

Fabrication shop- Cutting, Drilling, Welding, Straightening, End Milling – 17195 Sq. Mtr.

1) CNC CUTTING MACHINE:

The CNC cutting machine is utilized for high-precision cutting of MS plates with complex profiles. It ensures uniformity, repeatability, and reduced material wastage. This machine is ideal for producing intricate components used in bridge fabrication as per approved drawings.



2) CNC DRILLING MACHINE:

Used for precise drilling of bolt holes in plates, angles, channels and girders. CNC drilling ensures exact hole alignment, spacing and tolerance, which is critical for proper fit-up during site erection.



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4) RADIAL DRILLING MACHINE:

A heavy-duty drilling machine used for drilling large-diameter holes in thick plates and fabricated members. Suitable for components requiring flexibility in drilling positions and handling large structural sections.

Radial Drill Machine 3 Mtr. Height



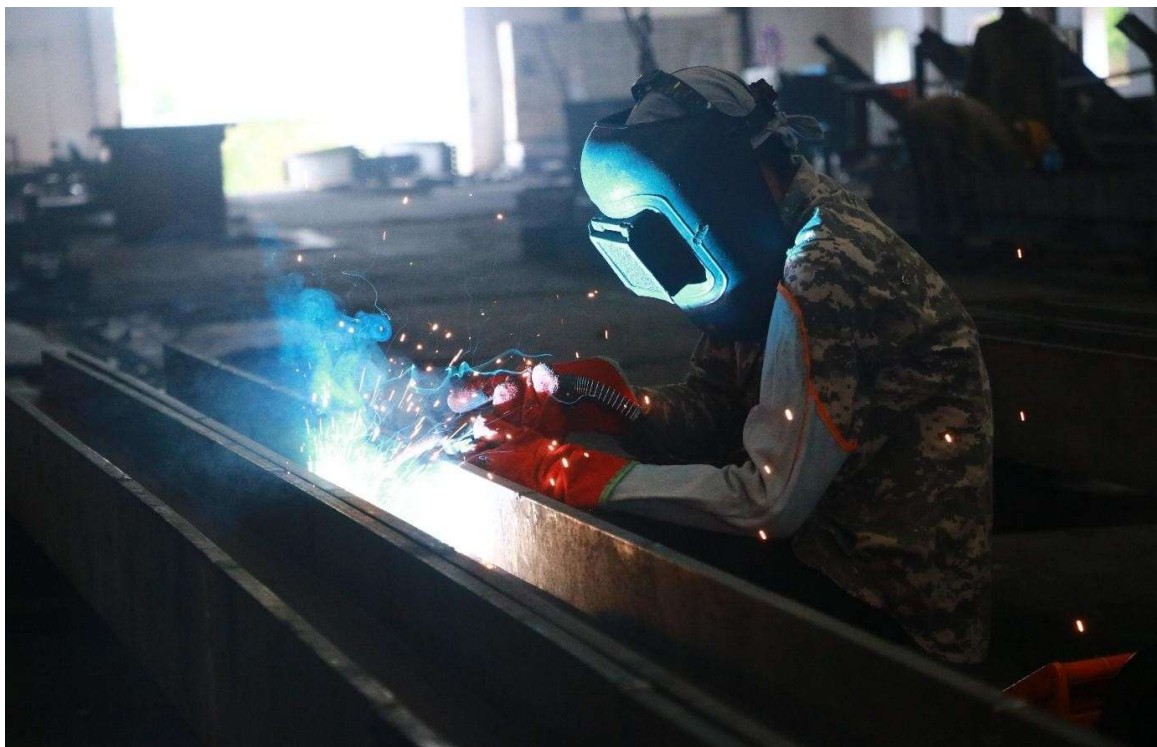
5) SAW WELDING MACHINE:

SAW welding machines are used for heavy structural welds, particularly in girders and long seam welding. This process provides deep penetration, uniform weld quality, and high deposition rates, ensuring strength and durability of welded joints.



MIG WELDING MACHINE:

Metal Inert Gas (MIG) welding machines are used for high-quality welding of structural steel components. MIG welding ensures strong weld joints, better penetration, and higher productivity, making it suitable for bridge fabrication works.



6) STRAIGHTENING MACHINE:

Used for straightening distorted plates and structural members after cutting or welding operations. This machine ensures components meet dimensional and alignment tolerances before further processing or assembly.



7) END MILLING MACHINE:

End milling machines are used to achieve precise end finishes of girders, beams, and columns. This ensures proper mating surfaces during assembly and erection of steel bridge components.

