

# Welded parts, built in our shop. Or yours.

Aluminum, stainless and carbon steel parts built to your drawing, from single prototypes to production runs. And when a part becomes steady work, welding set up in your own shop, with fixtures, procedure and a trained operator.

## Capabilities

|                  |                                                                                                                             |                   |                                                                                               |
|------------------|-----------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------------------------------------------|
| <b>MATERIALS</b> | Aluminum · Stainless, incl. 316 and duplex · Carbon steel · Nickel alloys (Inconel) · Titanium                              | <b>CODES</b>      | AWS D11 · D1.2 · D1.3 · D1.4 · D1.6 · D1.8 · ASME Section IX · ASME B31.3 · others on request |
| <b>PROCESSES</b> | TIG (GTAW) · MIG (GMAW)                                                                                                     | <b>PROCEDURES</b> | WPS/PQR developed and qualified · welder qualification records                                |
| <b>FIXTURES</b>  | Designed in CAD to control distortion · welded steel, 3D-printed or hybrid                                                  | <b>RUNS</b>       | Single prototypes through production, including a 130-piece run                               |
| <b>FINISHING</b> | Powder coat · anodize · passivation · post-weld machining, in-house or through our finishing partners, delivered as one job | <b>INDUSTRIES</b> | EV & automotive · aerospace & composites · industrial equipment · water & infrastructure      |

## Quality & documentation

|                   |                                                                           |                  |                                                                                      |
|-------------------|---------------------------------------------------------------------------|------------------|--------------------------------------------------------------------------------------|
| <b>INSPECTION</b> | First part checked to print before the run · visual weld inspection       | <b>PAPERWORK</b> | Material certs (MTRs) · weld inspection reports · test results                       |
| <b>TESTING</b>    | In-house: VT, bend tests, dye penetrant (PT) · by independent lab: RT, UT | <b>QUOTING</b>   | Every quote includes a ship date · expedited runs available                          |
|                   |                                                                           | <b>SUPPLIER</b>  | Certificate of insurance on request · shop visits and supplier audits by appointment |

### Parts welded

Send a drawing (PDF, STEP or DXF) with quantity and need-by date. One point of contact from quote to delivery. Drawings stay confidential; we'll sign your NDA.

### Welding Systems: weld in-house

Cell sized to your parts, fixtures, a written procedure and 40 hours of operator training at Jones, plus a 5-hour onsite startup. From \$15,000; equipment and fixtures quoted separately.

SHOP WORK FOR



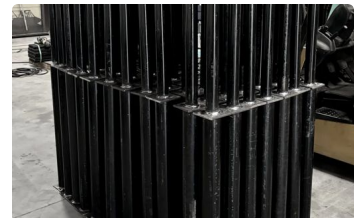
Bracket assemblies · aluminum, TIG



Flanged 90° elbow · 316 stainless, TIG



Post assemblies · aluminum, qty 25



Post assemblies · carbon steel, 130-piece run