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Friction Stir Welding Machine

- Machine speed 500 MM/min
- Welding speed 50 MM/min
- Welding Length(X-Axis) – 500 MM
- Welding Width(Y-Axis) – 400 MM
- Downforce – 25 Kn
- Total Power (Max) 12 HP
- Mains 440 V,3 Phase
- Cooling pump 0.5 HP
- Sturdy basic framework to be mounted on the floor
- A machine will have three axes (x, y & z) plus spindle rotation in clockwise and anti-clockwise
- The working area is according to the plate size 500 MM x 300 MM x thickness of the job
- Welding with a set lead angle (max 5 degrees) should be possible using the x-axis
- Variable speed control