 - 3.0	—	0.5 - 2.5	1.0 - 3.5
KB-033	3	22 - 8 (Al)	0.8 - 4.0	0.8 - 4.0	—	—
KB-054	5	—	1.5 - 6.0	1.5 - 5.0	1.5 - 3.0	1.5 - 4.0



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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

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



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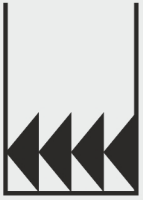
Automatic / Pneumatic Butt Welding Machine

"Kritonics" Automatic Butt Welding Machine is suitable for engineering industries like basket ring welding , round ring weldign , gas stove ring welding & many engineering industries where counts welding required on wire , strip ring or frame. Automatic butt welding is operating with PLC control for clamping , pressure and welding time.

Advantages Of Automatic Butt Welding Machine

- A) Increase productivity
- B) Its helps in butt welding accuracy
- C) Easy to Operate
- D) Reduce Rejection due to human error





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Wire Pointing Machine

These machines are a unit used for the sharpening of nibs of the wires that have low and high carbon content further as copper wires. We manufacture high normal wire forming machines, of inflexible quality and high practicality. This machine could be a quite wire head roller and is appropriate for rolling soft wire. The operation of this machine is incredibly straight forward and convenient. These machines are suitable for pointing different types of material like mild steel, high carbon steel, aluminum and copper wires. It can be operated very easily. It is highly durable. Our offered Wire Pointing Machine is preferred over other machines for its accuracy, superior performance and low power consumption.



POINTING MACHINE FOR 1.5 MM TO 8 MM DIA.

Sr. No.	Specification		
01	Machine Capacity	1.5 mm To 8 mm Wire Dia.	2 mm To 16 mm Wire Dia.
02	Roller Dia	85 mm	95 mm
03	No of Roller	2 Nos.	2 Nos.
04	Roller Material	Made Out Of HC/ HC Material Hardened Ground	Made Out Of HC/ HC Material Hardened Ground
05	Main Body	Fabricated Out Of M.S. Channel, Angle, Plates	Fabricated Out Of M.S. Channel, Angle, Plates
06	Machine RPM	45 RPM	45 RPM
07	Motor	5 HP, 1440 RPM	7.5 HP, 1440 RPM
08	Drive	Gear Drive	Gear Drive
09	Pressure Adjustment	Screw System With Handle	Screw System With Handle
10	Power Supply Required	5 HP 3 Phase 440v	7.5 HP 3 Phase 440v



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Our self are in wire product manufacturing world since more then three decades. We have developed wire products for different applications like automobile seat , gaskets components, modular kitchen accessories ,wire baskets , cable try , sport safety wire products , bottle holders for Indian Railway and Road transportation, Display racks , wire shelf , wire hangers , kitchen wire products for Big kitchen etc.

Recently we have installed the bellow 3D C.N.C. wire bending machine with high speed and accuracy .

We can feed your any requirements for wire products for your esteem concern. If you have any requirement for any kind of wire components, you are feel free to send us your drawing or samples. We assure our best and sincere services at all time. Awaiting your valued enquires and orders time to time on long term relation basis.

