



for Welding Excellence

MULTIFUNCTIONAL MIG WELDING MACHINE

INVAMIG 400DP / 500DP / 600DP



MULTI FUNCTIONAL

- DIGITAL synergic pulse
- LCD Display
- 20Nos Program available
- Control on power source
As well as Wirefeeder

Special program for

Wire Dia

- 0.8
- 1.2
- 1.6
- 2.4*

*only for 500 Amps

FLUX - CORE

AL

SS- ALLOY

SS

MS- ALLOY

MS

Functions:

- Soft-start ignition.
- Adjustable welding current / voltage, crater current / voltage, arc characteristics control.
- 2/4 step welding mode selection facility.
- Preflow & Postflow adjustment.
- Burn back time Adjustment.
- Welding wire diameter selection facility.
- Welding voltage and welding current displayed digitally.
- Protective functions : over-temperature, over current, under / over voltage, single phasing, Over Temperature, Short Circuit.

Features:

- Designed with high open circuit voltage and slow wire feeding speed for smooth and steady arc striking / initiation.
- Excellent FTT - Globule control circuit makes positive striking of arc.
- The function of crater filler, to improve the quality at the end of weld.
- Ignition time out.
- Double fan for better cooling.
- Burn back adjustment with digital control.
- Error code display for abnormal operation.

INPUT



OUTPUT



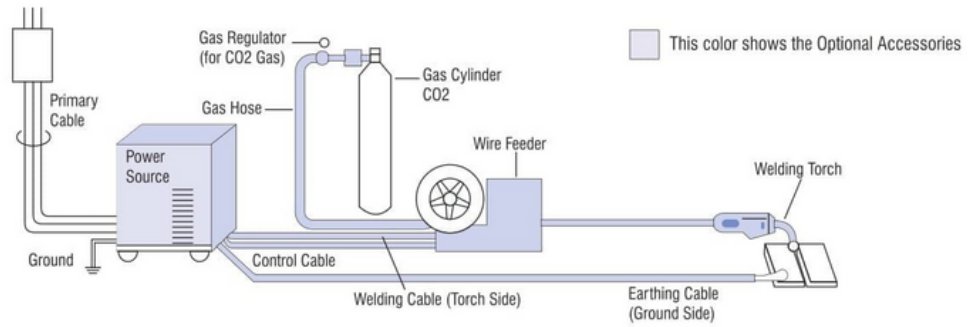
IEC-60794 Part :1/2/5/7



EXCELLENT WELDING FOR HIGHER PERFORMANCE

Consistency in quality & service **40** years

CONNECTION DIAGRAM



TECHNICAL SPECIFICATION POWER SOURCE

PARAMETER	INVAMIG 400 DP	INVAMIG 500 DP	INVAMIG 600 DP
Rated Input Supply	3 ph, 415 VAC +/- 15% , 50/60 Hz		
Power Factor	0.99		
Protection	IP- 21		
Insulation Class	H		
Rated input current (A)	23.5	34	38
Rated MCB Capacity (A)	40	63	63
Rated input Capacity (KVA)	16	23	30
No Load Voltage (VDC)	74	80	80
Out put Current Range (A)	20 - 400	20 - 500	20 - 600
Out put Voltage Range (V)	16 - 34	12 - 40	12 - 44
Crater Current Range (A)	20 - 400	20 - 500	20 - 600
Crater Voltage Range (V)	12 - 40	12 - 40	12 - 44
Duty Cycle (%)	60	60	60

WIRE FEEDER

PARAMETER	DWF-2	DWF-4
Applicable Spool Size	300mm dia 15 kg (max)	300mm dia 15 kg (max)
Drive Roller	2 Roll	4 Roll
Input Supply (VDC)	24	24
Wire Size	0.8, 1.0, 1.2	0.8, 1.0, 1.2, 1.6
Feed Rate (mtr/min)	1 - 21	1 - 21

WELDING TORCH

PARAMETER	WT-3510
Max Current Capacity (A)	350
Duty Cycle (%)	60% (Ar) / 30% (MAG)
Weight (kg)	2.7
Cooling Type	Gas Cooled
Wire Size	0.8, 1.0, 1.2

SCOPE OF SUPPLY

1. POWER SOURCE :- 01 No
2. MIG WELDING TORCH :- 01 No
3. WIRE FEEDER :- 01 No
4. INTERCONNECTING CABLE 01 No
5. GAS FLOWMETER /REGULATOR 01 No



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