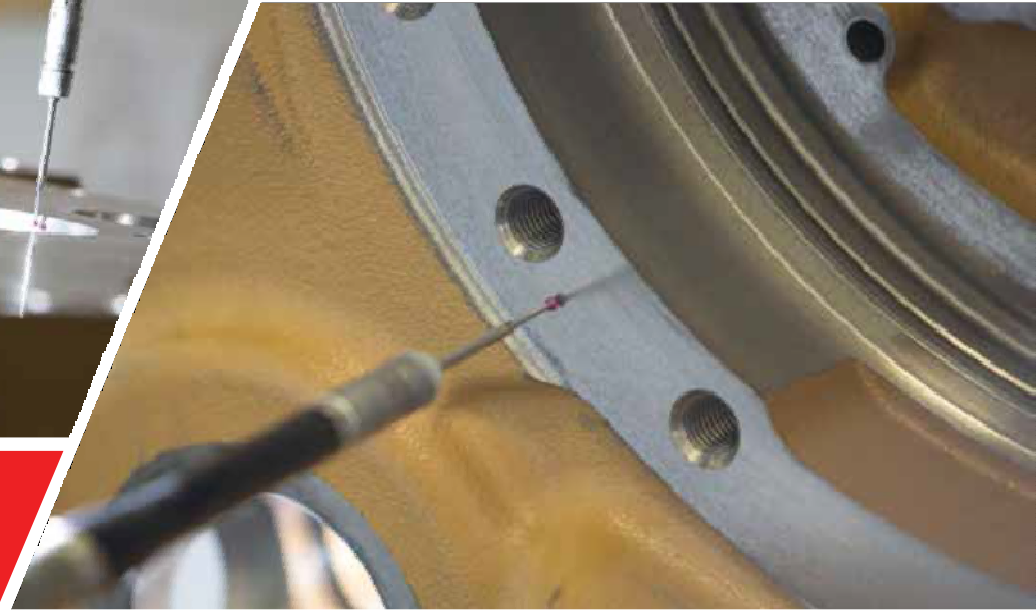
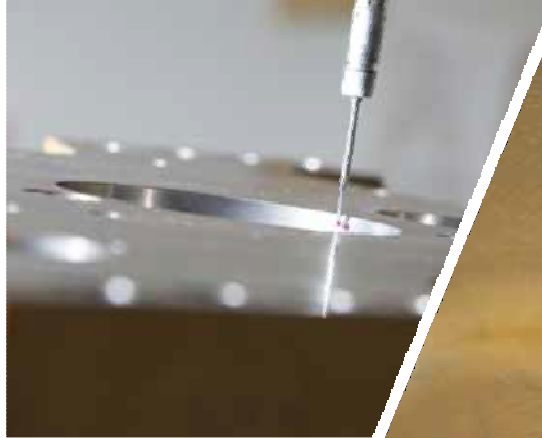


