

# THE Gateway MAGAZINE

KEEPING PURCHASING DECISION MAKERS INFORMED

25,000+ readers read THE GATEWAY in over 7,500 companies

November 2019




**ITS** INDUSTRIAL  
TRANSFER &  
STORAGE INC.

SEE PAGE 3



**National Riggers  
Month 2019**

SEE PAGE 15

COVER PHOTO : INDUSTRIAL TRANSFER & STORAGE INC. | 7 West Dudley Road | Dudley, MA 01571



**ROUTING**

- Buyer \_\_\_\_\_
- MFG Engrg \_\_\_\_\_
- Mat Mgr \_\_\_\_\_
- Production \_\_\_\_\_
- Marketing \_\_\_\_\_
- Other \_\_\_\_\_
- Return to \_\_\_\_\_

# CONTENTS

NOVEMBER 2019 | ISSUE 245

## COMPANY SHOWCASE

**03** ITS (Industrial Transfer & Storage Inc.)

## INDUSTRY INSIGHTS

**15** National Riggers Month 2019

## INDUSTRY NEWS

**22** Regional Press

**22** Classifieds

**24** Upcoming Events

The season of giving has arrived, and with that we'd like to send out a hearty helping of thanks to all of you that have made the Gateway Magazine the trusted source for all manufacturing industry needs for the last 20 years. All of you, our loyal advertisers, make what we do possible. We're always on our toes over here, and we love what we do, which is shedding some light on all of you. We want to give thanks for making our jobs interesting and helping us to help you get the word out on your respective product and service offerings to the rest of the industry. Quite simply, we're still around because you've made us a part of your families, and we're happy that you're all apart of ours. We're deeply grateful. Here's to you!

We keep asking the question, but it remains relevant: Have you engaged with us on our social media channels (Facebook, Instagram, LinkedIn, and Twitter)? Think about the benefits of showcasing some of your work in the digital world for people to look at, ponder, and take notice of. A lot of shops are enjoying the benefits of social media to drive a quick bit of attention to that part they just pulled out of production and are readying for shipment. If you're trying to make people aware that your shop exists, keep your social channels up to date. You'd be surprised at how much it can help. And if you need help, we're happy to help you navigate those waters.

Enjoy the fruits of all your hard work this Thanksgiving season... Take some time for yourself and spend a few moments with family, friends, and coworkers, and raise a toast to what the future may and will bring. Together we can accomplish great things. And again, with that in mind, we thank you for keeping us abreast on everything you've had going on and will continue to have going on as 2019 creeps into 2020.

Insert the sound of clinking glasses here.

We'll catch you next month!



THE  
**Gateway**  
MAGAZINE

## PUBLICATION MANAGER

Matthias Roberge

## EDITORIAL DIRECTOR

Chris Hislop

## ART DIRECTOR

Adam Kaufmann

## ONLINE MARKETING

Adam Kaufmann

Beau Pingree

## ADVERTISING INQUIRIES

(877) 463-4020

[info@thegatewaymag.com](mailto:info@thegatewaymag.com)

Hours: 9am-5pm Mon-Fri

## MAILING ADDRESS

871 Islington Street, B105

Portsmouth, NH

03801

## FOR FREE SUBSCRIPTIONS

[www.thegatewaymag.com](http://www.thegatewaymag.com)

## CHANGE OF ADDRESS:

In ordering a change of address, give both the old and new addresses. Allow two months for change to become effective. The publisher will attempt to handle unsolicited articles with care, but magazine assumes no responsibility for them.

November 2019



© 2019: Reproduction in whole or in part without permission is strictly prohibited.

