

# DC Inverter CC-CV MIG/MMA/LIFT TIG Welding Machine

## PR SERIES



**YMIG-270PR**



**INMIG-300PR**



**YMIG-300T**

- ◆ Aluminium Welding feature
- ◆ Gas-less & Gas-shielded FCAW feature

### Accessories



### About PR Series:

PR Series welding machines are heavy duty machines and thus suitable to be used in harsh industrial environments. This range of machines are designed for continuous applications and for outdoor applications.

### Features

- ◆ With good protection of Under-Voltage, Over-Voltage and Over-Current, it makes the machine safe and reliable.
- ◆ Pre-setting of precise digital Voltage/Current parameter enables easy operation.
- ◆ Double IGBT High Power Module makes the machine Highly Power efficient and Energy Saving.
- ◆ With CC/CV function, one machine can perform MIG/MMA/Lift TIG welding.
- ◆ With 2T/4T options, convenient for the operator to perform welding as per the job requirement.
- ◆ Aluminium Welding feature and Gas-less/Gas-shielded FCAW feature (INMIG-300PR).
- ◆ Advance machine feature –Soft Arc & Hard Arc feature –gives choice to choose arc type for thin sheet and thick plate



Main Technical Parameter	YMIG-270PR	INMIG-300PR	YMIG-300T
Input Voltage(V)	AC415V(3P)/230V+/- 10%	AC415V(3P)/230V+/- 10%	AC415V(3P)/230V+/- 10%
Frequency(Hz)	50/60	50/60	50/60
Rated input capacity(KVA)-MIG/MAG	8.7	11.7	8.7
Rated input capacity(KVA)-MMA	9.8	12.8	9.8
Rated input current(A)-MIG/MAG	12/39	20/53	12/39
Rated input current(A)-MMA	13.6/44	24/58	13.6/44
No-load voltage(V)	60	60	60
Max output current(A)	270	300	300
Output voltage range(V)-MIG/MAG	17-27.5	17-29.7	17-27.5
Output voltage range(V)-MMA	21-30.08	20.6-32.6	21-30.8
Duty cycle(%)	60%	60%	60%
Output current range(A)-MIG/MAG	60-270	60-315	60-300
Output current range(A)-MMA	15-270	15-315	15-300
Insulation class	H	H	H
Power factor	>0.93	>0.93	>0.93
Case protection class	IP23	IP23	IP23
Dimension(L*W*H) (mm)	507X260X532	950X285X670	495X225X395
Weight(KG)	25	47	17
Suitable wire(mm)	0.8/1.0	0.8/1.0	0.8/1.0
Feeding speed(m/min)	3-17	3-17	3-17
Gas flow(L/min)	5-10	5-10	5-10