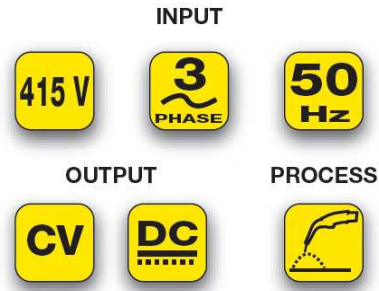


# SCR 400(S) / 500 (S)

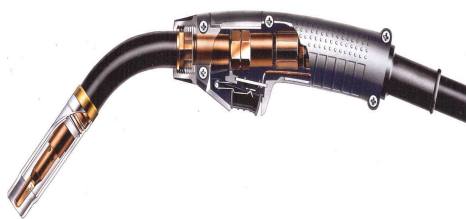
**MIG / MAG Welding Power Sources for Shipyards**

*SCR400(S)/500(S) are heavy-duty welding equipments specially designed to meet the requirements of welding applications in the shipyards for semiautomatic 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

- Tough machine for shipyards.
- Smooth welding and minimum spatter.
- Clean tip ensures smooth arc striking.
- Selector switch for CO<sub>2</sub> or Mixtures.
- 2 / 4 stroke selection.
- Crater control facility.
- Lightweight Servo feeder.
- Wire feeder interconnection possible up to 50m.
- Suitable for Solid / AI / FC wire.
- Available with 4-roll drive option.



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.



POWER SOURCE	SCR 400(S)	SCR 500(S)
Mains supply, Ph x V, Hz	3 x 415, 50	3 x 415, 50
Open circuit voltage, V DC (Max)	55	59
Welding current range, A	60 – 400	60 – 500
Welding current at 100% duty cycle, A	400	400 (500 @60%)
Remote Control for Welding Voltage/Current	Yes	Yes
Insulation class	H	H
Dimensions, l x w x h, mm	710 x 435 x 760	710 x 435 x 760
Weight, Kg	150	154

WIRE FEEDER	SERVO-I	SERVO-II
Drive system	DC motor	DC motor
Speed control	Stepless	Stepless
Feed mechanism	Standard 2-roll quick changeover type Optional 4-roll quick changeover type	Standard 2-roll quick changeover type Optional 4-roll quick changeover type
Wire feed speed, m/min	1 – 22	1 – 22
Wire diameter, mm	0.8 – 1.6	0.8 – 1.6
Wire type	MS / AI / FC	MS / AI / FC
Weight, Kg	9	9

### ORDERING INFORMATION


Power Source	4650683000	4650683000
Wire Feeder, 5m, 2-Roll	4650687010	4650687610
Wire Feeder, 5m, 4-Roll	4650687000	4650687000
MIG Torch, PSF 405/505 3m	4650692920	4650692922
MIG Torch, PSF 405/505 4.5m	4650692921	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 Wire Feeder is delivered with 5mtr length of interconnection and 0.8 / 1.2 mm Feed Rollers suitable for MS wire as standard, other lengths of interconnection are optional. Servo-II has 1.2/1.6 mm rolls as standard



#### 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	 <p>The ESAB group is certified according to ISO 14001 &amp; OHSAS 18001</p>
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