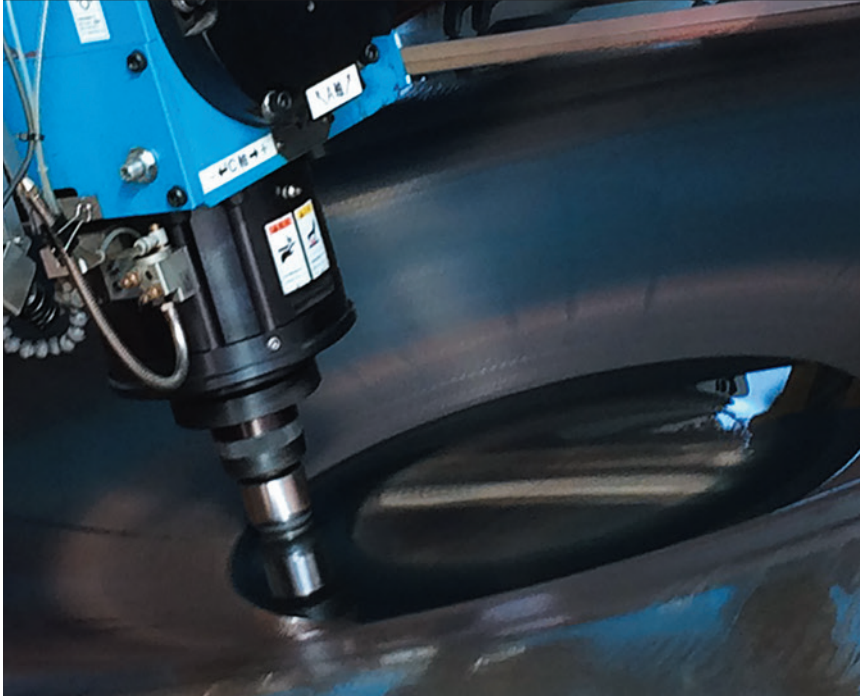




# Incremental Forming



A rotating forming tool applied localized pressure to achieve the desired shape

In combination with our expertise, Kikukawa optimizes the production of small lots of high variety product lines with incremental forming, a versatile dieless sheet forming technology. The desired shape is achieved by applying localized pressure on a thin sheet metal thus complex shapes that were difficult with conventional deforming methodologies are accommodated. Design or shape revisions and prototype productions are accommodated.

## Features

- Eliminates die-making processes and costs
- Accommodates small lots of high-variety product lines
- Accommodates curvatures, polyhedrons and other complex shapes
- Cutting edge metalworking technology

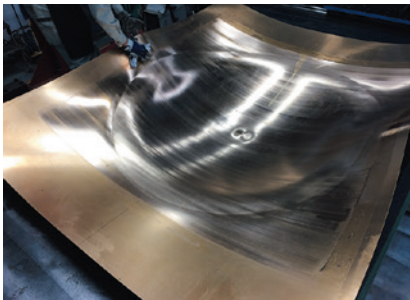
## Technical Specifications

### Applicable Materials

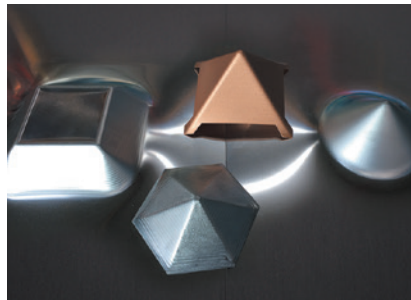
Stainless Steel (up to 1.5mm)  
Aluminium Alloy (up to 3.0mm)  
Copper Alloy (up to 3.0mm)

### Maximum Workable Size

2600mm (W) x 3000mm (L)  
(Please consult with us about larger sizes)



Metalworking the bronze gate of Shiki Juraku



Incrementally formed samples

## Examples



Shiki Juraku  
Bespoke Gate (Copper Alloy)



"Shades of Michelangelo" by Kuwasawa Design School and KIKUKAWA  
Chair (Aluminium)

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