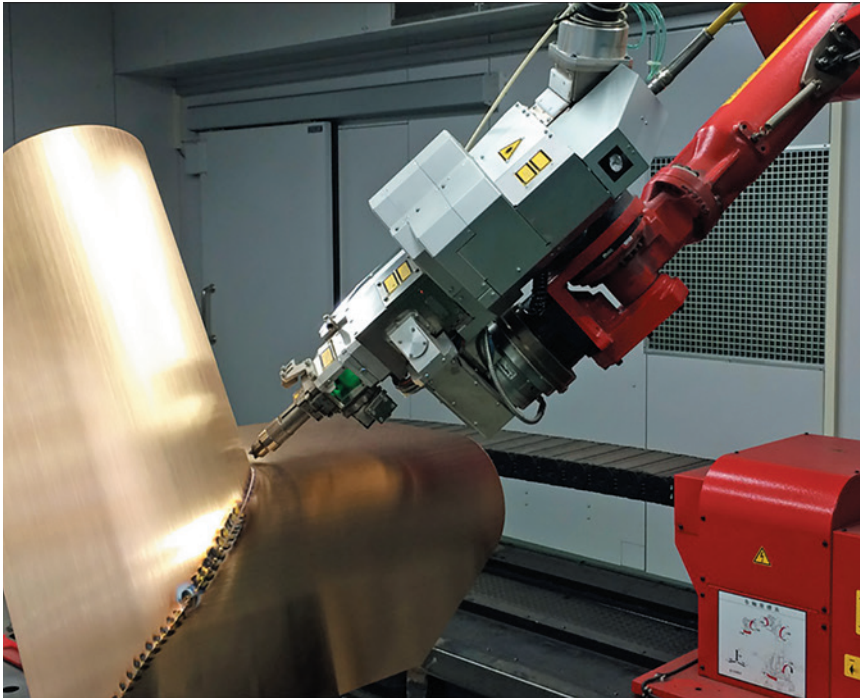




Fibre Laser Welding



Laser welding the TIG tack-welded dual curved product

Kikukawa provides high quality welding on outsized and dual curved products with fibre laser welding in combination with our expertise. With high intensity lasers and robotic arms, this technology achieves small beaded welds with high strength and minimal heat-induced distortion or discoloration. This solution is sought for high-end construction projects requiring complex shapes, minimal joints and high-quality finishes. Accommodates welding of dissimilar metals and experimentation.

Features

- Next-generation welding technology
- High quality and high strength welding with minimal distortion and deformation
- Accommodates outsized and dual curved products
- Accommodates small lots of high-variety product lines
- Long-distance continuous welding
- Accommodates welding of dissimilar metals

Technical Specifications

Applicable Materials

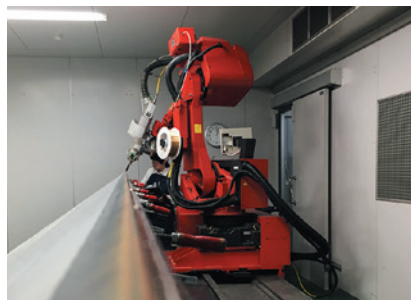
Stainless Steel (0.8-6.0mm)
 Aluminium Alloy (1.0-5.0mm)
 Copper Alloy (1.0-3.0mm)
 Steel (0.8-6.0mm)
 Accommodates titanium and nickel alloy

Maximum Workable Size

1200mm (W) x 7000mm (L) x 1300mm (H)
 (Please consult with us about larger sizes)



Accommodates large and dual curved products



Applicable to outsized mirror-polished stainless steel

Examples



Tokyu Plaza, Omotesando Harajuku
 Kaleidoscopic Exterior Panel (Stainless Steel)



The American School in Japan, Chofu Campus
 Decorative Exterior Gate (Stainless Steel)