

## THYRISTOR AUTO THY-350/500

- Especially suitable for metallurgy, shipbuilding, heavy machinery, steel structure, etc.
- Realizing heavy current, thick wire and high-speed welding thanks to long duty cycle.
- Fine control of current and voltage welding.
- Low spatter. Soft arc start. Energy saving.
- Stable voltage circuit included.
- Crater-fill function included control.
- Integrated adjustment system.
- Wire net protection to prevent pest destruction.
- Wire feeder with built-in remote controlled.



Parameter	Unit	THY-350	THY-500
Rated Primary Voltage	V	415±10%	415±10%
Power Source Frequency	Hz	50 / 60	50 / 60
Rated Primary Input	KVA	18	32
No Load Voltage	V	52	64
Rated Working Voltage Range	V	17 - 35	19 - 45
Rated Working Current Range	A	70 - 350	100 - 500
Rated Duty Cycle	60%	350A	500A
Rated Duty Cycle	100%	271A	387A
Overall Dimensions	mm	675 x 436 x 762	675 x 436 x 762
Weight	Kg	139	176

Model	Unit	Feeder	Feeder
Rated Output Current	A	350	500
Wire Size	mmØ	0.8 , 1.0 , 1..2	1.0 , 1.2 , 1.6
Wire Speed	m/min	1.5 - 15	1.5 - 15
Feeding Motor	W	75	75
Solenoid Valve	VDC	24	24
Overall Dimensions	mm	460 x 200 x 280	460 x 200 x 280
Weight	Kg	9	9