

DC TIG Pulse Welding Machine

This machine offers comprehensive functions and an adjustable design for high-quality welding. Base current, pulse current, up slope, down slope, pulse frequency, and pulse width can be adjusted continuously.



Overview

Precision DC TIG Pulse Welding Solution

This advanced DC TIG Pulse welding machine is engineered for high-precision welding applications, offering versatile support for both TIG and MMA welding processes. It utilizes stable DC inverter technology to deliver efficient power output, with a wide range of adjustable parameters including pre-flow, pulse frequency, and down-slope time. Designed for professional use, this unit combines robust performance with reliable safety features, making it an ideal choice for diverse welding tasks.

Electrical Specifications

Input Voltage	AC220V/380V \pm 15%
Input Frequency	50 Hz
Rated Input Power Capacity	8.3 KVA
Power Factor	0.93

Welding Performance

Output Current Range	10-300A
Duty Cycle	60 %
Arc Striking Method	HF (High Frequency)
Efficiency	85 %

Pulse Control

Pulse Control Parameters

Parameter	Range
Pre-flow Time	0-2S
Pulse Current	10-300A
Down-slope Time	0-5S
Pulse Frequency	1-70HZ
Pulse Width	10-90%

Physical & Safety

Insulation Class

Class B

Protection Class

IP21

Dimensions

502 x 204 x 378 mm

Weight

18 KG

Key Metrics

Key Performance Metrics

300 A

Max Output Current

56 V

No-load Voltage

60 W

No-load Consumption