



AWS3 Servo Motorised

The AWS3 Servo Motorised version combines the IS-Q inverter power supply with our FM motorised weld heads, motorised weld pincers or compacting units, all in one unique system. It offers high stiffness, exact position control of the electrode and can handle high speeds.

The basic version includes static monitoring, Ethernet communication, force and speed control, force or displacement measurement and has remote service capabilities. The combination of these essential elements has turned the AWS3 Servo Motorised into a premium system that enables parameters to be set quickly and precisely.

The AWS3 Servo Motorised advanced version has additional dynamic process monitoring and offers graphical waveform, SPC, and CAN open, profibus or Ethernet/IP options.

Key features AWS3 - Servo Motorised

- > High stiffness
- > High speed
- > Electrode impact sensitivity
- > Electrode position control
- > Cleanroom-proof
- > User-friendly operating panel with single knob push/turn operation or touch screen

Specifications AWS3 Servo Motorised

Criteria	AWS3 servo motorised - Basic	AWS3 servo motorised - Advanced
Features	.	
Graphical waveform	X	
SPC	X	
Process monitoring	static	static, dynamic
Data logging	X	
Communication	.	
Digital I/O	X	X
RS 232	X	X
Ethernet TCP/IP	X	X
Modbus TCP	X	
Profibus or Ethernet IP	Optional	
Control		
Two separate weld heads	Second motor control required	Second motor control required
Dual weld head series, step	Second motor control required	Second motor control required
Force control	X	X
Force monitoring	X	X
Displacement monitoring	X	X
Hardware	.	
Operating panel	Operating panel AWS3 or Touch screen AWS3	Operating panel AWS3 or Touch screen AWS3
Motor control	FM-NC-AWS3	FM-NC-AWS3
Weld heads	FM-025A, FM-060A, newhorizon™ servo motorised weld heads FM-400A, FM-800A	FM-025A, FM-060A, newhorizon™ servo motorised weld heads FM-400A, FM-800A
Weld pincers	newhorizon™ weld pincers FM-400-Z or FM-800-Z	newhorizon™ weld pincers FM-400-Z or FM-800-Z
Compacting modules	C16, C25 and C70	C16, C25 and C70
Welding control DC	IS-Q Series	IS-Q Series
Welding control AC	IS-Q Series	IS-Q Series

Product applications AWS3 Servo Motorised



Electronics



Electronics



Medical engineering



Automotive



Automotive



Automotive

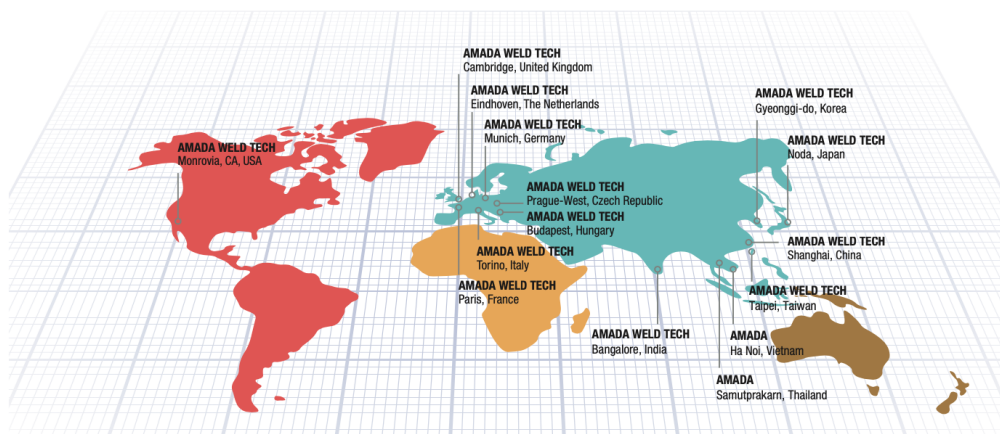
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OUR TECHNOLOGIES



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