



## CUT 160PI PLASMA CUTTING MACHINE

**PROCESS**  
PLASMA CUTTING

### FEATURES

Chiyoda plasma cutting machine is an advanced tool used for cutting various metals with precision. It operates by generating a high temperature plasma arc to melt the metal at the cutting point. This machine is widely utilized in industries such as automotive, aerospace, and metal fabrication due to its efficiency and ability to cut through thick materials.

- Suitable for cutting stainless steel, copper, iron and aluminum metal, etc
- Simple operation and smooth cutting surface
- HF touched/Untouched Arc-starting cutting

### TECHNICAL SHEET



MODEL	CUT-160PI
POWER VOLTAGE (V)	415V±15%
FREQUENCY (HZ)	50/60 Hz
RATED INPUT CURRENT (A)	44A
EFFECTIVE INPUT CURRENT, MAX. (A)	34A
NO-LOAD VOLTAGE (V)	350V
OUTPUT CURRENT (A)	30-160 A
DUTY CYCLE (%)	60%
NO-LOAD LOSS (W)	100
EFFICIENCY (%)	85%
POWER FACTOR	0.93
INSULATION GRADE	F
HOUSING PROTECTION GRADE	IP21S
DIMENSION (MM)	650 X 330 X 570
WEIGHT (KG)	46
CUTTING THICKNESS (MM)	Steel : 50mm Aluminium: 37mm Copper: 25mm

### INCLUDED

- A141 PLASMA TORCH
- EARTH CLAMP SET
- AIR FILTER

