



PROCESS
PLASMA CUTTING

CUT 120CPD PLASMA CUTTING MACHINE WITH BUILT IN COMPRESSOR

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
- Built in Compressor

TECHNICAL SHEET

MODEL	CUT-120CPD
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 230 X 560
WEIGHT (KG)	46
CUTTING THICKNESS (MM)	Steel : 24mm Aluminium: 16mm Copper: 10mm



BUILT IN COMPRESSOR

INCLUDED

- P80 PLASMA TORCH
- EARTH CLAMP SET
- AIR FILTER

