



ISO 9001 : 2015
CERTIFIED COMPANY

SHREEJI

WELD INDUSTRIES



BAND SAW BLADE BUTT WELDER

BUTT WELDING MACHINE is designed to facilitate reliable and easy operation. The ends of Band saw Blades were joined by means of over lapped brazing. Such brazing methods required a high degree of brazing skill and yet produce weak joined on account of the foreign material being introduced. In addition; solder and flux were required. Electric Resistance Butt Welding is the modern method, which not only gives a joint strength 25% higher than that of the base metal strength but also is also quick and automatic, thus eliminating human error and giving a perfect and strong joint.

We Also Manufacture : Arc Welders, Spot Welders, Butt Welders, Argon Arc Welders, Seam Welders, Pneumatic, Pedal Operated, Table Mounted, Portable and Resistance Heating Equipments.

BAND SAW BLADE BUTT WELDER

SUITABLE TO WELD :

- 1/8"-1" (3KVA) & 1/4"-1 1/2" (5KVA) wide blades
- Carbon Steel Blades
- Bi-Metal Blades

WELDING PROCESS :

Butt Welding Equipment, the saw blade or wire ends are cut straight, exactly at right angle and free from burrs, on special shearing attachment available. Welding current, upsetting pressure and upsetting way are set according to the blade's width, the blade ends, being rightly clamped by special quick acting clamps provided on the machine. By depressing the welding lever the automatic welding cycle being. The two ends are heated up to forging temperature in a few seconds and then automatically forged (upset). At this instant; the welding current switches off automatically. The job is declamped and the weld is complete.

ANNEALING ATTACHMENT :

The upsetting way switch lever is now turned to annealing and the job is again clamped securely with extended jaw distance which comes in j automatically flipping the lever to annealing position. By pressing the annealing switches on which two heat position are provided, the job is annealed order to normalized the brittles in the welded zone. Depending upon the type of material, the annealing process must be repeated several if needed.

PRECISION WELDING :

Minute precision control is ensured by the use of latest control device. The moveable jaws run on precision ball type guides which reduce friction to almost nothing and ensure utmost welding accuracy.

SHEARING ATTACHMENT :

Special shears width arrangements for mounting on the front of the machine are available as an accessory.

GRINDING ATTACHMENT :

Grinding attachment is available as an accessory; mounted on the top of the machine, and is necessary for removing the welding flesh.

TECHNICAL SPECIFICATIONS -

| Model | Material weldable | Welding Range Dia. | Capacity | Grinder | Weight (App) | Dimensions (App) | Input Voltage | Current | Duty Cycle |
|------------|--------------------|-----------------------------|-------------------|-------------|--------------------------------|-----------------------|--------------------|---------|------------|
| SBBW- 325 | Band Saw Blades CS | 3 mm to 25 mm 1/8" to 1" | 3KVA (nominal) | 0.12 KVA | 25 Ks. (Net.) 35Kg. (Gross) | 275 X 235 X 225 mm | 230 V 50 cycles | 13 AMPS | 20% |
| SBBW - 535 | Band Saw Blades CS | 5-35 mm 1/4" to 1 1/2" | 5KVA (nominal) | 0.12 KVA | 28 Ks. (Net.) 37Kg. (Gross) | 275 X 235 X 225 mm | 230 V 50 cycles | 18AMPS | 20% |



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