



# VT SERIES POTENZA



SPECIFICATION		VT-170i	VT-200i	VT-320i	VT-500i
INPUT POWER SUPPLY		220V ±20%, 1P 50-60HZ		380V ±15%, 3P 50-60HZ	
INSTALLED POWER	KVA	4.6	5.6	12	15
FUSE (DELAYED ACTION)	A	16	16	20	22
POWER FACTOR MAX	V	0.997	0.997	0.8	0.8
NO LOAD VOLTAGE	V	62			
WELDING CURRENT RANGE	A	5-170	5-200	5-320	5-500
DUTY CYCLE AT 40 ° C		60%			
PROTECTION CLASS		IP23S			
INSULATION CLASS		F			
PULSE WIDTH		0.1-1.0sec			
PULSE FREQUENCY		0.5-500Hz			
PARAMETER MEMORY BLOCK		9			
PRE-FLOW / POST-FLOW		0.1-9.9sec / 0.1-25sec			
DIMENSIONS	MM	390x130x280	390x130x280	490x240x470	490x240x470
WEIGHT	KG.	8.9	10	23	25
UP-SLOPE/DOWN-SLOPE TIME	SEC	0-10	0-10	0-10	0-10
ANOTHER FUNCTION		2T/4T, I/Hot 0-2s, Full Pulse Function, Arc Force 100%, Memory, Gas Test			

**-\$-Free-\$**

Complete Set :-



*All the technical data can be modified without advance notice.*

\* PFC = Power Factor Correction

- Inverter Digital Technology PFC\* Circuit
- Microprocessor-controlled for TIG and MMA welding in direct current.
- Possibility of HF striking.
- Cooling fan with thermostatic protection
- Generator Friendly - Generator must be minimum of 5KVA and fitted with AVR (auto voltage regulation)
- 1 Years Warrantee free of charge

\* PFC = Power Factor Correction



### Contact Us:

### Craft Skill Co.,Ltd.

You need help? Please f3ll free to call us :

Tel. : +66 2 894 1750 (30 Auto.Lines)

Email : [sales@craft-skill.com](mailto:sales@craft-skill.com)

Website : <http://www.craft-skill.com>

<http://www.craftskill.co.th>

## POTENZA SERIES

VT-170i > VT-200i > VT-320i > VT-500i

## DC TIG/MMA WITH PULSE INVERTER SUPERLATIVE

The wave shape of the current drawn from the mains is made sinusoidal by the PFC device with a consequent total lack of harmonic disturbances in the mains and consumption optimization, which enables to utilize the power source at full range on a 16A fuse. The PFC circuit gives the machine a wider protection against mains voltage fluctuations, by also making it safer whenever being operated by power generator sets.

### FEATURES :

- New Technology with PFC (Power Factor Correction) gives lower running costs and higher energy efficiency, cleans noisy power supplies & is 100% generator friendly (Minimum size : 8KVA).
- Digital control panel - designed for easy use :- Control all parameters from a single button, Easy start and finish set-up, Store up to 10 jobs memory.
- Intelligent protection against over voltage/under voltage/over current and over heating.



- Precise and efficient TIG arc striking by high frequency with automatic function, IGBT and PFC\* technology.
- Possibility of hf or lift striking / arc force.
- Dual LED displays for preset and actual amperage. Digital control of all the welding parameters with the possibility of storing. Adjustment via one knob.
- Low Starting amperage.
- Standard equipped with pulse mode integrated into the control with available "EASY PULSE" facility
- Automatic Function 2T/4T and slope up/down, Gas preflow and post flow, Digital control/Digital display, Pulse frequency adjustable welding can help welder for the best job.
- Extremely flexible use for welding materials such as : steel, stainless steel, iron, titanium, copper and nickel.