

## COMPLETELY DIGITAL TECHNOLOGY BASED

- DOUBLE PULSE MIG
- PULSE MIG
- SYNERGIC MIG
- MAG/CO2 MIG
- MMA



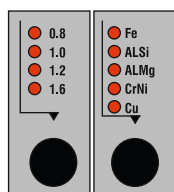
for Welding Excellence



**PULSE MIG 500 DP**

**PULSE MIG 400 DP**

### FULL RANGE OF OPPORTUNITIES FOR INTELLIGENT WELDING



The welding database is built with various metal & wire size combinations. After selecting these combinations, Mr. Welder has got very few things to set-up to get the job perfect.

### ALUMINUM & IT'S ALLOY WELDING WAS NEVER THIS EASY



- Inbuilt **Al-Si** Program
- Inbuilt **Al-Mg** Program

Delivers highest quality of Aluminum welding using double pulse welding .

- The **S4T** mode gives the user to set 3 different currents like > start current > weld current > end current, which delivers the ease to weld on Aluminum jobs.

### PROTECTION AGAINST THE ODDS

- The machine is protected against Thermal, UV, OV, Single Phasing, Overload.

### THESE PARAMETERS CAN BE TAILORED TOO..

- **Burnback**: Adjustable time delay between turning off the arc and the wire feed to prevent wire sticking to the puddle.
- **Gas Control** : Pre-flow & Post-flow time of gas can be adjusted precisely
- **Job Save-Recall** : The parameters can be saved in 10 individual location & can be easily retrieved on a click.

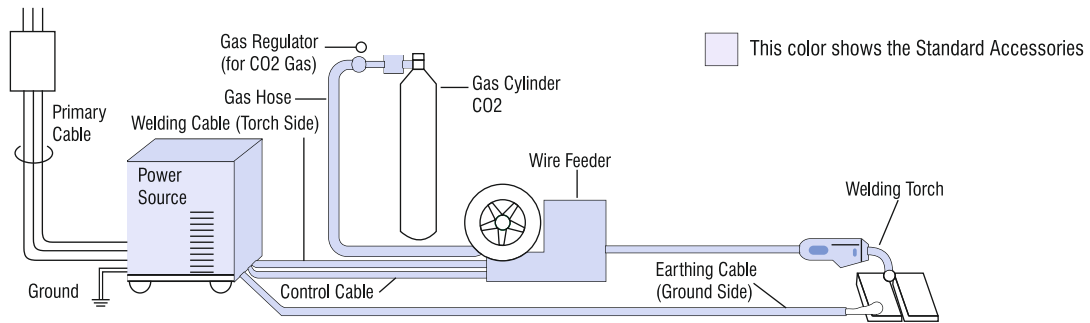
### THE PULSE & DOUBLE PULSE MIG

- **Pulse MIG** : This will allow the user to weld with less spatter in Mild Steel, Stainless Steel & with Aluminum as well.
- **Double Pulse MIG** : This feature allows the user to deliver better heat controlled bead in Aluminium & Stainless Steel welding.

