

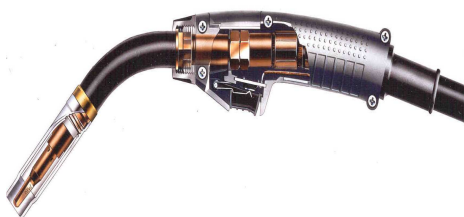
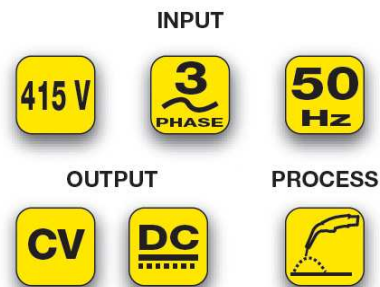
# Auto K 400 / 600

## Thyristorised Power Sources for MIG / MAG Welding

*Auto K 400 / 600 is one of the proven equipments for semi-automatic and mechanized welding applications on account of its excellent arc stability and smooth welding. Servo wire feeder with remote pendant and PSF range of torches enhances the performance.*

### Salient Features

- Digital V/A Meters.
- Fully thyristorised hex phase control.
- Stick out control.
- Crater control.
- Fresh Tip Treatment (FTT) eliminates globule formation at the wire tip during weld stop.
- Quick Arc Start.
- Gas pre-flow setting.
- Choice of CO<sub>2</sub> or Argon Mix.
- Self Hold ON function.
- Servo feeder with quick changeover mechanism.
- 4 roll drive option.
- Suitable for solid and flux cored wires.
- Separable remote control.



Specially engineered torch and components for outstanding welding performance and longer operational life

### MIG Torches

- PSF range of proven torches.
- Available in 3 or 4.5m lengths.
- Ergonomically designed.
- Light weight, durable and long life.

- Digital VA Meter
- Self Hold ON/OFF
- Crater Control
- CO<sub>2</sub>, Argon Mix and many more . . .



- Built-in wire straightening .

POWER SOURCE	AUTO K 400	AUTO K 600
Mains supply, Ph x V, Hz	3 x 415, 50	3 x 415, 50
Open circuit voltage, V DC (Max)	53	64
Welding current range, A	60 – 400	60 – 600
Welding current at 60% duty cycle, A	400	600
Welding current at 100% duty cycle, A	310	470
Type of Welding Voltage/Current Regulator	YES	YES
Insulation class	H	H
Type of cooling	Forced Air	Forced Air
Dimensions, l x w x h, mm	685 x 360 x 755	675 x 455 x 850
Weight, Kg	121	160

WIRE FEEDER	SERVO-I	SERVO-II
Drive system	DC motor	DC motor
Speed control	Stepless	Stepless
Feed mechanism	2 Roll (optional 4 roll) quick changeover type	
Wire feed speed, m/min	1 – 16	1 – 16
Wire diameter, mm	0.8 – 1.2	0.8 – 1.6
Wire type	MS / AI / FC	MS / AI / FC
Weight, Kg	7	9


ORDERING INFORMATION	AUTO K 400 SERVO – I	AUTO K 600 SERVO – II
Power Source	4650685000	4650684000
Wire Feeder, 5m, 2-Roll	4650687010	4650687610
Wire Feeder, 5m, 4-Roll	4650687000	4650687600
MIG Torch, PSF 405 3m	4650692920	--
MIG Torch, PSF 405 4.5m	4650692921	--
MIG Torch, PSF 505 3m	--	4650692922
MIG Torch, PSF 505 4.5m	--	4650692923
Regulator Dura CO <sub>2</sub>	4650193002	4650193002
Regulator ICO 32B	4330193100	4330193100
CO <sub>2</sub> Heater 110V	1651689045	1651689045
Regulator Dura Argon	4650193001	4650193001
Regulator IAR 52B	4330196320	4330196320

*Servo – I has 0.8 / 1.2 mm and Servo – II has 1.2 / 1.6 mm rollers along with 5mtr interconnection as standard, other lengths of interconnection optional.*



**Quality accessories for the quality welder**  
 ESAB offers a wide range of accessories. The complete range, along with product information, is available at our local web-sites, look at [www.esab.com](http://www.esab.com) or contact your local ESAB dealer.

ESAB is certified according to ISO 9001



The ESAB group is certified according to ISO 14001 & OHSAS 18001

**ESAB INDIA LIMITED**  
 Registered and Head Office: 13, Industrial Estate, III Main Road, Ambattur, Chennai - 600058. Tel : 044-42281100 Fax : 044-42281150  
 Equipment Factories: Taratala, Kolkata and Irungattukottai, Chennai  
 Divisional Sales: Email: [equipment.sales@esab.co.in](mailto:equipment.sales@esab.co.in)

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| <p><b>Eastern Regional Office</b><br/>         P41 Taratala Road<br/>         Kolkata 700098<br/>         Tel : (033) 2401 9671<br/>         Fax : (033) 2401 4427<br/>         Email : <a href="mailto:eqptsales.er@esab.co.in">eqptsales.er@esab.co.in</a></p> | <p><b>Western Regional Office</b><br/>         501/502, 5th Floor, Sagar Tech-B<br/>         Andheri Kurfa Road, Saki Naka<br/>         Andheri East, Mumbai 400072<br/>         Tel : (022) 2851 7386<br/>         Fax : (022) 2852 4974<br/>         Email : <a href="mailto:eqptsales.wr@esab.co.in">eqptsales.wr@esab.co.in</a></p> | <p><b>Northern Regional Office</b><br/>         71/1 Najafgarh Road<br/>         New Delhi 110015<br/>         Tel : (011) 4142 7091<br/>         Fax : (011) 4142 7099<br/>         Email : <a href="mailto:eqptsales.nr@esab.co.in">eqptsales.nr@esab.co.in</a></p> | <p><b>Southern Regional Office</b><br/>         Karamuttu Centre, 6th Floor<br/>         New No. 634, Anna Salai<br/>         Nandanam, Chennai 600035<br/>         Tel : (044) 4295 7894 95<br/>         Fax : (044) 4295 7889<br/>         Email : <a href="mailto:eqptsales.sr@esab.co.in">eqptsales.sr@esab.co.in</a></p> | <p><b>Central Regional Office</b><br/>         No. 218, Ashinrad<br/>         South Ambazari Road<br/>         Bajaj Nagar, Nagpur 440010<br/>         Tel : (0712) 222 9547 / 48<br/>         Fax : (0712) 222 9549<br/>         Email : <a href="mailto:eqptsales.cr@esab.co.in">eqptsales.cr@esab.co.in</a></p> |
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