EN II SERIES

Full Digital High-Precision Control Air Plasma Cutting Machine

CUT
Cutting machine

Functions:

Plasma cutting.

Application industry:

Low-carbon steel, stainless steel, aluminum and other non-ferrous metals.

Features:

- The IGBT soft switch inverter is small and light and convenient for movement;
- Self-locking/non-self-locking function;
- The arc energy is highly centralized, with a narrow cutting mouth, little adhering slag and straight cutting plane;
- It is an efficient and energy-saving equipment with the high power factor;
- It has the rich numerical control and robot connection port and has the ports of short-circuit, gas shortage, water shortage and successful arc striking and arc voltage;
- The remote control and close control can be selected haphazard.

LOAD SUSTAINABILITY
100%

IGBT
Insulated Gate Bipolar Transistor

GREAT-YUVA
Welding Expert

LOAD SUSTAINABILITY
100%

Torch Options-

(1) Manual Torch
(2) Straight Head Torch for Automation

ON SITE WARRANTY

Main Technical Parameters :	YCUT-100 EN-II	YCUT-120 EN-II	YCUT-160 EN-II	YCUT-200 EN-II	YCUT-300 EN-II	YCUT-400 EN-II
Rated input voltage / frequency	Three-Phase 415V(+/-)10% 50Hz					
Rated input capacity (KVA)	13.7	25.7	32	40	70	95
Rated input current (A)	22	39	43	54	95	132
Rated output voltage (V)	120	128	160	160	200	200
Output current range (A)	40~100	40~120	40~160	40~200	40~300	40~400
Output no-load voltage (V)	345	345	380	380	380	380
Rated load sustainability (%)	100					
Ancillary cutting torch	Air Cooling	Air Cooling	Water Cooling	Water Cooling	Water Cooling	Water Cooling
Air pressure of cutting torch (Mpa)	0.45~0.55					
Maximum cutting thickness of carbon steel (mm)	25	35	45	55	80	90
Optimal cutting thickness of carbon steel (mm)	1~12	1~18	1~25	1~30	1~40	1~50
Arc strike method	HF arc					
Shell protection grade	IP23					
Insulation grade	H					