# Ventilation Without Losing Heat! with *BPE*<sup>™</sup> Air-To-Air Heat Exchanger

## **SOLUTIONS** ▶▶

- Humidity Issues
- Air Quality Issues
- Odors Into Offices
- Saving Energy \$\$\$\$\$\$\$\$\$\$
- Employees Health Concerns
- Lack Of Breathable Fresh Air
- Utilize Compressor Heat



**CALL NOW: 800-622-8078**

**WWW.VENTUSA.COM**

## **FRESH AIR VENTILATION SYSTEMS**



## ◀◀ **SOLUTIONS**

- Cold Drafts
- Summer Cooling
- Hot & Cold Areas
- Negative Pressure
- Fumes, Odors, Haze
- Process Heat Issues
- Stale, Stagnant Air Quality
- Employee Health Concerns

**- LET'S CREATE A HEALTHIER ENVIRONMENT FOR YOUR EMPLOYEES -**

### **Why Invest In Your Employees?**

- Let Them Know You Care!
- Make Their Health A Priority!
- Valued Workers Will Be Job Focused



**800-622-8078 • [www.VentUSA.com](http://www.VentUSA.com)**

## INDUSTRIAL TRANSFER &amp; STORAGE INC.

SUCCESSFULLY MOVING INDUSTRY SINCE 1984



**Industrial Transfer & Storage (ITS) in Dudley, MA has been rigging heavy equipment since 1984.**

Since then ITS has become a full service industrial contractor providing all the services required to move, install, set up, and maintain your entire facility or just one piece of production equipment while keeping your operations running with minimal down time. But the company's history doesn't start here. It begins in 1905 when it was known as Southbridge Trucking Company and specialized in moving raw materials, unfinished textile goods, and households. Over the years it changed hands several times until 1984 when it was purchased by the current owner, Carter Cooley. He used his 20 year background in manufacturing engineering and management, including manufacturing restructuring and plant relocation, to move the company forward to where it functions today.



As Carter looks to retirement and transitions away from the day to day operations, his son Eric Cooley, President of ITS with a crew of 40 talented riggers, drivers, and fabricators – along with a team of knowledgeable estimators and project managers – has expanded the company's portfolio to include a custom fabrication department, an engineering design department, and forward thinking retail customers that have allowed ITS to broaden their capabilities beyond just rigging.



But the foundation set by Carter remains solid: to exceed customer expectations by fostering loyal business relationships through quality services, and by providing a safe, stable, and rewarding environment for their team of employees.


At Industrial Transfer & Storage their expert riggers are capable of handling all types of production machinery, including injection mold machines, CNC, metal working machines, and press brakes. ITS is more diversified than most to handle these strategic projects due in part to their four Versa-Lifts. The Versa-Lift is a unique forklift in which the frame extends in order to achieve greater capacities and is equipped with a removable hydraulic boom. The largest in their fleet, the 60/80 has a lifting capacity of 100,000 lbs. Additionally ITS can utilize one of their 40 various forklifts, trailers, tractors, flatbeds, certified slings to 45 tons, shackles to 50 tons, articulated man lifts up to 120', scissor lifts, and multiple sets of 30 ton and 80 ton Poly Dollies for epoxy, cleanroom, and Stonhard floors. They've even equipped several forklifts with white tires when the job calls to keep floors pristine. Over the last 30 years ITS has refined and invested in their services, machinery, and strategies for helping customers with complicated plant relocations or simple machine moves and installations.

(CONTINUED ON PAGE 6)





EXPERT RIGGERS ARE CAPABLE OF HANDLING ALL TYPES OF PRODUCTION MACHINERY, INCLUDING INJECTION MOLD MACHINES, CNC, METAL WORKING MACHINES, AND PRESS BRAKES.

ISO: 9001:15



*Precision Sheet Metal Fabrication*

## WE DO IT ALL!



**Precision Sheet Metal Fabrication**  
Capacity: 1/4" Mild & Stainless Steel, Aluminum, Lexan & More!

Our 70+ yrs. Engineering experience assures your project the BEST input our Engineering Dept. can offer.

