

Hybrid Welding Machine HYWEL-250A,350A,500A



Three in One (Three welding in One welder), saving Space, Cost, Time, and Labor line
By placing each welding torch to the back of the welder, it provides relaxed working environment in the welding booth and energy saving for the user and electricity cost saving.

SPECIFICATION

SEPARATION	DC ARC		DC TIG		AC TIG		CO ₂ MAG		CO ₂ MIG		
	250A/350A/500A	250A/350A/500A	250A/350A/500A	250A/350A/500A	250A/350A/500A	250A/350A/500A	250A/350A/500A	250A/350A/500A	250A/350A/500A	250A/350A/500A	
Rated Input Voltage(V)	10/220V / 30 380V										
Rated Frequency(HZ)	50/60Hz										
No-Load Voltage(DCV)	390V 60V 220V 68V 78V	390V 60V 220V 68V 78V	390V 60V 220V 68V 78V	390V 60V 220V 68V 78V	390V 60V 220V 68V 78V	390V 60V 220V 68V 78V	390V 60V 220V 68V 78V	390V 60V 220V 68V 78V	390V 60V 220V 68V 78V	390V 60V 220V 68V 78V	390V 60V 220V 68V 78V
Rated Duty Cycle (%)	60	60	60	60	60	60	60	60	60	60	
Rated Output Current(DCA)	230	300	330	250	500	500	320	450	250	350	
Rated Input(kVA)	9.3	11	13	9.3	18	18	9.3	14.5	23.5	14.5	
Rated Input(kW)	7.8	9.4	11	7.8	10.3	15	7.8	11.2	19.5	11.2	
Rated Load Voltage(DCA)	32	32	33.5	30	30	30	14-32	14-32	15-39	14-32	
Output Current per Rated Duty Cycle(A)	230	232	255	387	387	387	250	271	387	271	
Load Voltage Rated Duty Cycle (V)	29	29	30	25.5	25.5	25.5	25.8	25.8	33.5	25.8	
Pulse Width Adjustment Range (%)	15 - 85										
After-Flowtime (sec)	0.5 - 25										
Initial Current Range (A)	5-250 5-350 10-500 5-250 5-320 10-460										
Output current Range(Catse Current)(A)	20-200 50-300 50-350 5-250 10-500 10-320 10-450 4-250 40-350 50-500										
Output Voltage Range(A)	14-35 15-39										

AT KOREA SKILLS COMPETITION 2013-2016(48-51th)
OFFICIALLY DESIGNATED WELDING MACHINE



Excellent Products Mark



K-Mark Certificate (PEI)2015-24(3)



AC TIG/DC TIG	CO ₂ MAG/MIG	MMA STICK

SAVED 4 FACTORS

Time Welding event overtime at 47th : 8hours(used 3 machines) 48-51th : on time- less than 2hours (used HYWEL-350A)	Cost Machines used at KOREA SKILLS COMPETITION 47th : used 3 machines (ARC/TIG/CO2) 48-51th : used HYWEL-350A
Space 3 booths necessary (past) >>> 1 booth enough (HYWEL-350A)	Line Labor line Saved as using 1 machine (Three welding machines abstracted as one machine)