

EAC 10

Designed to keep you in control



EAC 10 controller

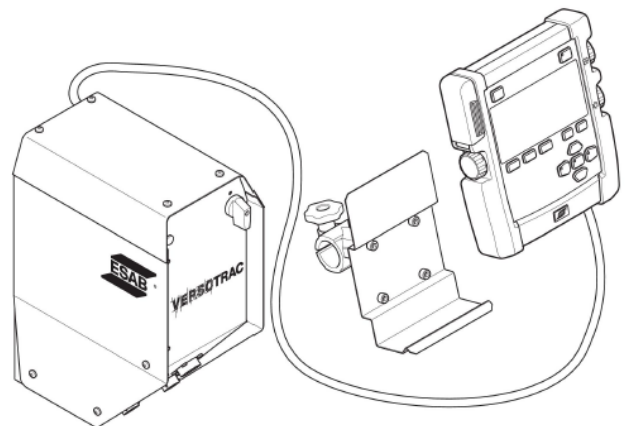
The EAC 10 controller is designed to keep you in control of the welding. The controller has all the functionality needed for controlling a welding power source, welding head and the travel motion which makes it ideal for any light automation or tractor application.

- Intuitive user interface with real-time heat input keeping you in control of the weld
- Detachable remote control interface lets you control the system from a comfortable position
- The automatic weld head detection and setup lets you change between SAW, GMAW and gouging in no time
- Digital and analogue interface to the power source – works with all current ESAB SAW power sources as well as most analogue power sources on the market including older LAF models
- Closed loop encoder based control system for precise wire feed and travel speed control

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Industry

- Bridge Construction
- Marine and Offshore
- Metal Beam Fabrication
- Pressure Vessels
- Ship and Offshore Yards
- Ship/Barge Building
- Structural Steel Fabrication
- Tank and Vessel Fabrication
- Windtower



EAC 10 controller with motor drive unit, mounting bracket and control cable included

Specifications	
Supply Voltage	60 V DC or 42 V AC, 50/60 Hz
Input Power	max 900 VA
Connection type to power source	Burndy 12 p
Inputs	For connection of sensors or limit switches
Motor Drive	Connection of two motors, 6A continuous, max 10A
Valve Output	1 pc, 42
Enclosure Class	IP23
Operating Temperature	-10 to +40 °C (+14 to +104 °F)
Relative Humidity	Max 95%
Welding Speed	0.1 – 2.0 m/min (4 – 78 ipm)
Wire Feed Speed	0.3 - 25 m/min (12 – 984 ipm)
Dimensions LxWxH, complete unit	275 x 300 x 165 mm (10.8 x 11.8 x 6.5 in.)
Dimensions LxWxH, pendant only	245 x 225 x 50 mm (9.7 x 8.9 x 2.0 in.)
Weight, complete unit	6.8 kg (15.0 lbs)
Weight, pendant only	1.25 kg (2.8 lbs)

Ordering Information	
EAC 10 Controller	0446225880
Options & Accessories	
Versoarc EHW 1000 (SAW) Welding Head	0904520880
Versoarc EHW 1000 (SAW twin high speed) Welding Head	0904520884
Versoarc EHW 600 (GMAW) Welding Head	0904520885
Welding Power Source Interface 115 VAC, CE	0446180880
Welding Power Source Interface 230 VAC, CE	0446180881
USB Memory Stick, 2 GB	0462062001

Ordering Information – Control Cables							
	5 m (16 ft)	15 m (49 ft)	25 m (82 ft)	35 m (115 ft)	50 m (164 ft)	75 m (246 ft)	100 m (328 ft)
Digital Control Cable	0460910880	0460910881	0460910882	0460910883	0460910884	0460910885	0460910886
Digital Control Cable + Workpiece Voltage Reference Brush	0446146880	0446146881	0446146882	0446146883	0446146884	0446146885	-
ESAB Analogue Control Cable		0446179880	0446179881	0446179882	0446179883	0446179884	0446179885

For more information on control cables for Welding Power Source Interface please see separate fact sheet or manual.



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