3D Design Assistance  
Prompt Attention & ON TIME Delivery

### From Prototype to Production

7 BROOKFIELD STREET  
Worcester, MA 01605  
SALES@HOWARDPRODUCTS.BIZ  
508-757-2440



7 & 9 Electronics Ave Danvers, MA 01923

## PROCESS

- ▶ Anodizing, Black, Clear, Red, Blue, Gold, Green
- ▶ Anodize, Hard
- ▶ Black Ebonal
- ▶ Black Oxide
- ▶ Black Passivate
- ▶ Brass
- ▶ Bright & Matte Tin
- ▶ Bright Dip
- ▶ Bright Nickel
- ▶ Cadmium
- ▶ Caustic Etching
- ▶ Chemical Film
- ▶ Copper
- ▶ Electroless Nickel
- ▶ Electropolish
- ▶ Gold
- ▶ Passivate
- ▶ Phosphate
- ▶ Pickling
- ▶ Rhodium
- ▶ Silver
- ▶ Zinc





## SERVICES

- Clean Room Finishing
- Sandblasting
- Baking—High Temperature
- Salt Spray Corrosion Testing
- X-ray Florescence Thickness
- Vapor Blasting
- Buffing
- ROHS COMPLIANT CHEMICAL FILM
- ROHS COMPLIANT ZINC
- Environmentally Responsible
- High Tech Waste Management
- Quick Turnaround
- Sample Pieces

ISO 9001:2008, 8251QM8001, 11 May 2013

**Tel: 978-223-4292**

**Fax: 978-223-4297**

Web: [www.tdfmetalfinishing.com](http://www.tdfmetalfinishing.com) Email: [info@tdfmetalfinishing.com](mailto:info@tdfmetalfinishing.com)

## Gear & Spline Specialists Since 1954!

**AS9100 REV C & ISO9001:2008 CERTIFIED**




**UNITED GEAR & MACHINE, CO.**

1087 EAST STREET SOUTH  
SUFFIELD, CT 06078  
860.623.6618 FAX: 860.654.1521  
SALES@UNITEDGEARCT.COM

NO JOB TOO SMALL!

## WWW.UNITEDGEARCT.COM

SPUR GEARS • HELICAL GEARS • WORM GEARS • KEYWAYS  
INTERNAL GEARS • BROACHING • GEAR GRINDING • FACE GEARS  
• BEVEL GEARS • SPROCKETS/TIMING BELT PULLEYS

## WE CUT STRAIGHT BEVEL GEARS



# STOP SAWING BLANKS

By "feeding" your lathe multi-spindle screw machine blanks up to 3½" diameter, these blanks are often produced:

Two per index (Cheap)  
with 90%+ of the material removed

Triple Your Output  
Double Your Margins!

Your Lathes Become Finishing Machines.  
*(Close Tol., Fine Finish, Beautiful Threads)*

Discuss with Bob Today:

603-542-0005  
[bob@gmmetals.us](mailto:bob@gmmetals.us)

Green Mountain Metals • Claremont, NH 03743



In addition to rigging, Industrial Transfer & Storage provides comprehensive millwright services.

Using state-of-the-art methods and a proactive safety program, their experienced team of millwrights and project managers can safely install, level, and align all types of production machinery. They can get your equipment and machinery properly relocated with minimal delay.

But wait, there's more!

ITS isn't just a rigging and millwright services purveyor. In 2005 they added high quality structural fabrication, design, and welding services to their capabilities. What started out as a side venture to construct mezzanines, railings, and stairs for customers has today turned into its own self-supporting department with customers in manufacturing and government/military sectors

counting on us for customized fixtures and designs. Materials used include carbon steel, stainless steel, and aluminum. In 2017 a 12' x 10' Plasma Table was added to the shop to initially fulfill a large customer order, but now is in high demand for myriad project needs; proving once again that ITS will go above and beyond for their customers when called upon.

Above all else, safety is the number one priority at Industrial Transfer. Rigging is very dangerous and if not approached correctly can result in severe injury or death. An experienced rigger will take precise measurements, confirm weights, be familiar with the machines complexities, and any further challenges the floorplan presents prior to lifting and moving the machine.

