DIGITAL SYNERGIC DOUBLE PULSE MIG

INMIG-400/500 DP is microprocessor controlled digital synergic double pulse MIG machine. It has multifunction capability and is loaded with programs for different materials.

Process : SMAW, GMAW, GMAW-Synergic, GMAW Pulse, GMAW-Double Pulse.
Material : Fe (CS), AlSi (Aluminum), AlMg (Aluminum), CrNi (Stainless Steel), Cu (Copper)

Features

- Inverter based with latest Soft switching Technology
- Micro controller based for precise control
- Normal /Synergic Mode
- 2 / 4 Step Mode
- Arc Length adjustment function
- Adjustable crater voltageand crater current.
- Adjustable Burn Back Time
- Suitable for different kind of base metals
- Highly energy efficient and high power factor
- Can work in single /Double Pulse mode
- Special 4 Step mode for delivery of high curing during st
- Adjustable Arc force
- Adjustable Pre / Post gas flow time
- Spot Welding function
- Memory channels to store data

Basic Outfits

- Power Source with Wheels
- Wire Feeder with Interconnecting Cable
- 3 Meters Long MIG Welding Torch
- Earth cable with Clamp
- Argon Regulator flowmeter
- Closed Wire Feeder

Technical Specifications

Model	INMIG-400 DP	INMIG-500 DP
Input Supply	380 ~ 440 Volts 3 Phase 50 Hz Supply	380 ~ 440 Volts 3 Phase 50 Hz Supply
Input KVA	18.4	26.5
Welding Current Range	20 ~ 400	20 ~ 500
Voltage Setting Range (V)	14 ~ 44	14 ~ 44
Pre Gas Time (Sec)	0 ~ 3	0 ~ 3
Post Gas Time (Sec)	0 ~ 20	0 ~ 20
Peak Current Range (Amps)	20 ~ 400	20 ~ 500
Pulse Frequency (Hz)	0.1 ~ 9.9	0.1 ~ 9.9
Duty Cycle (%)	10 ~ 90	10 ~ 90
Burn Back Time (Sec)	0.01 ~ 0.5	0.01 ~ 0.5
Burn Back Voltage (V)	10 ~ 25	10 ~ 25
Crater Voltage Setting (V)	14 ~ 40	14 ~ 40
Crater Current (Amps)	10 ~ 400	10 ~ 500
Welding Mode	2/4/S4/Spot	2/4/S4/Spot
Wire Selection	0.8 /1.0 /1.2/1.6	0.8 /1.0 /1.2/1.6
Power Factor	0.95	0.95
Efficiency	89	89
Duty Cycle	100% at full load	100% at full load
Weight of Power Source	42 Kg	46 Kg
Dimension (LxWxH mm)	600x290x750	600x290x750

Specifications may subjected to change without notice.