

High-quality, Ultra-low Spatter Welding System

DC welding of aluminum

Increasing maximum current

Maximum
300A

- Double the maximum current by Push arc
- Significant improvement in welding speed and applicable plate thickness

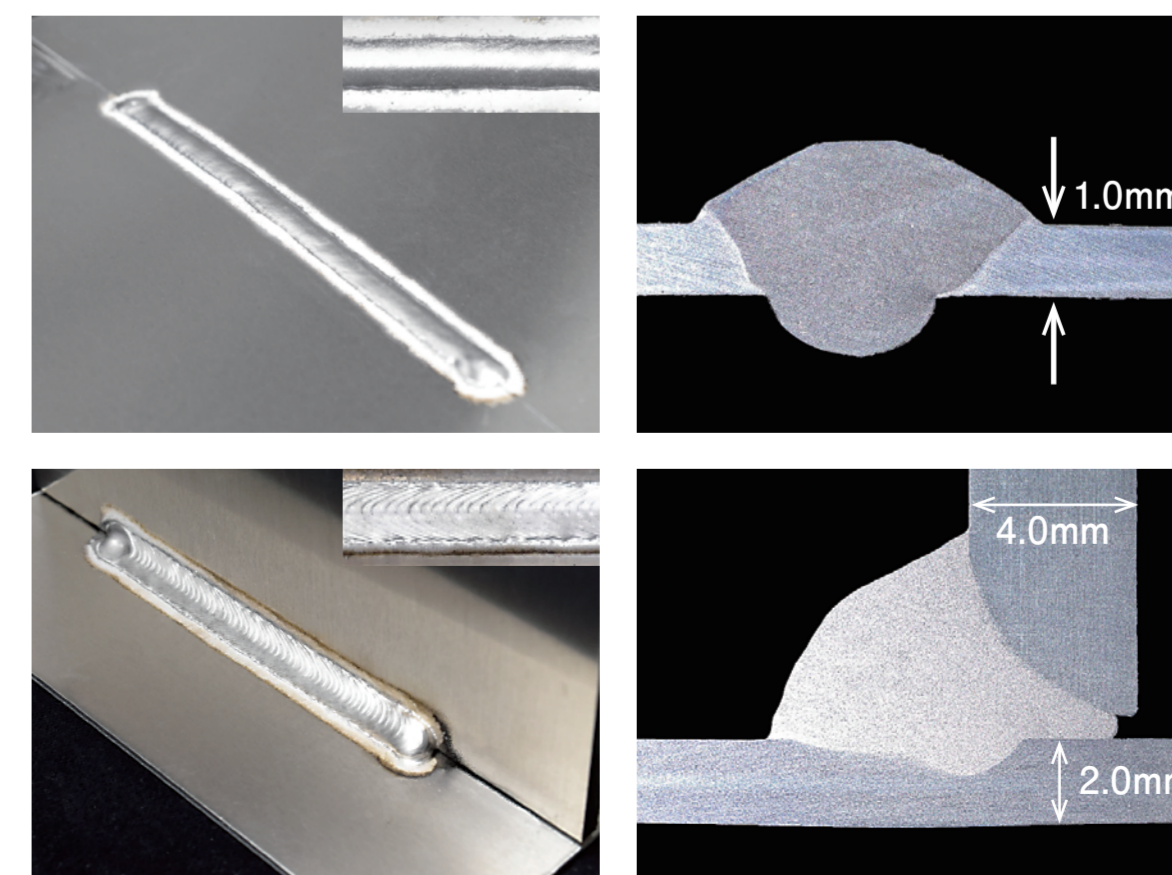
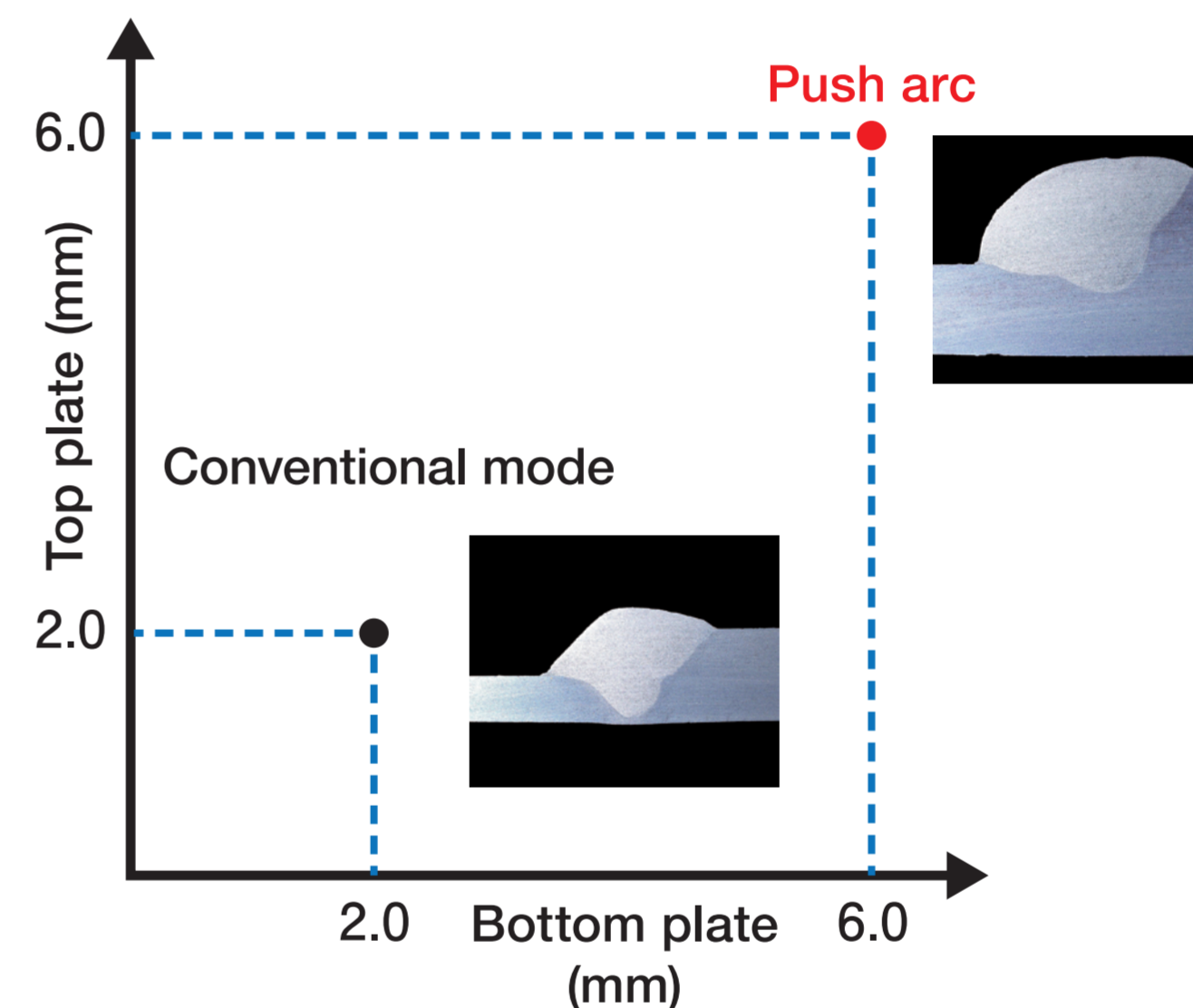
AC welding of aluminum