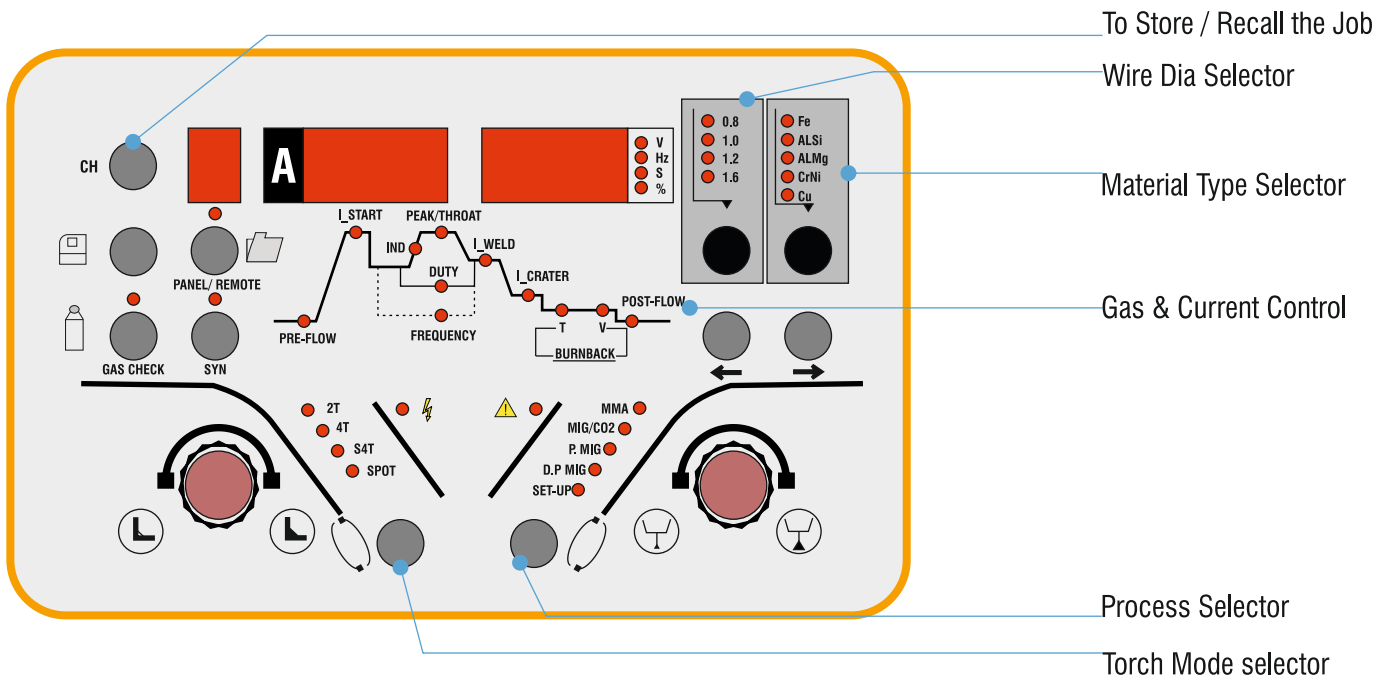
*Professional Welders can deliver the AC-TIG like Aluminum welding bead by using this mode.*

*Excellent Welding for Higher Performance...*

## CONNECTION DIAGRAM



## The Most Simple Operating Panel



## Technical Specification

PARAMETERS	PUSLE MIG 400 DP	PULSE MIG 500 DP
Rated input supply	3Ph., 415VAC $\pm 15\%$ , 50/60Hz	3Ph., 415VAC $\pm 15\%$ , 50/60Hz
Power factor	0.99	0.99
Protection	IP 23	IP 23
Insulation class	H	H
Rated input current (A)	23	34
Rated input capacity (KVA)	16	23
Output current range (A)	30-400	30-500
Output voltage range (V)	10-36	10-40
Crater current range (V)	30-500	30-500
Crater voltage range	10-36	10-40
Rated Duty cycle (%)	60	60
Dimension (LxWxH) (mm)	750 x 350 x 900	750 x 350 x 900
Weight (approx) (kg)	75	85

### STANDARD SCOPE OF SUPPLY

1. Power Source : 01 No.
2. Wire Feeder : 01 No.
3. Water Cooled Welding Torch : 01 No.
4. Interconnection Cable : 03 Mtr.
5. Gas Hose : 03 Mtr
6. Earthing Cable: 03 Mtr
7. Gas Regulator & Flow meter: 01 No.

### OPTIONAL ITEMS AT EXTRA COST

1. Parameter Locking System
2. Auto Darkening Welding Helmet
3. Special Gloves for Aluminum Welding

CAT: MO/CAT/DP/MIG/02  
ISSUED ON : APR19



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