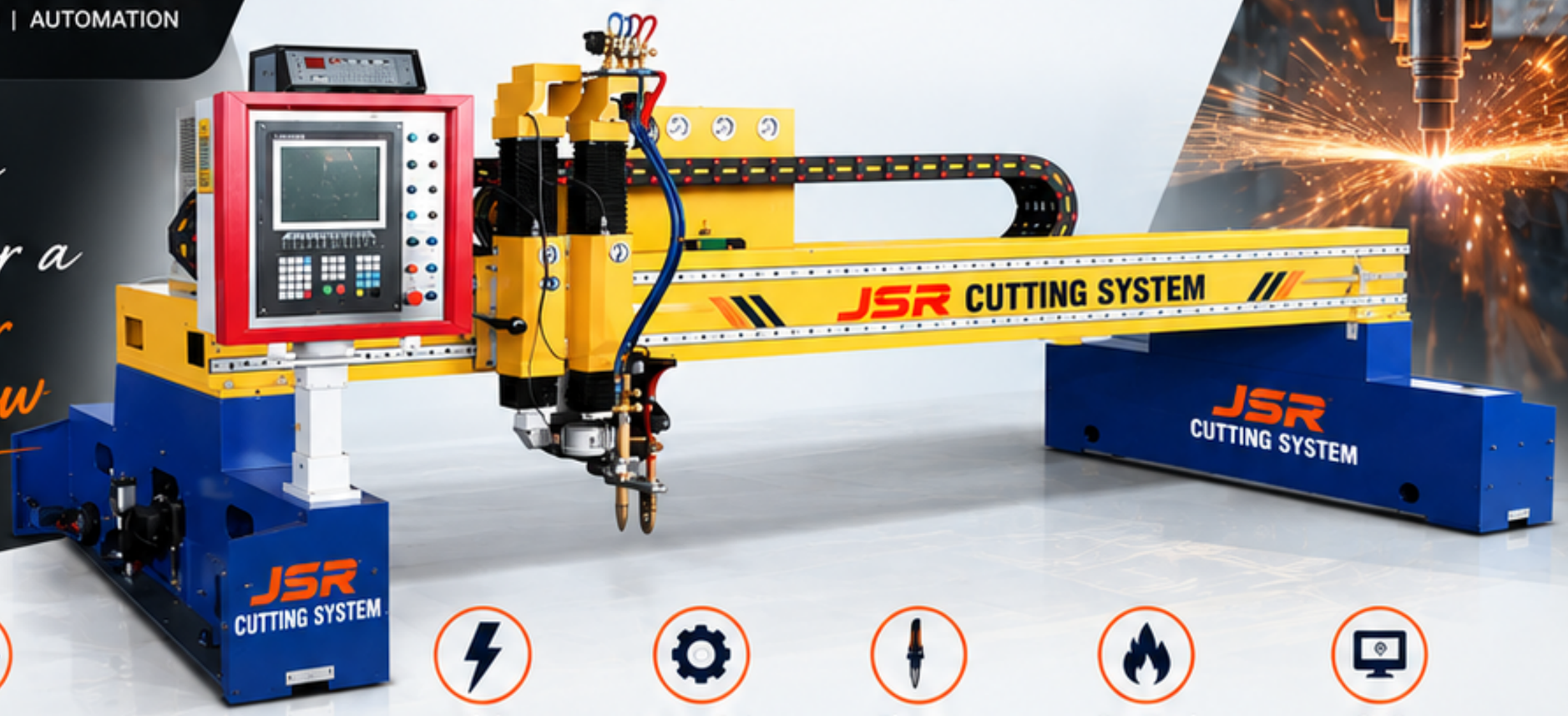
JSR
WELDTECH
WELDING | CUTTING | AUTOMATION

JSR CUTTING SYSTEM
CNC PLASMA CUTTING MACHINE

High Speed | High Precision | Heavy Duty

PRECISION
PRODUCTIVITY
PROFITABILITY

Cutting Today for a Stronger Tomorrow





CUT
BIGGER
FASTER
SMARTER

- High Precision
- High Speed
- Heavy Duty Gantry
- Plasma Cutting
- Oxy-Fuel Cutting (Optional)
- CNC Controller
- CAD/CAM & Nesting Support

MACHINE OVERVIEW

JSR Cutting System CNC Plasma Cutting Machine is designed for high precision, high speed and continuous industrial performance. Built with a heavy-duty gantry, advanced CNC controller and precise motion control, it delivers excellent cutting quality on MS, SS, Aluminium and other metals.

- Heavy-duty gantry structure for stability
- Precise linear guide and rack & pinion drive
- Automatic Torch Height Control (THC)
- Industrial CNC controller with user-friendly interface
- Plasma and Oxy-fuel cutting options
- CAD/CAM and nesting software support
- High cutting speed with excellent edge quality
- Rugged design for continuous industrial use



Engineered for Excellence

APPLICATIONS



Mild Steel (MS) | Stainless Steel (SS) | Aluminium | Structural & Fabrication

IDEAL FOR EVERY CUTTING CHALLENGE

TECHNICAL SPECIFICATIONS (STANDARD)

Parameter	Specification
Working Area	2500 × 6300 mm (2.5 × 6.3 m)
Cutting Technology	CNC Plasma (Oxy-Fuel Optional)
Applicable Materials	MS / SS / Aluminium / Other Metals
Drive System	Rack & Pinion / Linear Guide
Motion Control	Servo / Stepper Motor (as per model)
Torch Height Control	Automatic Torch Height Control (THC)
CNC Controller	Industrial CNC Controller
Software Support	CAD/CAM, Nesting Software
Positioning Accuracy	±0.1 mm
Cutting Thickness	As per plasma power source (e.g. 6–50 mm typical)
Power Supply	415V, 3 Phase, 50 Hz (Customized)
Machine Size	Customizable as per requirement

SAMPLE CUTTING WORK



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YOUR PARTNER IN WELDING & CUTTING SOLUTIONS