AMBITION WELD INDUSTRIES



JTG-250 , AC/DC PULSE TIG WELDING MACHINE









JTG-250 AC/DC





> The first choice for thin materials

- Multi-function welding machine -AC TIG,AC pulsed TIG,DC TIG,DC pulsed TIG,MMA
- Advance Inverter Technology
- > Auto protection of over-voltage and over-current
- Portable and Lightweight design presents rugged exterior and a flip down visor to protect panel from burns and damage
- Combination of AC and DC TIG permit deep penetration and significantly cut down electrode consumption
- Adjustable slop up/down, Gas Pre-flow and Post-flow control for maximum shielding gas protection before and after the weld
- Capable for different shapes welding, like butt-joint, corner joint, T-joint, lap-joint and cruciform joint
- > Pulsed function for Aluminium welding.

Technical Specification

UNITJTG-250 ACDCInput VoltageV220V±10%FrequencyHz50/60PhaseSingleARC StartingTypeHFOpen Circuit VoltageV56Input Power CapacitykVA4.5Current Regulating RangeA10-250Rise timeSec0-10Delay timesSec0-10Fall timesSec0-10Pre Gas FlowSec0-2Duty Cycle at (40 °C)%60Efficiency%85Power factorcos0.93Degree of ProtectionClassIP21SInsulation GradeFWeight	i conneai specification		
FrequencyHz50/60PhaseSingleARC StartingTypeOpen Circuit VoltageVOpen Circuit VoltageVInput Power CapacitykVA4.5Current Regulating RangeA10-250Rise timeSecDelay timesSec1-10Fall timesSecOuty Cycle at (40 °C)%60EfficiencyPower factorcosDegree of ProtectionClassInsulation GradeF			JTG-250 ACDC
PhaseSingleARC StartingTypeHFOpen Circuit VoltageV56Input Power CapacitykVA4.5Current Regulating RangeA10-250Rise timeSec0-10Delay timesSec0-10Fall timesSec0-10Pre Gas FlowSec0-2Duty Cycle at (40 °C)%60Efficiency%85Power factorcos0.93Degree of ProtectionClassIP21SInsulation GradeFF	Input Voltage	V	220V±10%
ARC StartingTypeHFOpen Circuit VoltageV56Input Power CapacitykVA4.5Current Regulating RangeA10-250Rise timeSec0-10Delay timesSec1-10Fall timesSec0-10Pre Gas FlowSec0-2Duty Cycle at (40 °C)%60Efficiency%85Power factorcos0.93Degree of ProtectionClassIP21S	Frequency	Hz	50/60
Open Circuit VoltageV56Input Power CapacitykVA4.5Current Regulating RangeA10-250Rise timeSec0-10Delay timesSec0-10Fall timesSec0-10Pre Gas FlowSec0-2Duty Cycle at (40 °C)%60Efficiency%85Power factorcos0.93Degree of ProtectionClassIP21SInsulation GradeF	Phase		Single
Input Power CapacitykVA4.5Current Regulating RangeA10-250Rise timeSec0-10Delay timesSec1-10Fall timesSec0-10Pre Gas FlowSec0-2Duty Cycle at (40 °C)%60Efficiency%85Power factorCos0.93Degree of ProtectionClassIP21SInsulation GradeF	ARC Starting	Туре	HF
Current Regulating RangeA10-250Rise timeSec0-10Delay timesSec1-10Fall timesSec0-10Pre Gas FlowSec0-2Duty Cycle at (40 °C)%60Efficiency%85Power factorcos0.93Degree of ProtectionClassIP21SInsulation GradeF	Open Circuit Voltage	V	56
Rise timeSec0-10Delay timesSec1-10Fall timesSec0-10Pre Gas FlowSec0-2Duty Cycle at (40 °C)%60Efficiency%85Power factorcos0.93Degree of ProtectionClassIP21SInsulation GradeF	Input Power Capacity	kVA	4.5
Delay timesSec1-10Fall timesSec0-10Pre Gas FlowSec0-2Duty Cycle at (40 °C)%60Efficiency%85Power factorcos0.93Degree of ProtectionClassIP21SInsulation GradeF	Current Regulating Range	Α	10-250
Fall timesSec0-10Pre Gas FlowSec0-2Duty Cycle at (40 °C)%60Efficiency%85Power factorcos0.93Degree of ProtectionClassIP21SInsulation GradeF	Rise time	Sec	0-10
Pre Gas FlowSec0-2Duty Cycle at (40 °C)%60Efficiency%85Power factorcos0.93Degree of ProtectionClassIP21SInsulation GradeF	Delay times	Sec	1-10
Duty Cycle at (40 °C)%60Efficiency%85Power factorcos0.93Degree of ProtectionClassIP21SInsulation GradeF	Fall times	Sec	0-10
Efficiency%85Power factorcos0.93Degree of ProtectionClassIP21SInsulation GradeF	Pre Gas Flow	Sec	0-2
Power factorcos0.93Degree of ProtectionClassIP21SInsulation GradeF	Duty Cycle at (40 °C)	%	60
Degree of ProtectionClassIP21SInsulation GradeF	Efficiency	%	85
Insulation Grade F	Power factor	COS	0.93
	Degree of Protection	Class	IP21S
Weight kg 30.4	Insulation Grade		F
	Weight	kg	30.4

