



Auto K 400 / 600

Thyristorised Power Sources for MIG / MAG Welding

- Heavy-duty thyristorised welding power sources for high quality manual or mechanized MIG/MAG welding output.
- Hex phase rectification gives almost ripple free welding output free from spatter.
- Stick-out control eliminates demand for operator's skill.
- Fresh Tip Treatment (FTT) control eliminates formation of globules at the wire tip during weld stop condition.
- Fresh Arc Start (FAS) control instantaneously enhances the arc-striking rate for better arc striking.
- Self hold circuitry with crater control module.
- Pre-flow of shielding gas with burn-back control for optimum utilizations.
- An ideal choice for MIG/MAG welding application with enhanced productivity and quality.



Technical Data	Auto K 400	Auto K 600
Power Source		
Mains supply, Ph x V, Hz	3 x 415±10%, 50	3 x 415±10%, 50
Open circuit voltage, VDC (Max)	55	68
Welding current range, A	60 - 400	60 - 600
Output at 60% duty cycle, A	400	600
Output at 100% duty cycle, A	310	470
Adjustment of welding current	Stepless	Stepless
Remote current regulator type	RCU-AUTO K 400	RCU-AUTO K 400
Type of cooling	Forced Air	Forced Air
Dimensions, l x w x h, mm	675 x 350 x 690	617 x 455 x 850
Weight, Kg	122	160
Wire Feeder	Servo - I	Servo - II
Drive system	DC motor	DC motor
Speed control	Stepless	Stepless
Wire feed mechanism	Double roll quick changeover type	Double roll quick changeover type
Length, m (Standard)	5	5
Length, m (Optional)	10 / 15 / 20	10 / 15 / 20 / 30
Wire feed speed, m/min	1.5 - 19 m/min	1.5 - 19 m/min
Wire diameter, mm / type	0.8 - 1.2	0.8 - 1.6
Weight, Kg	7	9