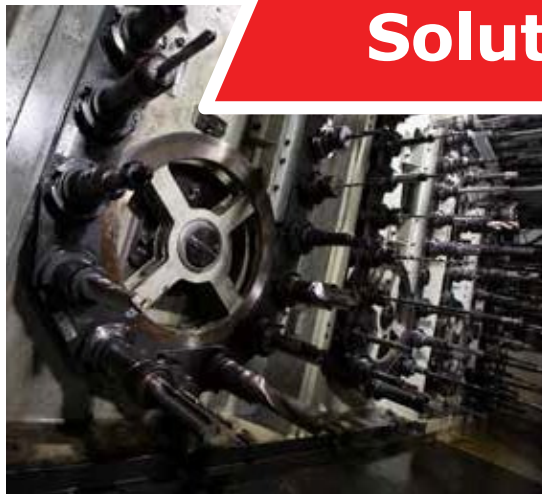
BHE

BLACKHAWK
ENGINEERING
PRECISION CNC MACHINING



**BHE Welcomes
YOU!**

**Providing Machining
Solutions for over 40 Years**



BHE | OVERVIEW



**Privately
owned**

**Serving
industry
for 40 years**

**ISO 9001:2008
registered
since 1999**

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

**120,000 sq. foot of
manufacturing space**

BHE | OVERVIEW

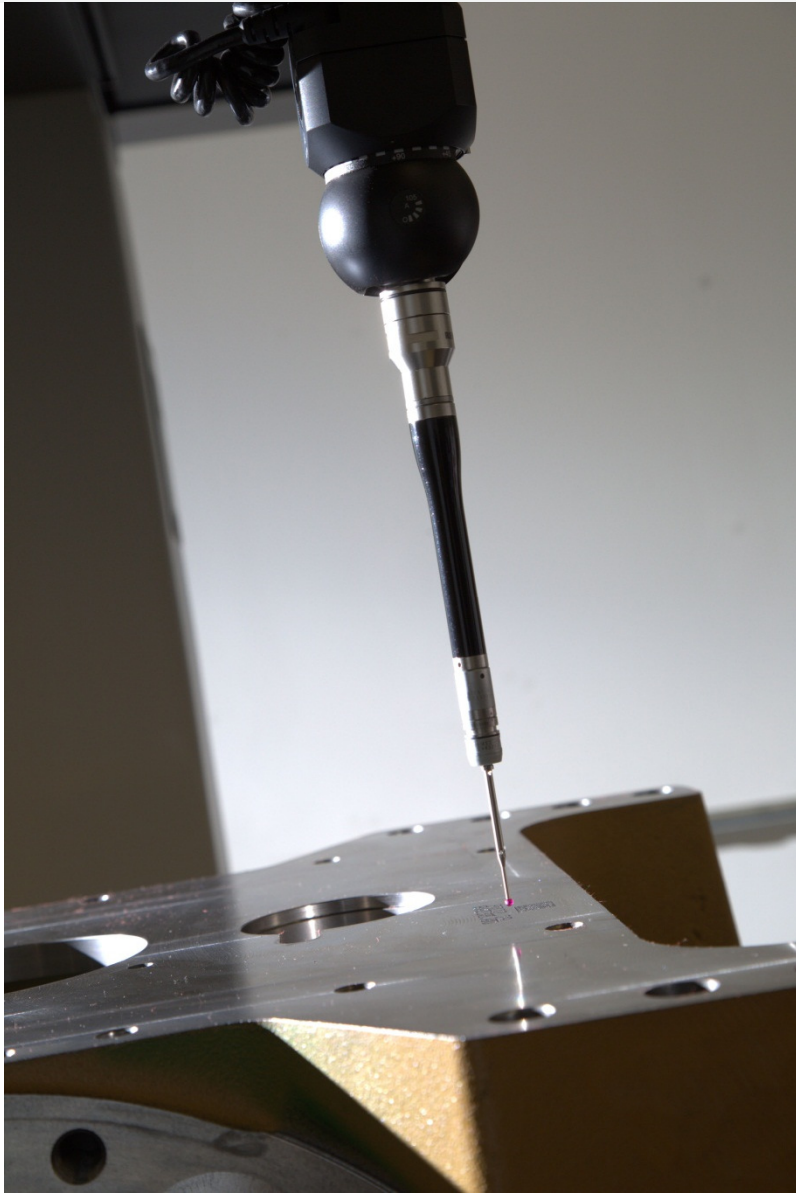


Over 70 CNC machine tools

Part machining up to 7,000 lbs.

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





**(QOS) Quality
Operating System**

**ISO 9001:2008
registered since 1999**

(5) CMM capacity of 79" x 51" x 39"

**Full time inspectors
covering 24 hours**

Advanced Product Quality Planning (APQP)

Product specific gauging



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

Value added through technical experience

Concurrent engineering methods

Lean work cells

Customized Process





From development to full Production

Savings to our
Customers

2013 \$830,000

2014 \$970,000

BHE | **CAPACITY**

53

**Large
Horizontal
CNC Machining
Centers**

11

**Large
Vertical
Turning
Centers**

06

**Horizontal
Turning
Centers**



Room for:
Inventory
Assembly
Growth

BHE | CAPACITY



Financial stability to invest in new opportunities
\$9.3 million equipment upgrades and **\$3.9 million** in
manufacturing facilities since 2011

30,000 sq. ft. addition in 2011

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

40,000 sq. ft. of additional land prepped

BHE | DELIVERY

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

BHE | WHAT WE MAKE

Large-part machining

100- up to 7,000 lbs.

