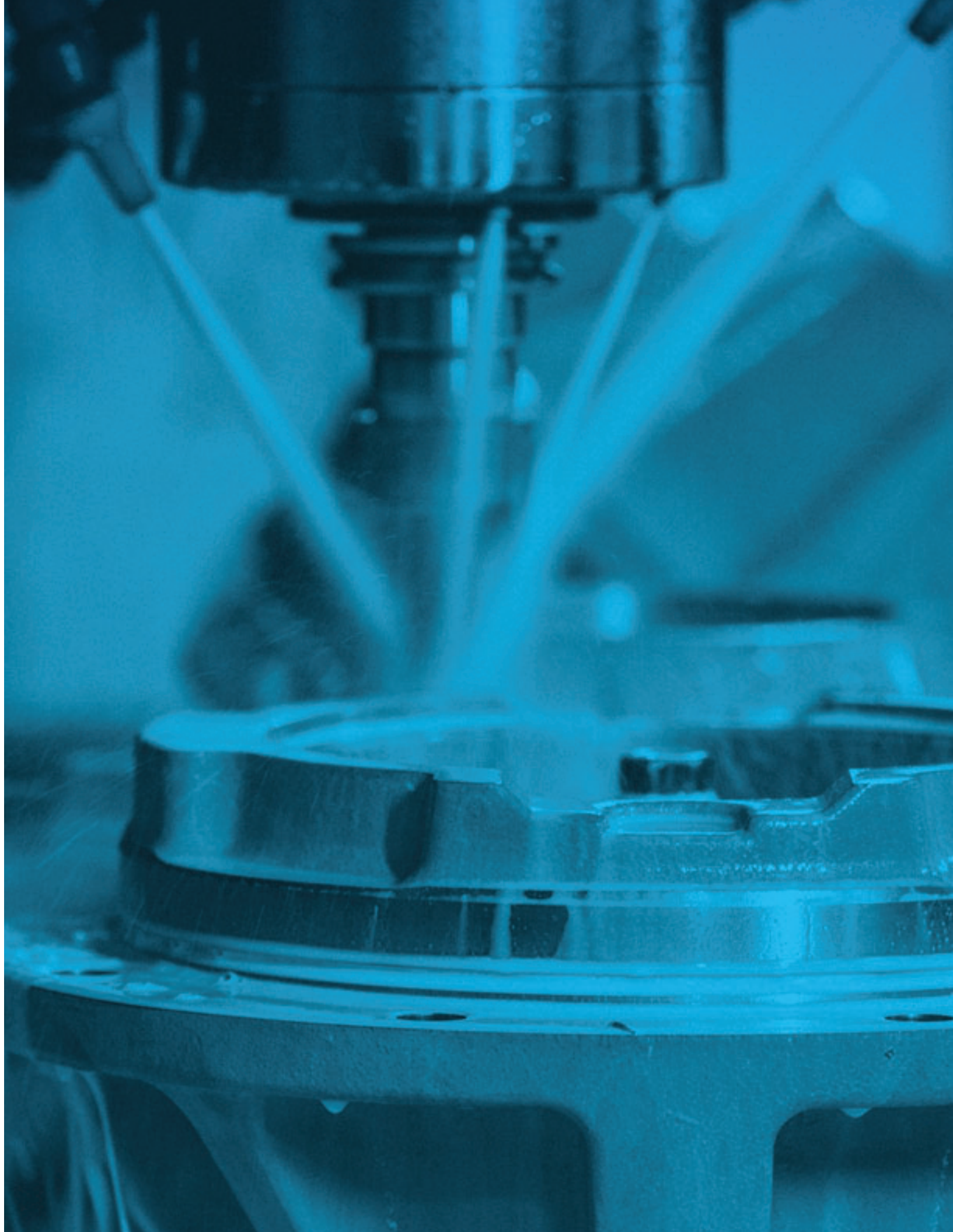






NORTHFIELD GOES  
BEYOND PRECISION  
MACHINING. OUR  
GOAL IS TO BECOME  
AN EXTENSION OF  
YOUR TEAM, FROM  
ENGINEERING, TO  
PROTOTYPES, TO  
PRODUCTION RUNS,  
WE WILL PERFORM  
FLAWLESSLY.

ISO 9001:2008 Certified Company





MORE THAN A  
PRODUCT LINE,  
MORE THAN  
PRECISION  
MACHINING,  
NORTHFIELD  
OFFERS YOU  
A TOTAL  
SOLUTION.

