

 **HIKARI**TM

 **HIKARI**TM
200 CNC





Key Features

- Hikari 200 Advanced High-Frequency Inverter: Built with cutting-edge soft-switch high-frequency inverter technology to guarantee highly stable power delivery.
- Flawless Arc Ignition by Hikari 200: The power source delivers a 100% arc-striking success rate, completely eliminating misfires during operation.
- Versatile Material Processing: The Hikari 200 system is engineered to effortlessly cut a wide range of metals, including Stainless Steel, Alloy Steel, Foundry Iron, Carbon Steel, Copper, Aluminium, Manganese, Titanium, and Clad Plates.
- Heavy-Duty IGBT Circuitry: Hikari 200 incorporates a super-power IGBT switch device circuit that significantly enhances the machine's overall reliability and durability.
- Seamless Amperage Control: The Hikari 200 power output utilizes stepless current adjustment, allowing for smooth and infinitely variable control over the cutting amperage.
- Precise Digital Calibration: The Hikari 200 features an intuitive digital display that allows operators to accurately preset cutting parameters.



Parameter	Model	HIKARI 63	HIKARI 130	HIKARI 160	HIKARI 200	HIKARI 300	HIKARI 400	HIKARI 500
Low Carbon Steel	Cut-off Ability	25mm	50mm	65mm	80mm	100mm	110mm	120mm
	Quality Cutting	12mm	25mm	35mm	45mm	50mm	55mm	60mm
	Max Perforation	10mm	22mm	28mm	30mm	35mm	35mm	35mm
Stainless Steel	Cut-off Ability	12mm	32mm	36mm	50mm	65mm	75mm	90mm
	Quality Puncture	8mm	20mm	22mm	25mm	30mm	35mm	35mm
Aluminium	Cut-off Ability	12mm	40mm	50mm	60mm	65mm	80mm	90mm
	Quality Puncture	8mm	20mm	25mm	28mm	35mm	35mm	35mm

Technical Parameters

Model	HIKARI 200 CNC
Voltage(V)	3-415 ±15% 50/60Hz
Rated Input Capacitor(KVA)	45
Rated Input Current(A)	68
Power Factor	0.89
Rated Output Current(A)	200
Rated Duty Voltage(V)	160
Output no-load Voltage(V)	340
Rated Duty Cycle(%)	100
Output Current Range(A)	40-200
Arc-striking Mode	Non-contact Arc Striking
Quality Cutting Thickness(steel-mm)	40
Max Cutting Thickness(steel-mm)	70
Plasma Gas Usage	Compressed Air
Working Gas Pressure Scope(Mpa)	0.45-0.55
Efficiency	90
Insulation Class	F
Torch Cooling Way	Air
Protection Degree	IP21S
Dimension(mm)-big	825*350*735
Net Weight(kg)	75
Gross Weight(kg)	92.8
low-carbon steel quality cutting(mm)	45
low-carbon steel cut-off ability(mm)	70
low-carbon steel max perforation(mm)	30
stainless steel cut-off ability(mm)	50
stainless steel quality puncture(mm)	25
Aluminum cut-off ability(mm)	60
Aluminum quality puncture(mm)	28

Manufactured/Assembled & Distributed by :

AHDORA INDUSTRIES PRIVATE LIMITED

Address :

HQ > Wework Eldeco Center, Block A, Shivalik Colony,
Malviya Nagar , Delhi - 110017



Factory :

Khasra No. 886, Dev Nagar , Near - Jai Mahal Resort ,
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