



# AC ARC WELDER BX1 SERIES

Reliable performance for  
heavy-duty welding applications.

## KIMAT BX1 SERIES

Heavy-duty AC arc welders designed for professional workshop and industrial use. Built with high-quality components to deliver stable arc performance, durability, and excellent welding efficiency.



### HIGH RELIABILITY

Built to withstand  
tough work  
environments.



### STABLE ARC

Consistent output  
for smooth and  
efficient welding.



### EASY OPERATION

Simple controls for  
convenient and  
safe operation.

#### BX1-250



#### BX1-400



#### BX1-500



#### BX1-630



### ACCESSORIES



• 1.1.5m cable  
with electrode  
holder



• 2.1.5m cable  
with earth  
clamp



• 3. Mask  
and brush



### SPECIFICATIONS

| Parameter                       | BX1-250           | BX1-400                 | BX1-500                 | BX1-630                 |
|---------------------------------|-------------------|-------------------------|-------------------------|-------------------------|
| Power Voltage                   | 220V / 50 - 60 Hz | 220 - 380V / 50 - 60 Hz | 220 - 380V / 50 - 60 Hz | 220 - 380V / 50 - 60 Hz |
| Rated Output Current            | 250A              | 400A                    | 500A                    | 630A                    |
| Rated Input Power               | 16.5KVA           | 33.4KVA                 | 41.8KVA                 | 53KVA                   |
| Current Range                   | 50 - 250A         | 80 - 400A               | 100 - 500A              | 125 - 630A              |
| No Load Voltage                 | 55V               | 70V                     | 76V                     | 80V                     |
| Duty Cycle                      | 20%               | 20%                     | 20%                     | 20%                     |
| Usable Electrode                | 1.6 - 4 mm        | 2.5 - 6 mm              | 2.5 - 8 mm              | 2.5 - 8 mm              |
| Recommended Workpiece Thickness | 3 - 4 mm          | 4 - 5 mm                | 5 - 6 mm                | 6 - 7 mm                |
| Net Weight (KG)                 | 42                | 60                      | 75                      | 85                      |

① Recommended values may vary depending on electrode type, materia arade, joint design, welding position, and aloprator technique.



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