Next-generation pulse welding for optimal automotive welding

Reference

Wire-Feed-Controlled Pulse

High-quality welding over the entire vehicle body

- Provides optimal penetration and bead width from extremely thin to medium thickness plates; suitable for a wide range of parts
- Reduces spatter by up to 90% compared to conventional processes.

Suitable for wide-ranging work sites

- Supports all wire materials and shielding gases to ensure high welding quality wide-ranging production parts.
- AC mode extends applicability to thin plate parts.

MAG Wire-Feed-Controlled Pulse ϕ1.2 mm mode

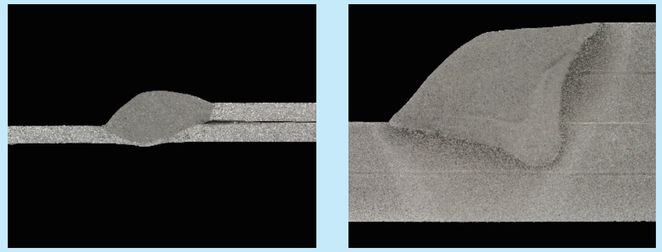
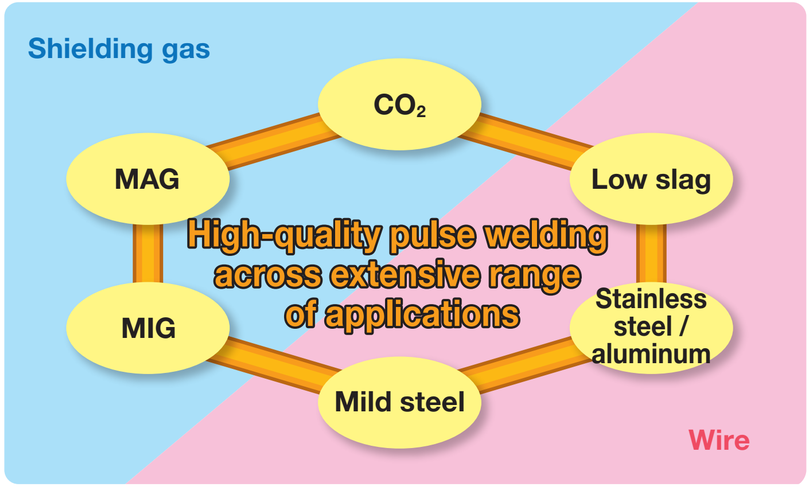


Plate thickness 0.8 mm

Plate thickness 4.5 mm



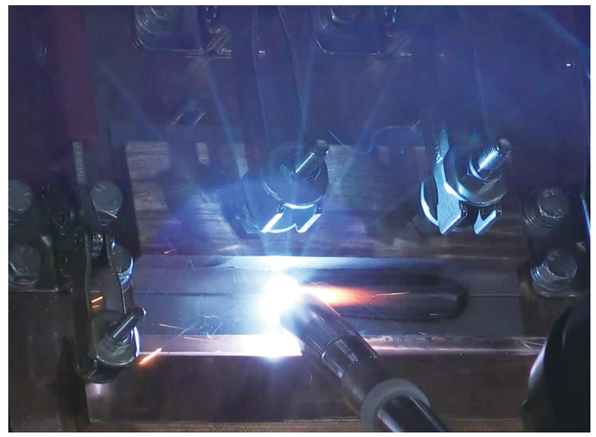
Next-generation pulse welding method ideal for automotive underframe parts

Reference

MAG Wire-Feed-Controlled Pulse

Ultra-low-spatter welding

- Provides ultra-low-spatter welding even for galvanized steel sheet welding using low-slag wire.
- Reduces spatter by up to 90% compared to conventional processes.



Demonstration video

Highly robust, wide bead

- Flat bead appearance with small flank angle
- Ensures deep penetration comparable to regular pulse welding.