## ***TOTAL SOLUTIONS<sup>®</sup>***



### **ON TIME SHIPMENT**

Northfield guarantees 100% on time delivery of our products. We offer free delivery if your product is not shipped on time.



### **30 DAY SAFETY STOCK GUARANTEE**

Northfield maintains a 30 day safety stock on the shelf for our customers. We will work with you to determine your requirements for production and delivery.



### **90 DAY PRICE GUARANTEE**

Northfield will provide a 90 day price guarantee on all quotes. In today's fast moving markets, we stand by our quotes and offer our customers the most economical solutions.



### **24 HOUR RESPONSE TIME FOR ISSUES**

Northfield guarantees the quality of its products and services. We have sales reps, engineers and customer service personnel on-call to respond to your questions. Northfield stands by its products and services, and we will respond within 24 hours regarding any issues.



### **FAST TRACK ONBOARDING PROGRAM**

Northfield's Fast Track Program offers our customers a way to minimize their "pain points" with a new supplier. Our Fast Track Program is designed to help your various departments including engineering, purchasing and administration deal with issues ranging from initial engineering to account setup to shipping and invoicing.



# INTRODUCING NORTHFIELD'S FAST TRACK ONBOARDING PROGRAM



## CONNECTING ENGINEERS

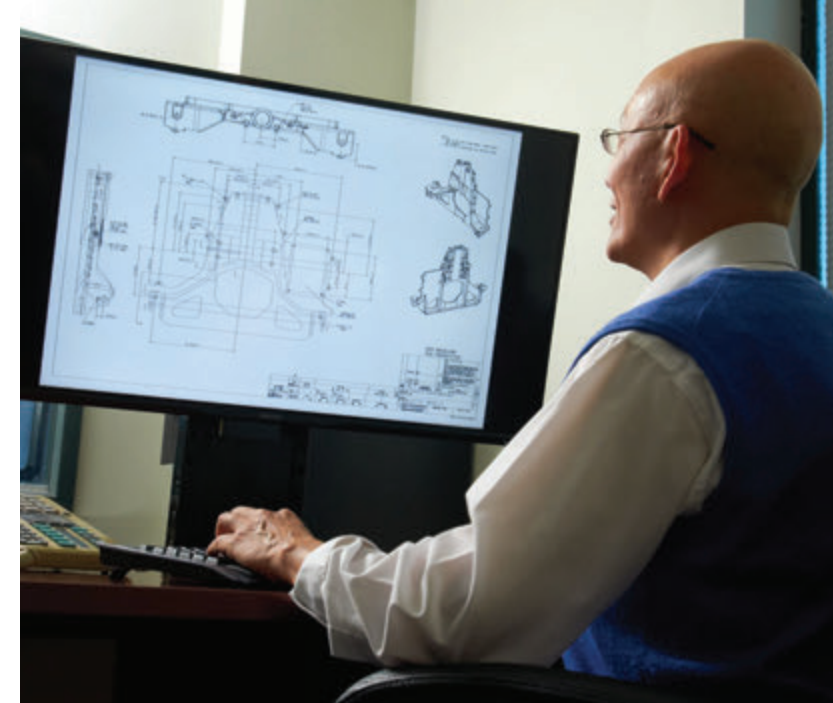
Let our engineering talent be an extension of your company. We will work seamlessly with your engineering department to provide expedited solutions for new and existing products. We can provide prototyping and capabilities studies to help move you quickly to the production phase.

## WE WORK WITH YOUR SYSTEM

Northfield can accommodate ASN, EDI, bar coding and portal requirements to facilitate your system needs.

## OUR FAST TRACK KIT

We will supply you a Kit, including the forms to onboard Northfield as your Total Solutions supplier.







