

PULSE WELDING
Hi 400P

Excellent premium welding machine for automotive, pipe, thin plate and aluminium welding



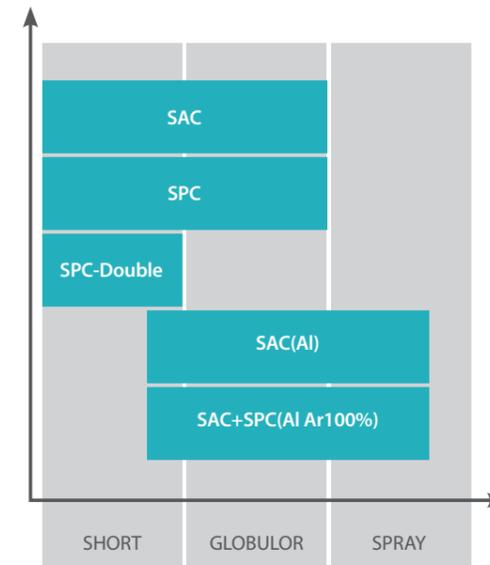
Pulse MIG | SPC | SAC | Synergic | MIG MAG

Package configuration
<ul style="list-style-type: none"> Welding machine Wire feeder Torch 5m (water-cooled) Input cable 5m Single cable 10m Gas hose 3m Earth cable 3m Water cooler
Options
<ul style="list-style-type: none"> Wire feeder (Wire cover type, square box type) Water cooler (other type) Regulator Trolley

Specification	
Rated Input power	400V, 3P, 50/60Hz (±15%)
Rated Output	400A, 36V (60%) / 350A (100%)
Communication	CAN, I/O Contact, Device Net
Welding Method	MAG, MIG, Pulse MIG
Weight	40kg
Dimension	320mm x 580mm x 590mm

- Features**
- ▶ Welding machines for steel and non-ferrous metal sheet welding
 - ▶ Built-in contact (analog, digital) and communication (device net) interface
 - ▶ Low heat input, low spatter welding function via SAC, SPC technique
 - ▶ Built-in Pulse Synthesizer (40, 30 + 10 user-developed synergies)
 - ▶ Excellent gap bridge performance and low spatter
 - ▶ Specialized in reducing the porosity of automotive parts
 - ▶ Convenient user operation

ARC PROCESS



SAC (Surface Arc Control)

Low heat input, low spatter short-circuit transfer control technology (CV+CC, Complex control)
- Carbon Steel
- Pipe root pass welding

SPC (Surface Pulse Control)

Low heat input pulse control technology
- Stainless steel, Nickel, non-ferrous
- SAW low heat input welding technology

SPC-Double

SPC-DOUBLE : exclusive Aluminum
- low heat input and double pulse control technology
- Thin Aluminum plate (3~5mmt)

SAC (AI)

Short circuit transfer control technology for Aluminum rear plate welding
DC control technology (CC)

SAC+SPC (AI)

Short circuit pulse control technology for Aluminum rear plate welding (Ar 100%)

MMI DIGITAL CONTROL

- Wide screen for synergic control
- Synergic add-on via USB port
- Welding sequence interface



GAP BRIDGE PERFORMANCE



[590MPa Zinc Coating Steel 2.3mmt LAP JOINT, Ar+CO₂ (9:1), 180A/16V]

ALUMINUM BLOW HOLE FOR CAR BODY FREE PERFORMANCE



[Al6061 T6 4mmt + A365 T5 4mmt / Al40431.2-, Ar100%, 150A/18V]



[All in one with Trolley]