

SPECIFICATIONS

Robot

ARCMAN™ A60



Welding Power Source

SENSARC™ RA500

Positioner

Load Capacity : 33,000lb

Slider

Linear Stroke

>Left-Right : 59.06ft

>Back-Forth : 78.74in

Sensing

Wire touch or Laser



Welding Wire

FAMILIARC™ MX-50R



Code : AWS A5.20 E70T-1C

Diameters : 0.052"

Shielding Gas : 100% CO2

Beam Size

Length : 59.06ft(Max) 13.12ft(Min)

Heigh : 32.75in(Max) 13.78in(Min)

Shape : W30×357(Max) W14×61(Min)

Welding Joints

Horizontal, Fillet(Leg length) : 0.20 - 0.63in

Flat, Single Bevel Groove : 0.66 - 2.30in

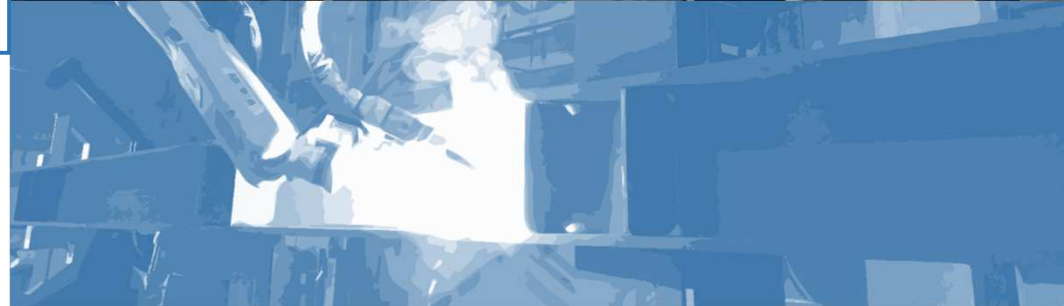
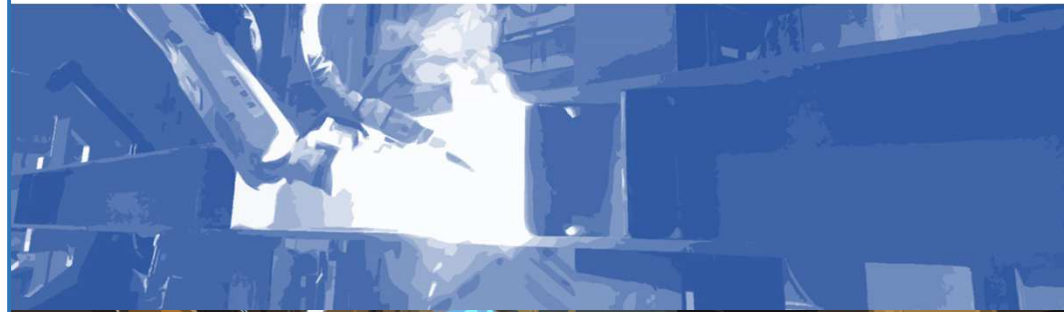
Horizontal, Single Bevel Groove : 0.66 - 1.28in



KOBELCO

ARCMAN™

STRUCTURAL STEEL



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KOBELCO - Your Best Partner

<http://www.kobelco-welding.jp/>

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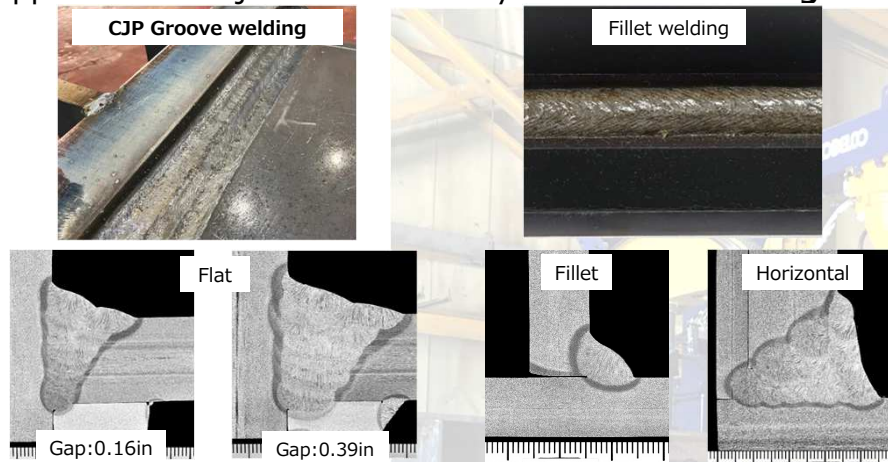
Rev.3-2/14/2024

KOBELCO, the only complete welding solutions company

- ✓ More than 2,500 Structural Steel Robot Systems have been installed throughout the world.
- ✓ All equipment is designed and developed by **KOBELCO**.

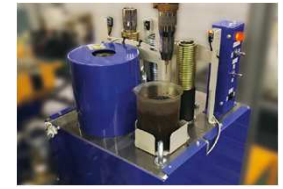
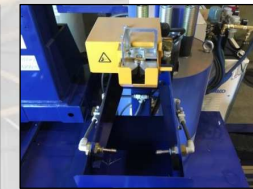
Increased productivity

Our superior welding process increases your productivity. Applicable weld joints are not only fillet but also **CJP groove**.



Highly automated production

You need no monitoring, as our peripheral equipment provides continuous production for both welding & interpass cleaning processes.



Wire cutter
Automatically cuts the welding wire to adjust stick out length for continual welding.

Nozzle auto changer
Changes welding nozzle (Short and Long) for joint adaptation.

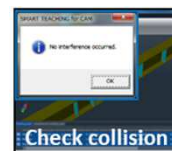
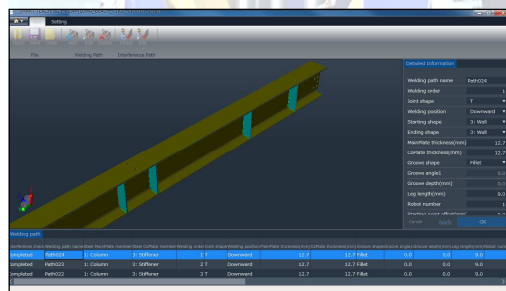
Slag removal attachment
Automatically changes tool from welding torch to Needle gun for automatic cleaning.

Easy to use

You need no programmer! All you need to do is to input minimal information.

3D CAD-Link

Only few steps to make a welding program. Input CAD data, software automatically recognized all welding joints and size of each plate. Select the joint and software makes collision check before generating welding program data. Welding condition or size are adjustable in the software before sending data to the robot. Operation is extremely easy and complex welding will be realized.



Wide range of applicable welded connections

Structural steel designs are complicated, but our robot system is capable to accommodate a variety of joint details of configurations.

