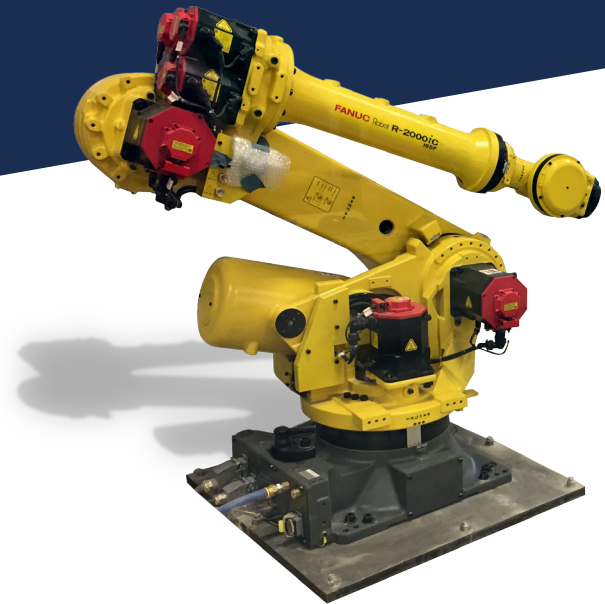


Robotic Blacksmithing



VENDOR

FANUC

MATERIALS

Sheet metals

The LIFT **Robotic Blacksmithing** cell, is investigating the next wave of manufacturing.

Imagine if a machine can act like a blacksmith does, squeezing and bending metal into shape, and doing this at temperatures and with deformation that actually improve the materials properties. We refer to this as metamorphic manufacturing and believe it will take its place alongside existing digital manufacturing: additive and subtractive manufacturing.

APPLICATIONS

Forming low-volume components

SPECIFICATIONS

- 2 robots: R2000iC
- 2.65 M reach
- Maximum load capacity at wrist 165 Kg
- 6 axis

J1 axis rotation 360°
J2 axis rotation 136°
J3 axis rotation 362°

J4 axis rotation 720°
J5 axis rotation 250°
J6 axis rotation 720°