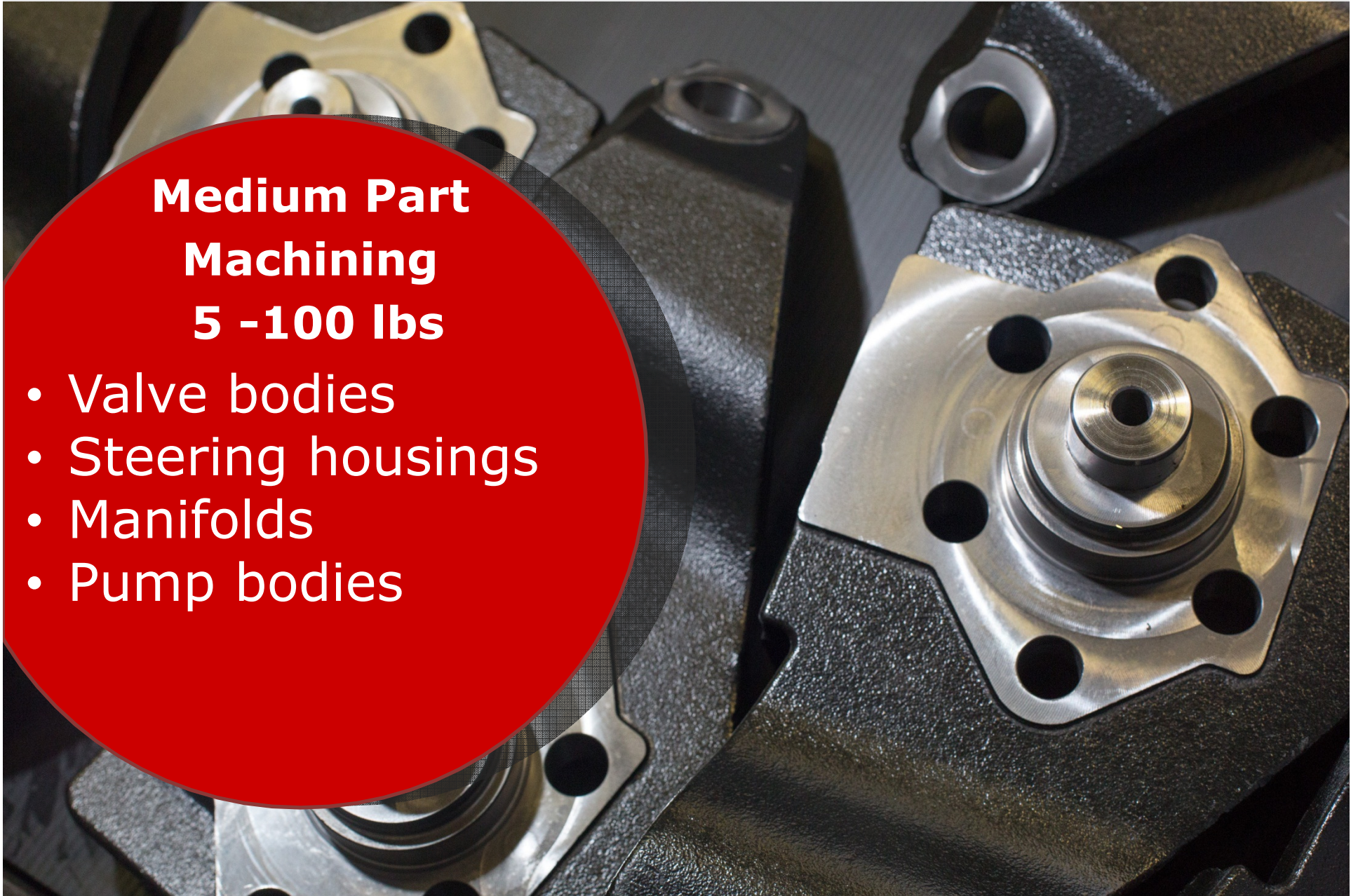
- Pump housings
- Gear cases
- Differential cases
- Transmission cases



BHE | WHAT WE MAKE

Medium Part Machining 5 -100 lbs

- Valve bodies
- Steering housings
- Manifolds
- Pump bodies



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

BHE | **MARKETS WE SERVE**

Power Transmissions/Pump/Valve



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



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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