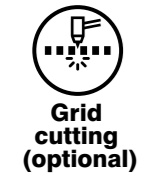


# IGBT INVERTER PLASMA CUTTER WITH BUILT-IN AIR COMPRESSOR



Max cutting  
CUT-80AIR

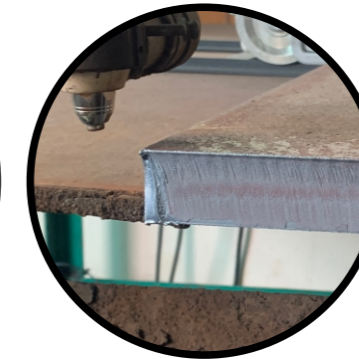


Max cutting  
CUT-100AIR

## Features

- ★ Multi handler for industrial use: CUT & MMA.
- ★ Quick switch between built-in and external air pump.
- ★ Adopts IGBT technology to achieve precision control, fast respond, powerful cutting capacity and high quality cutting seam.
- ★ Deploys high frequency starting technology to make arc starting easier.
- ★ Uses unique transferred arc circuit to provide a stable, continuous arc with less interference.
- ★ 2-3 times faster than the Oxyacetylene cutting speed with significant benefits of less deformation, low costs and high efficiency.
- ★ Features overvoltage, over-current, overheat and open-phase protection to ensure safety use.

## Perfect cutting performance



## Applications



## Technical Data

Model	CUT-80AIR	CUT-100AIR
Power input AC(V)	3pH 380V ±15%	3pH 380V ±15%
Power input frequency(Hz)	50/60	50/60
Rated Capacity(kVA)	14 (CUT) 9.5 (MMA)	19 (CUT) 14.5 (MMA)
Rated current input(A)	21.5 (CUT) 14.5 (MMA)	28.5 (CUT) 18.5 (MMA)
Rated output current(A)/voltage(V)	80/112	100/120
Cutting current range(A)	30-80	30-100
Open circuit voltage DC(V)	285	295
Max. MMA welding current (A) (Optional)	250	300
Rated duty cycle(%)	60	60
Max.cutting thickness(mm)	30	40
IP grade	IP21S	IP21S
Insulation grade	F	F
Cutting current range(A)	700×425×670	765×445×685
N.W.(kg)	48	55