



# High Performance Alloys, Inc.

## Toll Processing & Equipment List

### **Headquarters & Flat Stock**

1985 East 500 North  
Windfall, IN 46076

### **Sales, Forgings, & Round Stock**

444 Wilson Street  
Tipton, IN 46072

### **Remittances**

Post Office Box 40  
Tipton, IN 46072-0040

Basic Info: 2024 Edition

Company Name: **High Performance Alloys, Inc.**

Websites: [www.HPAlloys.com](http://www.HPAlloys.com) (Transitioning from hpalloy.com)

Headquarters: 1985 East 500 North Windfall, IN 46076

Toll Free Phone: +1 800-HPALLOY / +1 (800-472-5569)

Fax: +1 (765) 945-8294

Trade Styles: dba Hoosier Waterjet, Hoosier Plasma

**Services:** Conversion: size and shape, Forging, Wire Drawing, Machining, Fasteners, Finishing and Servicing, Straighten and Cut to Length, Cutting (HD Plasma, Waterjet, Shear, Bandsaw, Cold Saw), High Strength Conversion/GFM Rotary Forge/Swaging, Rolling, Sheet and Plate, Round/Flat/Hex Bar and Wire, Distributor of Nitronic ®, Inconel ®, Monel ®, Hastelloy ®, Stellite ®, & other Cobalt, Nickel, and duplex alloy grades.

### **Company Info:**

Type of Business: S-Corporation

Years in Business: 40, since 1984

Total Employees: 79+



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Quality Employees: 5

Manufacturing Employees: 40+

Lean/Zero Manufacturing Program: No

Manufacturing Capabilities: see Equipment list below

Floor Space: N/A

Facilities: 2 - located in Tipton, IN and HQ in Windfall, IN

Shifts: 3

**Contacts:**

Company Head Contact: David Kirchner,

[david.kirchner@hpalloys.com](mailto:david.kirchner@hpalloys.com)

Quality Assurance Manager: John Corra,

[john.corra@hpalloys.com](mailto:john.corra@hpalloys.com) or [QA@hpalloys.com](mailto:QA@hpalloys.com)

Sales Representatives:

[sales@hpalloys.com](mailto:sales@hpalloys.com)

Sales Manager: Dan McMahon,

[dan.mcmahon@hpalloys.com](mailto:dan.mcmahon@hpalloys.com)

**(Our Standard Cut and Grind Tolerances Guide is available online)**



## **Equipment:**

<b>Machinery</b>	<b>Capabilities</b>
Large Lewis Wire Straightener	0.625" to 0.312" Ø x 20'
Medium Lewis Wire Straightener	0.375" to 0.187" Ø x 20'
Small Lewis Wire Straightener	0.250" to 0.065" Ø x 12'
Medart Bar Straighteners	0.5" to 0.375" Ø
Centerless Grinders	6" to 0.080" x 35'+
Mattison Grinder	16" 48" magnetic table
Hot Forge 750-ton Lake Erie Press	18" Ø with max. 26" of daylight
Hot or Cold GFM® 412 Radial Forges	3" to 0.5" Ø (78mm to 12mm)
Wire Drawing Machines	0.5" to 0.050" Ø
100k lbs. Draw Bench	4.5" x up to 40' (4 Die) Cold Swage 1" to 0.25" Ø
8" Wide 4-High Rolling Mill	1" to < 0.018" (Flat, Hex, Square, & Round)
8" Wide Rolling Mill	3" to < 0.018" (Flat, Hex, Square, & Round)
Electric Furnace	2300 deg. F (1260C) Max Length of 6' (Argon capable)
Gas Furnace	2250 deg. F (1232C) Max Length of 12'
Waterjet Machines (Mach 2c and Mach 3)	Cut tolerance capable of +0.010"/-0" (Standard +0.125"/-0")
Bandsaws & Plate Saws	Up to 22" square
HYDMECH® CSNS-175 Carbide Cold Saw	2 to 7" Ø x 12" wide
High-Definition Plasma Cutter	Standard cut tolerance +0.187"/-0"
Pacific and Niagara Shear	0.375" to < 0.50" thick



\*Note all capabilities are material dependent\*

**Equipment Coming Soon in 2024:**

<b>Machinery</b>	<b>Capabilities</b>
Electric Furnace	Max. 2300 deg. F (1260C) with Max. Length of 16'
Drawbench	Rounds: 0.375" - 2.064" & Hex 0.75" - 1.75"
Bullblock Draw	0.75" coil to 0.25" Ø
Hallden Cold Swage	3.5" to 0.375" Ø
Peeler	3" Ø
Cincinnati Centerless Grinders	+/- 0.00025"

\*Note all capabilities are material dependent\*

**Certifications:**

[ISO 9001: 2015 Certification Number: 12818](#)

**For more information, please contact your sales representative or get a rep. at [sales@hpalloys.com](mailto:sales@hpalloys.com).**

GFM® is a registered trademark of GFM GmbH.

Hastelloy® is a registered trademark of Haynes International Inc.

HYDMECH® is a registered trademark of Hyd-Mech Group Limited.

Inconel® is a registered trademark of the Special Metals Corporation group of companies.

Monel® is a registered trademark of the Special Metals Corporation group of companies.



## **High Performance Alloys, Inc.**

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Nitronic® is a registered trademark of Cleveland-Cliffs Steel Corp., successor to AK Steel.

Stellite® is a registered trademark of Kennametal Inc.