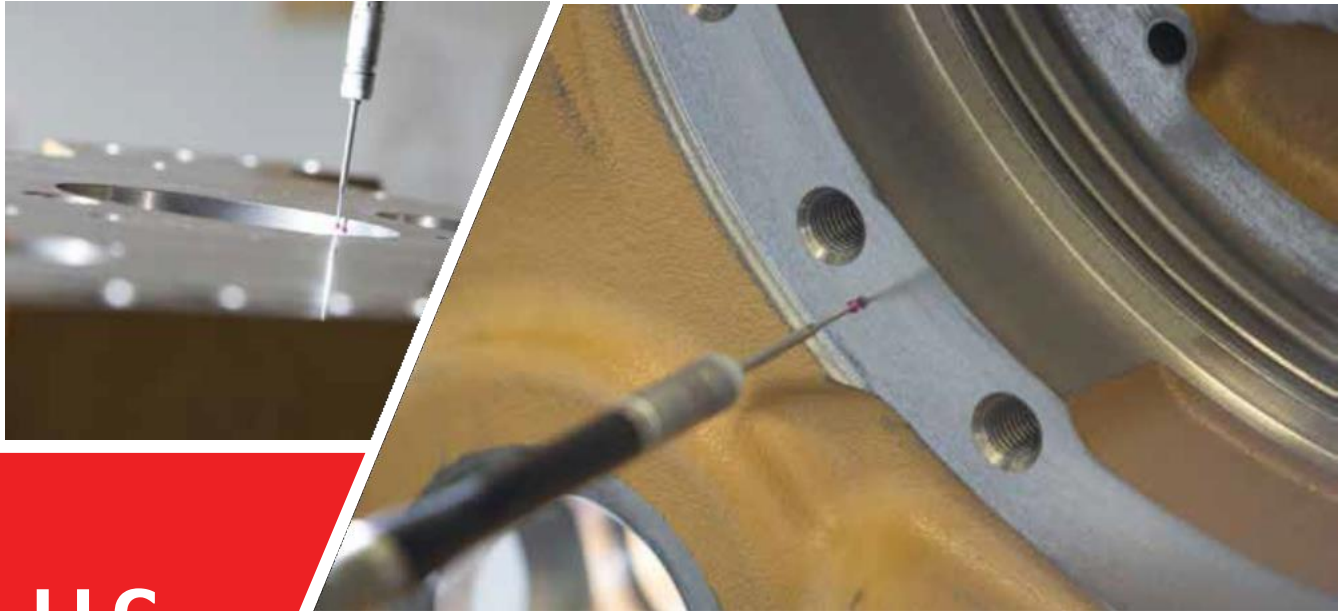


BHE

BLACKHAWK
ENGINEERING LLC
PRECISION CNC MACHINING



**Blackhawk
Engineering, LLC**

**Providing Machining
Solutions for over 40 Years**



**Privately
owned**

**Serving
industry
for 40 years**

**ISO 9001:2015
registered
since 1999**

**Tier 1 supplier to
major Fortune 500
corporations**

**145,000 sq. foot of
manufacturing space**





Over 80 CNC machine tools

Part machining up to 4,000 lbs.

**Central U.S. location
with excellent
highway system**



80

**Large
Horizontal
CNC Machining
Centers**

15

**Large
Vertical
Turning
Centers**

10

**Horizontal
Turning
Centers**




Room for:

Inventory

Assembly

Growth



Investing in the future with 13 million in equipment and facility upgrades since 2011

30,000 sq. ft. addition in 2011

40,000 sq. ft. of manufacturing space in 2014

8 Machine FMS cell installed 2018

40,000 sq. ft. of additional land prepped



Value added through technical experience

Concurrent engineering methods

Lean work cells

Customized Process

Sub-assembly capabilities



Large-part machining

100- up to 4,000 lbs.

- Pump housings
- Gear cases
- Differential cases
- Transmission cases





5-100lbs

- Valve bodies
- Steering housings
- Manifolds
- Pump bodies

Power Transmissions/Pump/Valve



- **Pumps**
- **Generators**
- **Housings, covers, sleeves**
- **Brackets, weldments, and other fabrications**
- **Manifold Blocks**

