



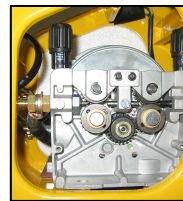
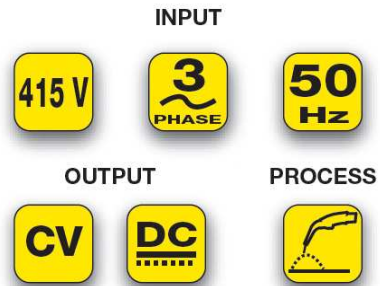
Auto K 400/600 Synergic

Thyristorised Power Source for MIG / MAG Welding

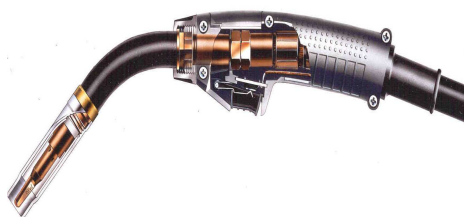
Auto K 400/600 Synergic is from the proven Auto K family of equipments for semi-automatic and mechanized welding applications. Synergic range of MIG/MAG machines are very useful for medium and heavy fabrication industries.

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 CO₂ 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.



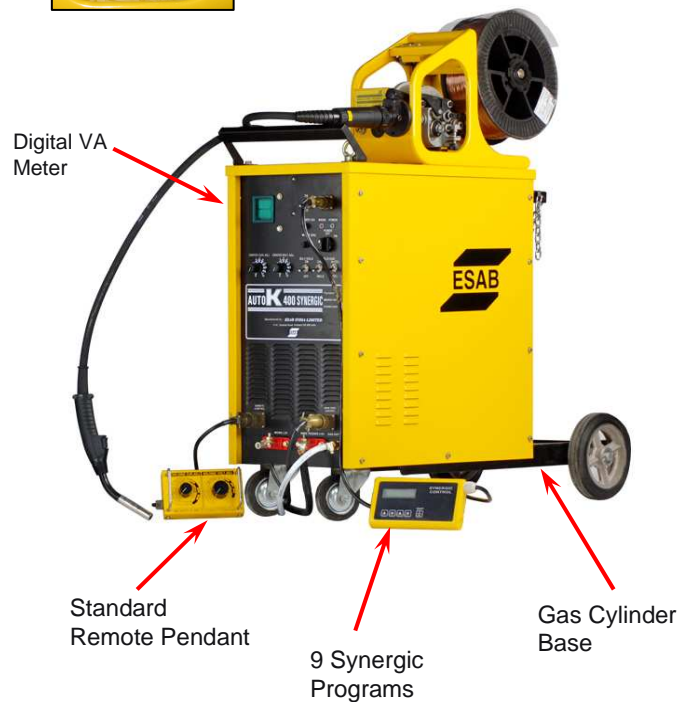
Standard 2 Roll Drive
Optional 4 Roll Drive



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.



Wire	Wire Dia (mm)	Gas
Fe	0.8 / 1.2 / 1.6	CO ₂
SS	0.8 / 1.2 / 1.6	Argon Mix
Al	0.9 / 1.2 / 1.6	Argon

POWER SOURCE	AUTO K 400 SYNERGIC	AUTO K 600 SYNERGIC
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
Remote control for welding voltage/current	YES	YES
Synergic pendant	YES	YES
Job memories	9	9
Insulation class	H	H
Type of cooling	Forced Air	Forced Air
Dimensions, l x w x h, mm	945 X 470 X 815	675 x 455 x 850
Weight, Kg	142	180

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	2 Roll (optional 4 roll) quick changeover type
Wire feed speed, m/min	1 – 16	1 – 16
Roller groove, mm	0.8 / 1.2 (Standard), 1.6 (Optional)	1.2 / 1.6 (Standard), 0.8 (Optional)
Wire type	MS / AI / FC	MS / AI / FC
Weight, Kg	7	9

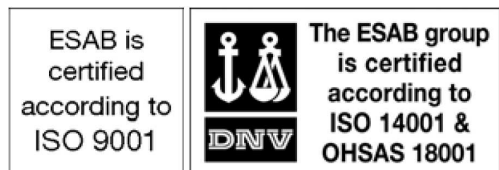
ORDERING INFORMATION	AUTO K 400 SYNERGIC	AUTO K 600 SYNERGIC
Power Source	4650682000	4650682600
Wire Feeder, 5m, 2-Roll (Standard)	4650687010	4650687610
Wire Feeder, 5m, 4-Roll (Recommended)	4650687000	4650687600
MIG Torch, PSF 405/505 3m	4650692920	4650692922
MIG Torch, PSF 405/505 4.5m	4650692921	4650692923
Regulator Dura CO ₂	4650193002	4650193002
Regulator ICO 32B	4330193100	4330193100
CO ₂ Heater 110V	1651689045	1651689045
Regulator Dura Argon	4650193001	4650193001
Regulator IAR 52B	4330196320	4330196320

Servo-feeders have 5mtr interconnection as standard; other lengths of interconnection are 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 or contact your local ESAB dealer.



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