

Ultra Low Spatter Welding System "Synchro-feed"

"Wide Applicability for High Tensile material, Galvanized Steel, Aluminum and Thin/Thick plate Welding"

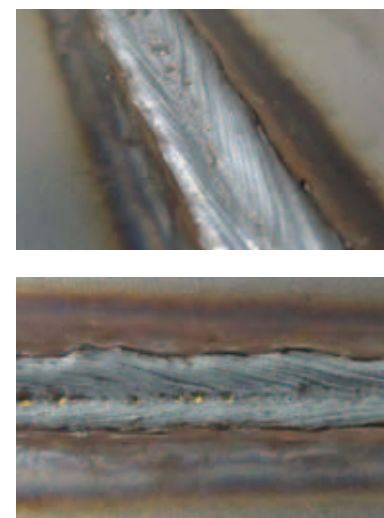
Ultra High Tensile Welding

Realized High Speed, Ultra Low Spatters Welding even if Ultra High Tensile material (1000MPa class)

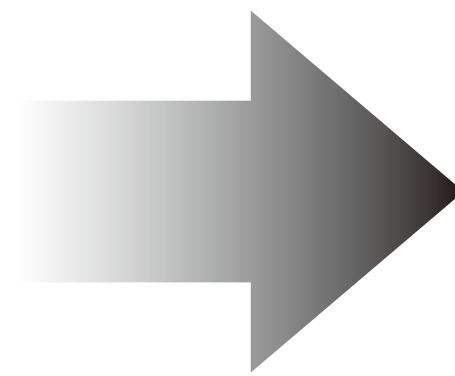
Generated big quantity of Spatters



Conventional Welding



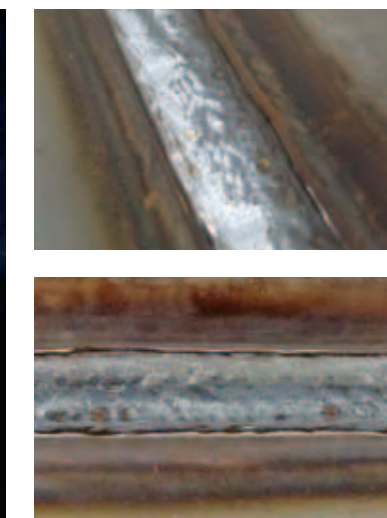
Out view of bead



Ultra Low Spatters



Synchro Feed



Out view of bead

Welding current : **350A**
Welding Voltage: **23.5V**
Welding speed : **250cm/min**

Aluminum Welding NEW

Reducing of Smut by low heating.
Melt down of thin plate will be restrained.

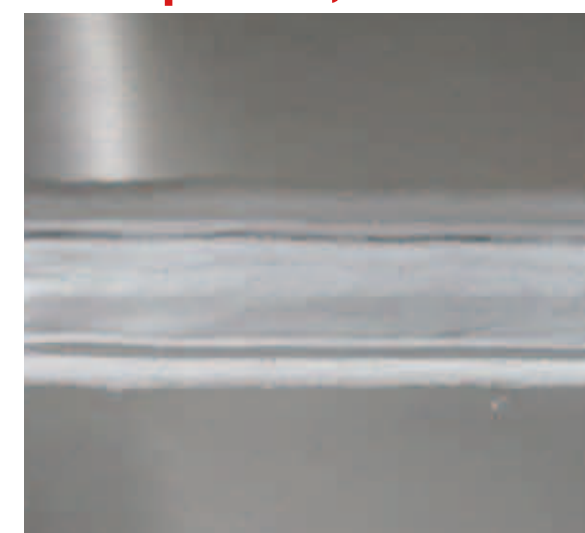
Generated big quantity of Spatters and Smut



Conventional Welding



Low Spatters, Low Smut



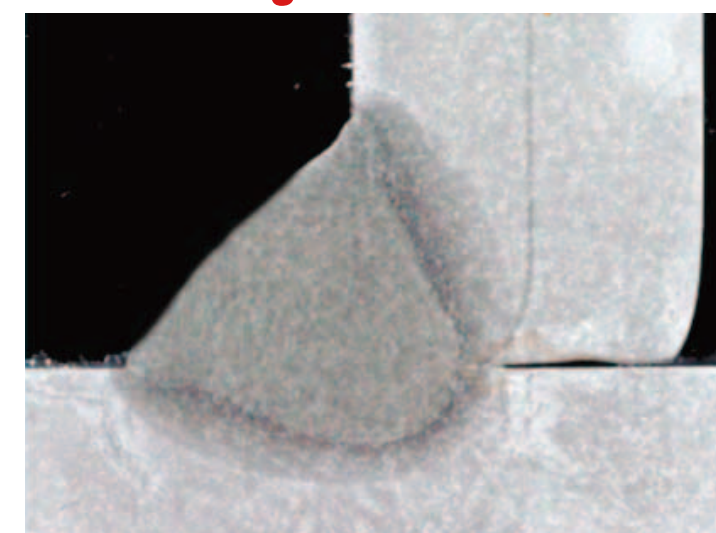
Synchro Feed

Welding current : **100A**
Welding Voltage: **12.0V**
Welding speed : **120cm/min**

Middle / Thick Plate Welding

Upgraded to maximum Welding Current 350A (Duty cycle 100%).

Enough Penetration



Synchro Feed

Thickness: **12mm**

Welding current: **300A**
Welding Voltage: **22.5V**
with weaving