YASKAWA

MOTOPAC-WL200+

Servo Torch

High quality welding with servo-controlled wire feeder technology

KEY BENEFITS

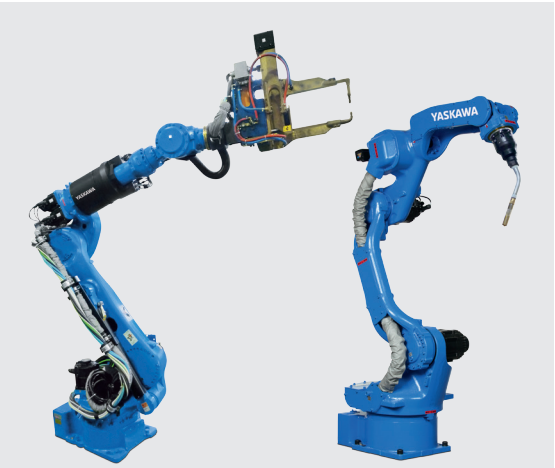
- Ultra low spatter generation
- Greatly improved joint-welding of thin sheet metals
- Penetration secured by original servo technology
- System without additional interference
- High productivity by controlled motor close to the process
- Improved CO2 characteristics enable cost savings by using cheaper shield gas
- Plug & Play solution-package: Robot, controller, teach pendant, power source and servo-torch system
- Programming via Teach Pendant

Filler wire from marathon pack

MOTOMAN robot

Power Source MOTOWELD RL350

Robot-Controller DX200



MOTOMAN MA2010

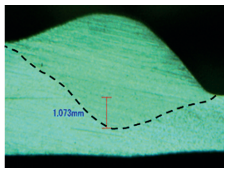
MOTOMAN MA1440

Controlled by DX200

Comparison penetration

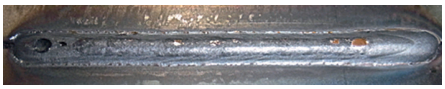
Welding condition:
Welding speed: 80 cm/min
Current: 250 A
Thickness: 2.00 mm

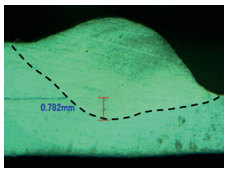
Conventional MAG welding



Depht: 1.073 mm

Servo-controlled MAG welding

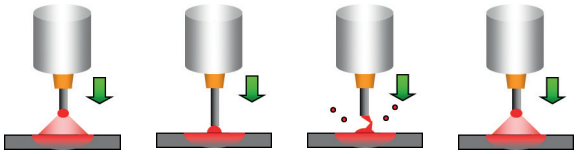




Depth: 0.782 mm

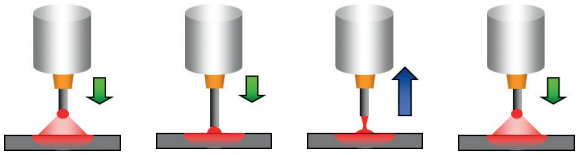
Comparison spatter generation

Conventional short arc welding



Spatter occur

Short arc welding with servo technology



Reduced spatter by reverse rotation

Technical data MOTOPAC-WL200+	
Type of the power source	Power range 350 A / 36 V (60 % DC), air cooled
Type of the wire feeder	Servo controlled
Welding methods	Conventional CO_2/MIG/MAG/Pulse and heat reduced process: Arc control by servo controlled wire feeding
Wire diameter (short and pulse arc welding)	1.2 mm (1.0 mm in preparation)
Wire diameter (servo method)	
Welding material (short and pulse arc welding)	Mild and stainless steel
Welding material (servo method)	
Interface to robot -controller	Ethernet communication 100 % control by robot PP (weldcom function)

TÜV CERT
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