



PROFESSIONAL IN WELDING

HSS

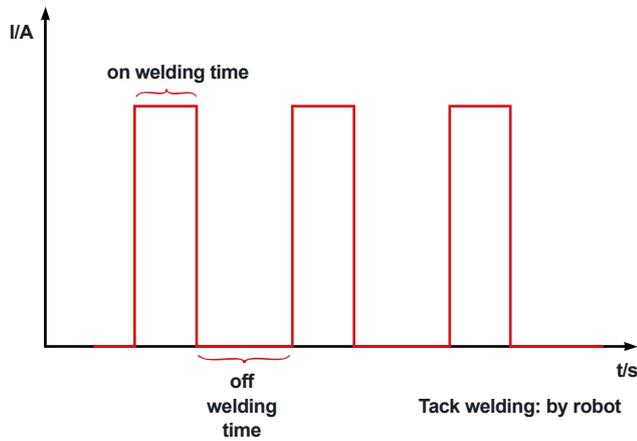
HIGH SPEED SPOT

Fast travel speed | Smaller HAZ | Less rework | Adjustable welding seam



THE HIGH SPEED SPOT PROCESS

HSS is the high speed spot welding, which is perfectly combining the welding process, arc physics, high dynamic power response and powerful motor control technology, short in arc ignition time and arc ending time, a welding spool can be formed swiftly. A spot welding cycle is quickly completed, cycle over and over, by adjusting the time gap with the robot to get the fish scale you wish, weld seam is clear and beautiful.



THE ADVANTAGES

- **Thin-Sheet Applications**

Smaller HAZ; Less distortion.

- **Faster Welding Speed**

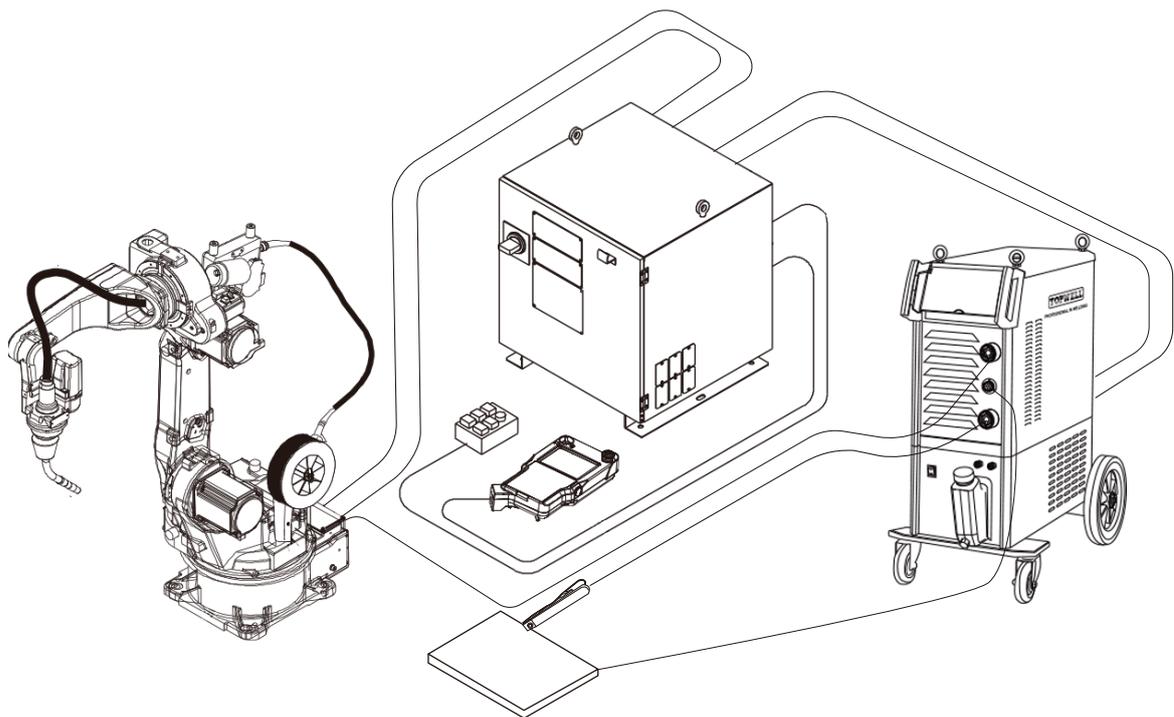
Less rework; Fast travel speed than conventional TIG weld.

- **Good Welding Seam**

By completing the spot welding work in a very short time, burn marks, heat distortion, and sheet separation (sheet lifting) are greatly reduced while maintaining strength.

THE HSS IS DESIGNED FOR WELDING WITH ROBOT OR CARRIAGE

HSS welding with robot or carriage promises the ultra-high efficient welding with freely adjustable weld seam and perfect welding performance. Optional package for robot interface by Analog connectors or Digital ports including EtherNet/IP, DeviceNet, CAN, CANOPEN, RJ485 etc.



THE APPLICATIONS OF HSS

Thin (less than 2mm) pipes or frame/structure welding jobs, like the furnitures etc.



RELATED PRODUCTS



PROMIG 500SYN DPulse

Input Voltage: 3PH ~ 400V \pm 15%
Rated Output (40°C): 500A @ 60%



PROMIG 360SYN DPulse SWF

Input Voltage: 3PH ~ 400V \pm 15%
Rated Output (40°C): 360A @ 60%



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