

# DC INVERTER MIG WELDING MACHINES



## FEATURES

- Inverter IGBT technology, reliable and efficient.
- Energy saving and strong ability in adapting wide power grid.
- Easy ignition, low spatter and high deposition rate.
- Excellent weld, less thermal deformation especially for thin plate welding.
- Suitable for all-round welding of carbon steel, low-alloy steel and tool steel etc.

## TECHNICAL PARAMETER

MODEL		MIG-200E	MIG-355E	MIG-500E	NBM-500 (DOUBLE-PULSED)
Input Voltage		1PH 240V 50/60Hz	3PH 415V 50/60Hz	3PH 415V 50/60Hz	3PH 415V 50/60Hz
Rated Input Current	A	—	22.7	41	38.3
Rated Input Capacity	KVA	7.4	15	27	25.3
No - Load Voltage	V	50	70	71	71
Rated Output Voltage	V	—	32	39	39
Output Voltage Range	V	15.5-24	15-35	16-45	14-45
Output Current Range	A	30-200	60-350	80-500	50-500
Wire Feed Rate	M/min	—	2-25	2-25	2-25
Wire Diameter	mm	—	0.8/1.0	1.0/1.2/1.6	1.0/1.2/1.6
Wire Feeding Method		—	Push type wire feeder	Push type wire feeder	Push type wire feeder
Duty Cycle	%	60	60	60	60
Efficiency	%	85	85	85	85
Power Factor	Cos Ø	0.76	0.9	0.9	0.93
Insulation Class		F	F	F	F
Protection Class		IP23	IP21S	IP21S	IP21S
Gross Weight	KG	31	33	38	92.5
Dimension	mm	510 x 270 x 500	490 x 300 x 390	600 x 300 x 590	1070 x 530 x 1320

## SERVICE CENTER

### TTMC WELDING SUPPLIES SDN BHD

No.3, Jalan PTP 1/4,  
Taman Perindustrian Tasik Perdana,  
47120 Puchong, Selangor, Malaysia.  
Tel : 03-8060 6131 Fax : 03-8060 6639  
Email: [derrick@ttmcwelding.com](mailto:derrick@ttmcwelding.com)

### TTMC SDN BHD

No.3, Jalan Perdagangan 11,  
Taman Universiti Industrial Park,  
81300 Skudai, Johor, Malaysia.  
Tel : 07-520 2093 Fax : 07-520 2016  
Email: [ttmclim@ttmcwelding.com](mailto:ttmclim@ttmcwelding.com)

### Branch

No.21, Jalan Mutiara Emas 7/7,  
Taman Mount Austin,  
81100 Johor Bahru, Johor, Malaysia.