



## Machining & Fabrication Group

When you need a customized solution tailored to your unique production needs, ISC Companies is your partner of choice. With a complete range of machine component design, fabrication and controls integration services, our staff is there to help you move your project forward.

## DESIGN ENGINEERING

**We offer turn-key solutions engineered to your production needs and operating environments**

CAD/CAM capabilities (2D & 3D)

- SolidWorks 2014
- AutoCad

Custom assemblies integrating distributed products

- Bearings & Power Transmission Group
- Sensors & Controls Group

Machine design

Prototyping

Machine building

## MACHINING CAPABILITIES

**From metals to plastics, small parts or large, one-offs, repairs, prototypes and production runs—ISC's knowledge and experience can meet your most stringent requirements.**

Broaching

C-N-C milling

- 3 and 4 axis
- Automatic pallet changer

C-N-C turning

- Automatic Bar-Feed
- Live Tooling

Deburring and polishing

Long bed lathe

Sawing

Surface Grinding

## WELDING AND FABRICATION

**ISC's capabilities range from welding repairs to complex and precise machine frames, as well as the certifications to meet the most challenging specs.**

AWS certified welders

- ANSI/AWS D1.1: Structural Welding Code/Steel
- ANSI/AWS D1.2: Structural Welding Code/Aluminum

Brazing

C-N-C plasma table

Hard-facing

Heavy fabrication

Large press brake

Machine frame fabrication

Overhead cranes

TiG & MiG welding (all metals)





## INSPECTION AND QUALITY ASSURANCE

ISC's processes and procedures assure that your quality standards are met and documented as required.

Coordinate measuring machine (CMM)  
MIL-Spec 45208A  
Optical comparator  
QMS to ISO standards  
Temperature controlled inspection room

## SPECIAL SERVICES

Put our years of expertise in a wide variety of applications to work for you in solving your manufacturing challenges.

Machine repairs and upgrades  
Machine subassemblies  
Outside process integration  
Prototypes and one of a kind machines  
Specialty conveyors / Material handling  
Speed reducer repair  
Structural fabrication

*Many additional machining and welding services available through our sister company, Adams-ISC*

[www.ISCcompanies.com](http://www.ISCcompanies.com)



**ISC**  
COMPANIES

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