

SHAKTI CUT-70E 3-PH AIR PLASMA CUTTING MACHINE

The [Shakti Technology CUT-70E](#) is an industrial-grade, three-phase inverter-based air plasma cutting machine designed for heavy-duty metal fabrication workshops. It utilizes advanced IGBT inverter technology to deliver clean, stable, and highly efficient cuts on various conductive metals.

Technical Specifications

According to authorized product data on Toolsvilla and industrial supplier listings on [IndiaMART](0.6.7, 0.6.11), the key technical details for this variant include:

- **Power & Voltage:** 6.2 KVA input power running on a 3-phase AC380V $\pm 15\%$ power supply.
- **Output Current:** Adjustable output range from 0 to 70 Amperes.
- **Duty Cycle:** Rated at a 100% duty cycle at 25°C, allowing for continuous, uninterrupted operation in workshop environments.
- **Cutting Capacity:** Achieves a standard clean cut of up to 15 mm and a maximum severance cut of 22 mm to 25 mm depending on the material.
- **Compatible Materials:** Engineered to slice through iron, stainless steel, mild steel, aluminum, galvanized plates, brass, copper, and titanium.
- **Physical Profile:** Portable structure weighing approximately 19 kg with physical dimensions of 485 x 245 x 415 mm.