

# WIZARD PLASMA CUTTING MACHINE



## CUT NVERTER IGBT

- HF is available for easy arc ignition
- Pilot arc start increases cutting efficiency.
- Widely used in cutting stainless steel, copper, cast iron and aluminium etc.
- Convenient and simple operation panel, 2T/4T function
- Equipped with over-heat/over-current as well as insufficient compressor air pressure protection
- Built in pre-post flow function to protect torch electrode and nozzle



Three-Phase Frequency

DC

CCC

CE

Technical Parameters	CUT 40	CUT-80	CUT-100	CUT-120	CUT-160	CUT-200
Rated Input Voltage (VAC)	230 V	3P-415±15%	3P-415±15%	3P-415±15%	3P-415±15%	3P-415±15%
Frequency	50/60	50/60	50/60	50/60	50/60	50/60
Rated Input Capacity (KVA)	9.8	12.4	16.7	21.3	23.8	46.5
Max Input Current (A)	44.3	18.9	18.9	32.4	32.4	70.9
Duty Cycle (%)					60	200
No-Load Voltage (V)	278	301	308	309	340	160
Adjustment Current Range (A)	30-60	30-80	30-100	30-120	30-350	40-200
Arc Ignition Mode	HF, No Touch	HF, No Touch	HF, No Touch	HF, No Touch	HF, No Touch	HF, No Touch
Gas Pressure Range (MPa)	0.3-0.5	0.3-0.5	0.3-0.5	0.3-0.5	0.3-0.6 MPA	
Quality Manual Cutting	7/ Stainless Steel	10/ Stainless Steel	15/ Stainless Steel	15/ Stainless Steel	35/ Stainless Steel	65/ Stainless Steel
Thickness (MM)	15/ Carbon Steel	20/ Carbon Steel	25/ Carbon Steel	30/ Carbon Steel	40/ Carbon Steel	
Quality CNC Cutting	/	/	/	5/Stainless Steel	5/Stainless Steel	
Thickness (MM)				10/Carbon Steel	10/Carbon Steel	
Max Manual Cutting	22	30	35	40	40	40
Thickness (MM)						
Protection Classification	80	80	85	90	90	90
Net Weight (KG)	12	21	26	32	54.8	86
Machine Dimensions (MM)	470*230*460	505*345*445	535*265*490	570*285*520	640*385*630	863*385*800

## FEATURES

New Design, Smart Appearance  
Compact Size, Lightweight and Power Saving

Strong Current Output, Superior Arc Performance  
Quality Weld with Precise Control