# LET NORTHFIELD BE YOUR CONTRACT PRECISION MACHINING HEADQUARTERS. OUR IN-HOUSE CAPABILITIES INCLUDE:

- Turning
- Milling
- Boring
- Grinding
- Welding
- Flame Cutting
- Assembly



# SUPERIOR MACHINING

CUSTOMIZED AG COMPONENTS



INDUSTRIAL COMPONENTS



FORKLIFT COMPONENTS







# CAPABILITIES TO DELIVER CUSTOMIZED SOLUTIONS AND THE HIGHEST QUALITY PRODUCTS.

## MACHINING CAPABILITIES

### Turning – CNC Lathes w/Live Tooling

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- ▶ 78" max diameter; 84" max length (1981mm diameters; 2133 max length)
- ▶ Tolerances: 0.0002"
- ▶ Surface Finish: 16 micrometers
- Mori Seiki SL-250B
- Mori Seiki SL-250BMC
- Mori Seiki SL-303
- Mori Seiki NL-3000MC, 15" Chuck
- Mori Seiki NL-3000MY, 15" Chuck
- Mori Seiki NLX-700MC
- Mori Seiki NLX-700MY
- (2) Honor Seiki VL-160CM, 63" Chuck, Max 84" Length
- (3) Yama Seiki GA3600
- Yama Seiki GA3600m
- Ameri Seiki T310-MC
- (2) Mazak Integrex 400SY-40 Station Gantry Loader
- Okuma VTM 120 YB, 32" Chuck
- Okuma V100RM, 32" Chuck
- (2) Okuma LB400 EXM, 15" Chuck
- Okuma LB300 EXM
- Okuma LB3000 EX
- Okuma LU300 Twin Turret
- Haas TL-3
- Haas SL10
- (2) Haas SL20 w/Bar Feeder
- (2) Haas SL30 w/Bar Feeder
- (2) Haas SL40 w/Steady Rest
- Haas SL40TB w/Steady Rest, 55 HP, 18" Chuck
- Daewoo Puma 230M
- Daewoo Puma 240
- Femco HL-25
- Takisawa TC-4
- Viper VT-33B

### Secondary Operations

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- Assembly
- Bearing Packers (4)
- Bending (Pines No. 2 Hydraulic Bender)
- Engraving (Laser Fibre Optic Marker; and Impact Techno Mark)
- Flame Cutting (1/2" to 3-1/2" thickness)
- Grinding (6" x 10"; 8" x 20"; and 8" x 25" Surface Grinders)
- Heat Treating Ovens (2)
- Hydraulic Presses (7)
- Hypneumatic Crossdrill Machines (2)
- Parts Washing (Graymills Automatic Washers)
- Welding

### Milling, Boring, Drilling – CNC Machining Centers

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- ▶ 144" (3657mm) X axis travel
- ▶ 64" (1625mm) Y axis travel
- ▶ 56" (1422mm) Z axis travel
- ▶ Tolerances: 0.0002"
- (2) Enshu GE-480H Horizontal Machining Centers, Multi Pallet
- Mitsubishi MH-500 Horizontal Machining Center, Multi Pallet
- Haas HS-4R HMC
- Yama Seiki AV-1000
- Yama Seiki BM-1020
- Yama Seiki BM-1460
- Yama Seiki VMB-1460
- Mori Seiki SV-400
- (2) Haas TM2 w/Renshaw Probe
- Haas VF-2SS w/Renshaw Probe
- (2) Haas VF-3 w/Renshaw Probe
- Haas VF-3
- Haas VF-4
- Haas VF-5
- Haas VF-6
- Haas VF-6 w/Renshaw Probe
- Shizouka SV-4024

### Saw Department

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- Daito GA-260W
- HEM H105A-4, up to 14" Rounds, 16" Flats
- (2) Hydmech H-12
- (3) CNC Bundle Cut Saws

### Engineering Software

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- Auto CAD
- Espirit 2015
- Geomeasure
- Mastercam
- Solidworks

### Environmentally Controlled Q.C. Dept.

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- Brown & Sharp CMM (36" x 36" x 20")
- Cordax 1808 CMM (80" x 20" x 16")
- Global Advantage CMM (47" x 35" x 31")
- (3) Mitutoyo CMM's (1906; A910; A504)
- (2) Romer Absolute 7520 CMM Arm
- Romer Absolute 7540 CMM Arm
- (2) Surface Testers
- (2) Hardness Testers
- Comparator



NORTHFIELD  
OFFERS A FULL  
LINE OF HUBS  
AND SPINDLES,  
AS WELL AS A  
COMPLETE LINE  
OF JACKS TO  
FIT ALL YOUR  
INDUSTRIAL  
NEEDS.

## ADDITIONAL CAPABILITIES



### HUBS AND SPINDLES

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Northfield produces a complete line of Hubs and Spindles for the Agricultural Equipment market and the Industrial Equipment market. Our comprehensive line ranges from 20 bolt hubs with 50,000lb capacity, down to 4 bolt hubs with 1,000lb capacity, and everything in between. We produce all spindles and carry all bearings, seals and other components to complete this line.



### JACKS

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Northfield offers a complete line of square and round tongue Jacks. Our capacity ranges from 2,000lb to 12,000lb support. Special orders according to custom dimensions and surface treatment are welcome.



# OUR BUSINESS IS BUILT ON THE FOUNDATION OF QUALITY PRODUCTS

Northfield will make your precision parts from as large as 17,000 lbs, to parts that fit into the palm of your hand. Our equipment is modern, fast and precise, with tolerances as tight as 0.0002 inches.





