



PROCESS
PLASMA CUTTING

CUT 120PI PLASMA CUTTING MACHINE

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-120PI
POWER VOLTAGE (V)	415V±15%
FREQUENCY (HZ)	50/60 Hz
RATED INPUT CURRENT (A)	29.5A
EFFECTIVE INPUT CURRENT, MAX. (A)	23A
NO-LOAD VOLTAGE (V)	310V
OUTPUT CURRENT (A)	30-120 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)	39
CUTTING THICKNESS (MM)	Steel : 30mm Aluminium: 20mm Copper: 15mm

INCLUDED

- P80 PLASMA TORCH
- EARTH CLAMP SET
- AIR FILTER

