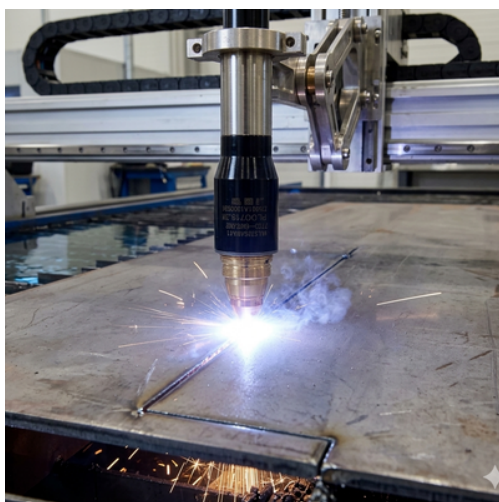
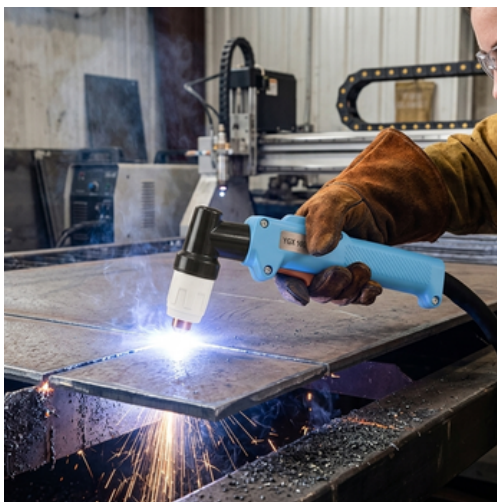


 HIKARITM
100 PLASMA





Key Features

- **Hikari 100 Dual Cooling System:** The machine is fully equipped to run both air-cooled and water-cooled guns simultaneously, allowing you to switch torch modes instantly with a single press.
- **Flawless Arc Ignition by Hikari 100:** The system delivers a 100% arc-striking success rate combined with a strong piercing capacity, completely preventing misfires during operation.
- **Versatile Material Processing:** The Hikari 100 is engineered to effortlessly cut a wide range of conductive metals, including Stainless Steel, Alloy Steel, Foundry Iron, Carbon Steel, Copper, Aluminium, Manganese, Titanium, and Clad Plates.
- **Heavy-Duty IGBT Module Circuitry:** It incorporates advanced soft-switch HF inverter technology and a super-power IGBT module switch device circuit to ensure maximum machine reliability.
- **Flexible Operation Modes:** The Hikari 100 is highly adaptable, allowing for quick and seamless switching between automated CNC cutting and manual hand cutting configurations.



Technical Parameters

Model	HIKARI 100 Plasma
Voltage(V)	3-415±10% 50Hz
Rated Input Capacitor(KVA)	15.8
Rated Input Current(A)	23
Rated Output Current(A)	30-100
Output no-load Voltage(V)	295
Rated Duty Voltage(V)	120
Rated Duty Cycle(%)	60
Working Gas Pressure Scope(Mpa)	0.4-0.5
Arc-striking Mode	HF Non-contact Arc Striking
Quality Cutting Thickness(steel-mm)	0.3-20
Max Cutting Thickness(steel-mm)	35
Plasma Gas Usage	Compressed Air
Torch Cooling Way	Air
Insulation Class	F
Protection Degree	IP21S
Dimension (mm)	636*290*535
Net Weight(kg)	32
Gross Weight(kg)	33.2

Parameter	Model	HIKARI 100	HIKARI 105	HIKARI 120
Low Carbon Steel	Cut-off Ability	40mm	40mm	45mm
	Quality Cutting	22mm	22mm	25mm
	Max Perforation	20mm	20mm	22mm
Stainless Steel	Cut-off Ability	28mm	28mm	32mm
	Quality Puncture	18mm	18mm	20mm
Aluminium	Cut-off Ability	28mm	28mm	32mm
	Quality Puncture	18mm	18mm	20mm

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 , Delhi Bypass , Bhadharna , VKI Jaipur, Rajasthan. PIN: 302013

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