OUR ENGINEERING  
TALENT IS READY  
TO BE AN EXTENSION  
OF YOUR COMPANY

LISTEN TO WHAT  
OUR CLIENTS HAVE  
TO SAY ABOUT US.



*"Northfield Industries has been a long time supplier who understands our needs and requirements. Their quality, cost, and delivery management is exceptional and helped them win the Supplier of Excellence Award for the (3rd) consecutive year."*  
– Unicarriers



*"Northfield is a people-oriented company. They communicate well with us, which is a rare thing these days."*  
– Vermeer



*"I have a very high opinion of Northfield, as do others within CNH. Manufacturing these parts is a science, and Northfield has figured it out."*  
– CNH



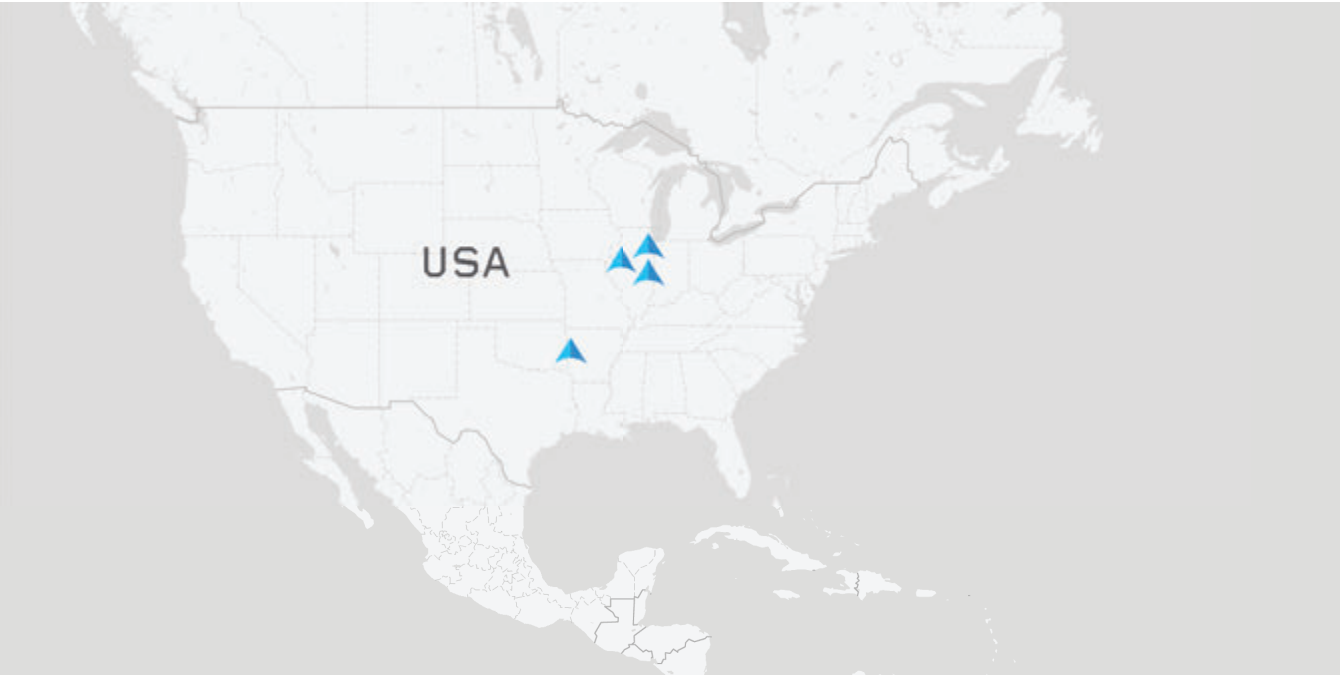
*"If I had 100 suppliers like Northfield, I could go to sleep each night and know all would be well."*  
– Bush Hog



# WORLDWIDE MANUFACTURING CAPABILITIES



A PRECISION MACHINING COMPANY  
FOCUSED ON THE AGRICULTURAL IMPLEMENT  
AND INDUSTRIAL EQUIPMENT MARKETS.



### Contact Us

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- 847-755-9900
- koliver@northfieldind.com

### Memberships

Proud member of FEMA, the Farm  
Equipment Manufacturers Association  
and NAM, the National Association  
of Manufacturers



### Certifications



ISO 9001:2008  
Certified Company



AS9100:2009 Revision C  
Certified Company



ISO 9001:2008  
Certified Company



## NOTES

## NOTES