Extremely low heat input

- Realizes welding of ultra-thin plates without melting down

Gap margin enlarged by high deposition

- Welding with different thickness and gaps easily
- Expanded adaptive range in combination with SynchroFeed pulse



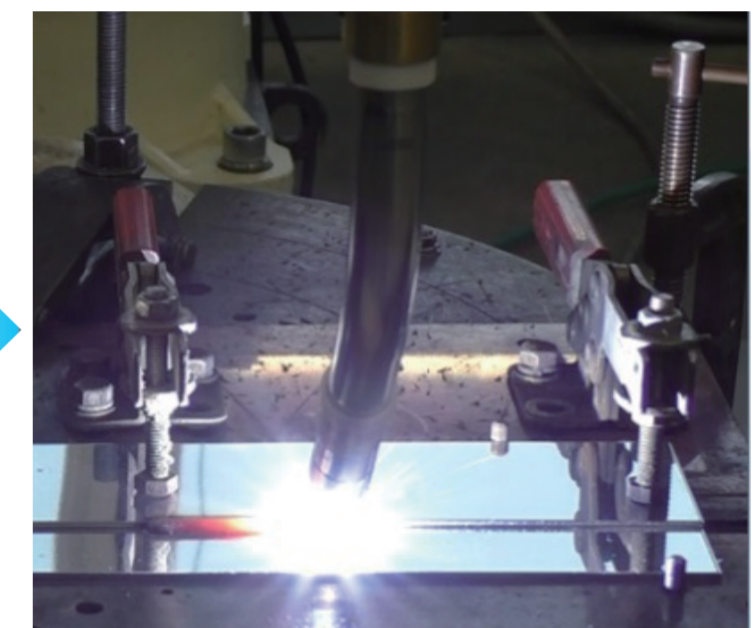
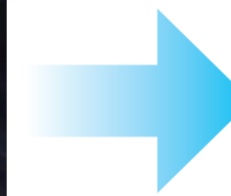
High-quality, Ultra-low Spatter Welding System

Spattering reduced by up to 99%

- High-speed synchronized control of wire feed and welding current waveform
- Elimination of spatter removal process by ultra-low spatter welding



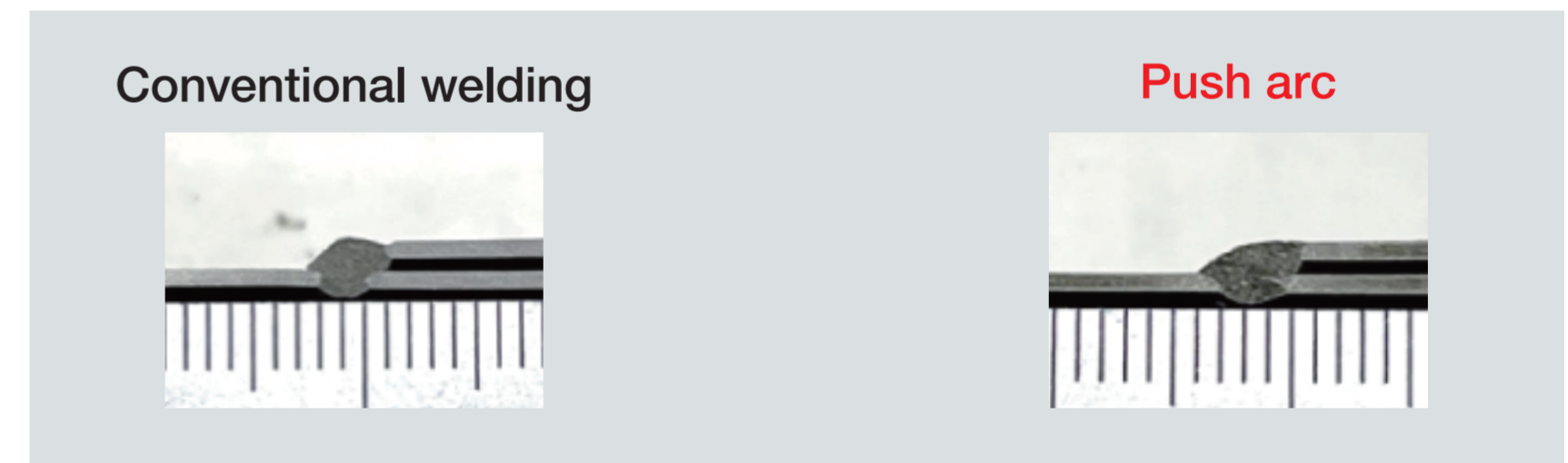
Conventional welding



Push arc

Push arc process

- Flat bead appearance and improved gap tolerance
- Ultra-low spatter even when welding with multiple machines simultaneously



Conventional welding

Push arc

New pull feeder

- Simple and easy connection
- Easy maintenance with automatic cleaning function