Agriculture

Suspension and powertrain components

Gear cases and housings

Engine blocks, heads, and manifolds

Engine components

Fuel/fluid power manifold blocks and components



Commercial Transportation

Suspension and powertrain components

Cases, covers, housings, and intake and manifolds

Main bearing caps, thrust collars, and counterweights

Transmission/drive shafts, drive pinions, sleeves, couplings, and hubs

Light assembly and machining of rocker arms, and stub and idler shafts

Brackets, weldments, and other fabrications



Heavy Off-Road Equipment

Armored transportation components

All-terrain mobility vehicle systems, drivetrain, and chassis applications

Hydraulic and fluid power delivery

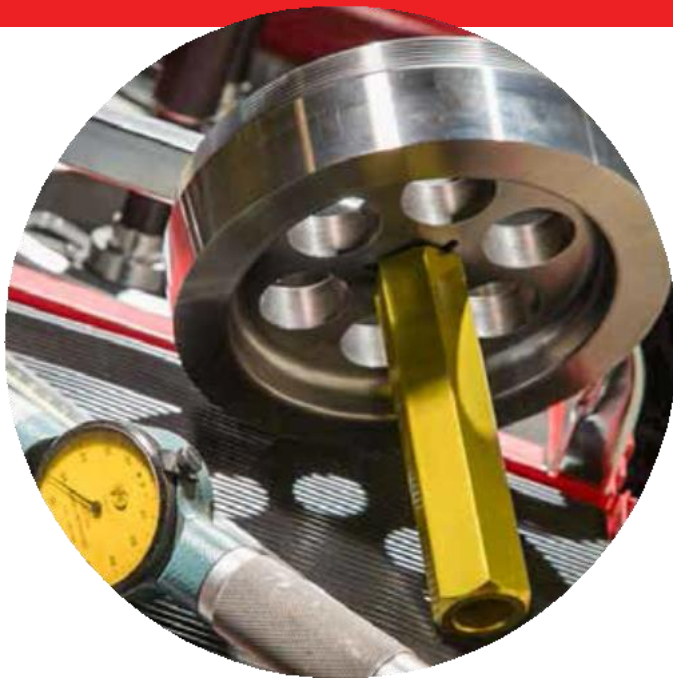
Cases, covers, housings, and intake and exhaust manifolds

Industrial Equipment/Energy

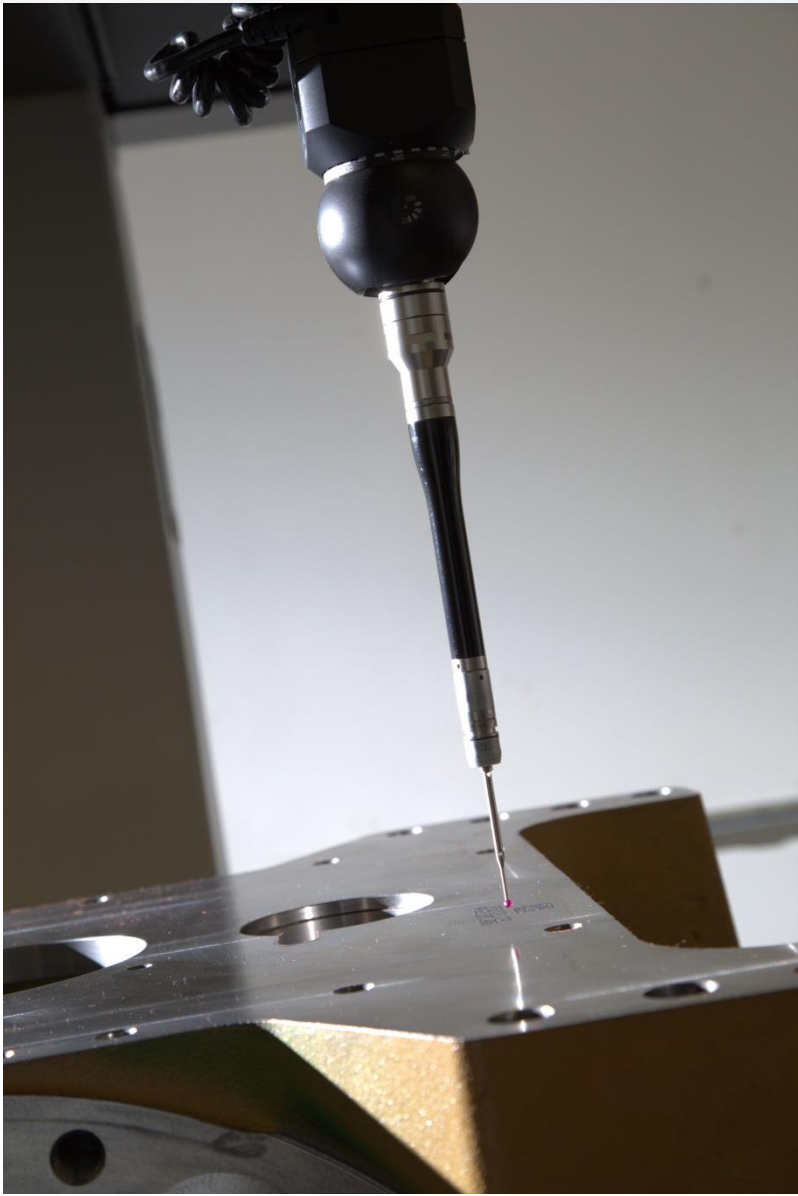
- Gear cases, covers, and housings
- Shafts and motion components
- Fluid manifold blocks and components
- Brackets, weldments, and guides
- Fabrications and external structures
- Hubs, couplings, and sleeves
- Light assembly

Advanced Product Quality Planning (APQP)

Product specific gauging



- SPC, PPAP, FAI, ISIR
- FMEA, PFMEA, Control Plans, Flow Charts



(QOS) Quality Operating System

**ISO 9001:2015
registered since 1999**

(6)CMM capacity, up to 130"x78"x59"

**Full time inspectors
covering 24 hours**

Currently rated at 99.9% on time delivery



Products shipped
throughout North and
Central America

Located near major casting, material
suppliers, major highways, rail and
river transportation



Our first consideration is to manufacture a product **safely for the protection of everyone involved in the process – from the receiving of raw material to the use of the final product.**

Key Contacts

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