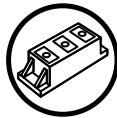


IGBT INVERTER PLASMA CUTTING MACHINE



INDUSTRIAL
USE



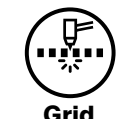
IGBT
module



CNC ON-SITE &
MOBILE CUTTING
APPLICATIONS



2T/4T



Grid
cutting



Thermal
overload
protection



Max cutting
CUT-80D



Max cutting
CUT-100D



Max cutting
CUT-120D

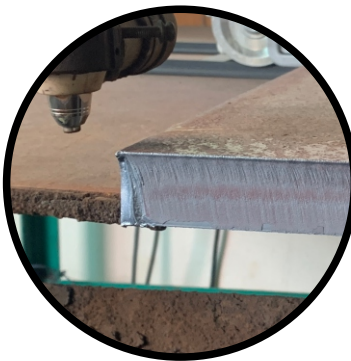


Max cutting
CUT-160D

Features

- ★ Thanks to the advanced inverter technology, the machine is robust with powerful cutting capacity.
- ★ Able to be connected with CNC equipment to achieve automatic cutting; the connector is optional.
- ★ Powerful cutting capacity, narrow cutting seam and clean cutting edge.
- ★ 2T/4T self-locking function.
- ★ Pilot arc starting increases cutting capability and cutting speed, improving service life of torch kit.
- ★ Operation safety protection against over-voltage, low-voltage, over-current and over-heated.
- ★ Heavy duty cycle for industrial use.

Perfect cutting performance



Applications



Steel fabrication
and machining



Petroleum
pipeline



Maintenance
and repair



Shipbuilding



Building and
construction



Vehicle
maintenance

Technical Data

Model	CUT-80D	CUT-100D	CUT-120D	CUT-160D
Power input AC(V)	3pH 380V ±15%	3pH 380V ±15%	3pH 380V ±15%	3pH 380V ±15%
Power input frequency(Hz)	50/60	50/60	50/60	50/60
Rated Capacity(kVA)	12.5	16.5	20	32
Rated current input(A)	18.9	25.5	32.5	46.5
Rated output current(A)/voltage(V)	80/112	100/120	120/128	160/144
Cutting current range(A)	30-80	30-100	30-120	30-160
Open circuit voltage DC(V)	290	300	300	315
Rated duty cycle(%)	60	60	60	60
Quality Cutting thickness(mm)	20	25	30	40
Max.cutting thickness(mm)	25	40	45	60
IP grade	IP21S	IP21S	IP21S	IP21S
Insulation grade	F	F	F	F
N.W.(kg)	18	32	32	50
Dimensions(mm)	580×335×510	658×383×658	658×383×658	708×403×713