



IP AUTOMATION

"Where Ideas Become Reality"
An ISO 9001:2008 Certified Company

We are an Engineering firm, in business since 1988, designing, fabricating, manufacturing and assembly mission critical equipment, components, processes and solutions.

Customers

Boeing Service Company
Goodrich Corporation
Honeywell Technologies
Lawrence Livermore National Labs
Velcon Filters
Dematic
Ingersoll Rand
Quantum Corporation
Abengoa Solar

Union Pacific Railroad
Nortrak North America Inc.
Balfour Beatty Rail Inc.
Racine Railroad Products Inc.
Progress Rail Services
Rocla Concrete Tie Inc.
Stolle Machinery Co.
Fiberforge
Latitude Solutions

In House Machining Capabilities and Equipment List

VERTICAL Machining

1 — 20 HP Yang MV5-A Vertical Mill with pallet changer up to 4500 lb work pieces , 50 taper spindle, (x=53", y=30", z=30")
1 — 15 HP Cincinnati Mill, (x=50", y=26", z=26")
2 — 25 HP Haas VF-5 Mills 10k rpm, 40 taper spindle, (x=50", y=25", z=25") (1 with vacuum system)
1—30 HP Mori Seiki MV-653 Mill with pallet changer, 10k rpm 50 taper spindle, (x=60", y=26", z=26")
1—25 HP Mori Seiki NV 5000 Mill 12k rpm spindle, (x= 31", y=18", z=20")
1___ Leadwell v50i 50"x25"x 24", 30HP with 12,000 RPM, 40 taper spindle.

HORIZONTAL Machining

2 — 40 HP Niigata SPN 901 Mills with pallet changer, 8k rpm 50 taper spindle, 4 axis (x=59.1", y=51.2", z=45.3")
1___Mitsui Seiki HS-5A Mill with Pallet Changer 8,000 RPM 20HP 4-Axis 33.5" x 27.5" x 29.5", 50 taper spindle

TURNING CENTER

2 — Ikegai 30 HP, 22 inch-swing turning centers (1 with vacuum system / 1 with live tooling)

GRINDING

1—Mattison Rotary Surface Grinder with 44 inch rotary table

WATERJET

1---Calyпсо, 60k psi, dual heads, 10x20 feet

LASER MARKING

RMI Archer S, 40 watt laser Marker, 163mm lens

PRESSES

1__250 ton vertical
1 —100 ton metal working press

DYNAMOMETER

1___Dynamometer Engine, 1,000 HP, Max Speed: 6,000RPM, Max Torque: 3,560 ft-lbs.

SAWS

1 —HEM Auto feed Saw model H90-A
1 —HEM Auto feed Saw model DC14HA
1 – General Saw

WELDING

10— MIG Welders — 250, 300 and 600 Amp
1— TIG Welder—350 Amp

CNC ROUTER

1___ CNC Router 5' x 8' with 8 interchangeable tools

ASSEMBLY

Fully Equipment Assembly Areas
Vacuum Systems

TOOLROOM / MODEL SHOP / MISC.

Mills
Lathes
Grinders
Sanders

QUALITY SYSTEMS

Zeiss CMM With continuous Scan 800mmX1200mm
Class A granite tables with conventional gauges
Optical comparator

I.P. AUTOMATION, INC.
2818 NATIONAL PLACE
COLORADO SPRINGS, CO
80906
PHONE: (719) 579-8776
FAX: (719) 579-8735
INFO@IPAUTOMATION.NET
www.IPAutomation.net

SERVICES AVAILABLE

Engineering Design
Fabrication, Manufacturing
& Assembly
Installation & Setup
Hardware Maintenance
Hardware support
Application Support
Technical Support

DUNS: 626343933
ORCA: Certified
CAGE Code: 1V1U5
Structure: Small Business
ISO Certified: 9001:2008
GSA: In progress

NAICS: See Listing on Back

Patents:

**US Patent 5509185
Needle Board Stripping
Press**

Patents Pending:

**Railroad Railway
Machinery Collision
Avoidance System**

**Railroad Rail Retaining
Clip Staging and
Removal Apparatus and
Method**

**3 Axis CNC Rotary
Precision Engraving
Machine**

NAICS Codes:

332212	Hand and Edge Tool Manufacturing
332510	Hardware Manufacturing
332710	Machine Shops
332721	Precision Turned Product Manufacturing
332812	Metal Coating, Engraving (except Jewelry & Silverware) and Allied Services to Manufacturers
332996	Fabricated Pipe and Pipe Fitting Manufacturing
332997	Industrial Pattern Manufacturing
332999	All Other Miscellaneous Fabricated Metal Product Manufacturing
333111	Farm Machinery and Equipment Manufacturing
333112	Lawn and Garden Tractor and Home Lawn and Garden Equipment Manufacturing
333120	Construction Machinery Manufacturing
333131	Mining Machinery and Equipment Manufacturing
333132	Oil and Gas Field Machinery and Equipment Manufacturing
333210	Sawmill and Woodworking Machinery Manufacturing
333220	Plastics and Rubber Industry Machinery Manufacturing
333294	Food Product Machinery Manufacturing
333295	Semiconductor Machinery Manufacturing
333298	All Other Industrial Machinery Manufacturing
333511	Industrial Mold Manufacturing
333512	Machine Tool (Metal Cutting Types) Manufacturing
333513	Machine Tool (Metal Forming Types) Manufacturing
333514	Special Die and tool, Die Set, JIG and Fixture Manufacturing
333515	Cutting Tool and Machine Tool Accessory Manufacturing
333518	Other Metalworking Machinery Manufacturing
332922	Conveyor and Conveying Equipment Manufacturing
333923	Overhead Traveling Crane, Hoist and Monorail System Manufacturing
333992	Welding and Soldering Equipment Manufacturing
333993	Packaging Machinery Manufacturing
333999	All Other Miscellaneous General Purpose Machinery Manufacturing
334920	Other Communications Equipment Manufacturing
335991	Carbon and Graphite Product Manufacturing
336510	Railroad Rolling Stock Manufacturing
541330	Engineering Services
541340	Drafting Services
541511	Custom Computer Programming Services
541512	Computer Systems Design Services
811310	Commercial and Industrial Machinery and Equipment (except automotive and electronic) Repair and Maintenance

VISION

IP Automation seeks to be a supplier of choice among its competitors. We endeavor to provide our customers with innovative design, rapid response time, zero defects, and consistently superior quality.