



PA-P200A Percussive Arc Power Supply (formerly known as PAW-200)

The PA-P200A is a 200 amp percussive arc linear TIG welding power supply that is based on our PA-H programmable TIG range. These units incorporate additional power electronics, interfacing and software to facilitate highly controlled percussive arc processes to be performed with a high degree of process control, monitoring and checking. Ideal for on axis stranded wire to pin terminations.

Full programmatic control of the specially designed low inertia percussive weld head facilitates an intuitive visual correlation and means of adjustment between the controlled arc and the weld head flight time. Built-in window tolerancing allows process repeatable characteristics to be captured and monitored in real time for every joint made, both in the unit and via remote communication channels.

Key Features PA-P200A Percussive Arc Power Supply

- > Intuitive colour touch screen with graphical weld and solenoid tracing
- > Constant current arc control to within 1% accuracy
- > Fully adjustable head power, flight and relative arc timings
- > Fully programmable process windowing with trend analysis
- > Fast servo loop response & short process time < 100ms
- > Isolated RS232 port for PC or PLC programming
- > Isolated I/O port (37 way D type) Including trigger
- > faults - Automation Interface
- > Internal programmable 50V percussive head drive

Specifications PA-P200A Percussive Arc Power Supply (formerly known as PAW-200)

Model	PA-P200A
Maximum Output Current	200 Amps DC Peak
Duty cycle	0.75%@150A
Open circuit voltage	80V D.C.
Arc starting voltage	12KV
Head drive	Programmable to 50VDC Max - 2A Non continuous
Mains supply 50/60Hz	115VAC +/-15% or 230VAC +/- 15%
Up slope time (0.1 ms steps)	0.1 - 9.9 ms
Peak weld time (0.1 ms steps)	0.1 - 9.9 ms
Down slope time (0.1 ms steps)	0.1 - 9.9 ms
Dwell time	10 - 99 ms
Cooling (overheat protected)	Fan
Gas pre / post purge timing	Programmable
Dimensions (D x W x H)	490 x 270 x 300mm
Weight	24 kg

Product applications PA-P200A Percussive Arc Power Supply (formerly known as PAW-200)



Butt welding tuses

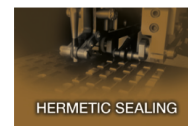


Wire to component pin

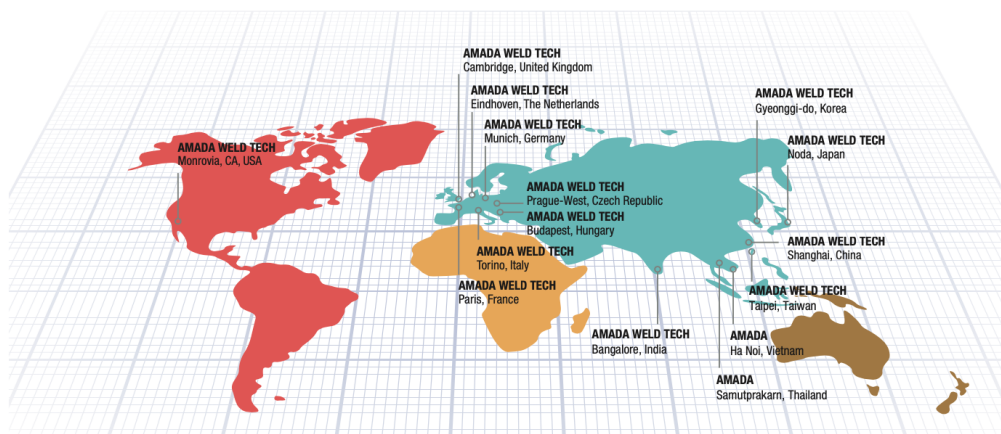
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