(CONTINUED ON PAGE 8)



# Teflon™ coatings

Improve part performance  
with unique properties of Teflon™ coatings!

Coatings can be applied to:

- metals
- elastomers
- ceramics
- composites
- rubber
- glass



## As a licensed industrial applicator, Donwell...

- provides custom coating services to your specifications.
- coats both small and large parts to close tolerances in quantities from 1 to 1,000,000.
- has over 50 years of high-performance coating application expertise.



1-800-864-2702  
www.donwell.com

For FREE Coating Sample



Use of the Teflon™ mark requires a direct trademark license. Customers and distributors of Donwell can only resell LICENSEE's product as licensed with the Teflon™ mark.



## RIGGING & FABRICATION



- Lifting Capacity Over 100,000 lbs.
- Servicing New England, The U.S., & Internationally
- New 10 x 12 CNC Plasma Table
- Specialists in Plant Relocation & Strategic Machine Moves

Successfully Moving Industry Since 1984

508-765-9178

Southbridge, MA • www.industrialtransfer.com

# HEAT TREATING



- VACUUM
- INTEGRAL QUENCH
- CONTINUOUS BELT
- NITRIDING
- STRESS RELIEVING
- ANNEALING

\*Pick up and Delivery Available\*

Certified By General Dynamics for AMS 2759

Aluminum Heat Treating      Long Vertical Capability  
Sandblasting                      Parts Cleaning  
Brazing                                Straightening

## COUNTY HEAT TREAT

32 Howe Avenue | Millbury, MA 01527  
Tel: (508) 865-5885 Fax: (508) 865-4033  
Website: www.countyheattreat.com

ISO 9001: 2008 CERTIFIED

Centrally Located in New England. 2 miles from MA Pike, Exit 10A  
24 Hour Service and weekends if Needed.

# HEAT TREATING

Vacuum High Pressure Quench

Non - Ferrous Heat Treat

Austempering  
Marquenching  
Carburizing

Nitrogen Tempering

Solution Heat Treating

Water Quenching

MATERIALS

High Speed Steels  
Alloy Steels  
Tool Steels  
Stainless Steel  
Aluminum  
Plastics



**HARDLINE**  
HEAT TREATING, INC.

OTHER SERVICES

- Bright Hardening
- Cryogenics to -300°F
- Glass Bead Blast
- Grit Blast Clean
- Plastics Thermal Treatment
- Precipitation Hardening
- Anneal & Normalization
- Metallography
- Stress Relieving

Consistent On Time Delivery  
Pickup & Delivery Available  
Member MTI / ASM

134 Ashland Ave. Southbridge, MA 01550  
www.hardlineheattreating.com

Tel: (508) 764-6669 Fax: (508) 764-6654



*Composite Fluidic  
Systems Inkjet Nozzle  
(Stainless Kapton)*



Rigging is not magic. It takes hours of planning, site visits, and proper strategizing to find the best and safest solution for the customer. For ITS, **safety starts before the workday begins**. Each morning all workers must review, understand, and sign a “Take 12” pre-task plan prior to starting a job.

The first action of the Take 12 is stretching. Stretching gets blood flowing, limbers the body, and sets a mental mood for the day ahead.

Secondly, all equipment is inspected and PPE accounted for before leaving the yard.

Thirdly, locations of exits and emergency equipment is also part of the Take 12 and must be communicated to all workers upon arrival to the site.


These, along with a list of questions pertaining to the crew (new employee? Special training?), site conditions (weather? Fall protection? Execution risks?), and expected tasks (lockout / tag-out? Hot work permit?) all ensure that the employee and customer are safe on the job and return home to their families every night.

Additionally, ITS is constantly improving the company’s fully compliant safety programs to ensure its policies meet or exceed those set forth by their customers. Safety programs also

SERVICING CLIENTS GLOBALLY



(CONTINUED ON PAGE 10)



**We Armor Your Assets**

# MuShield®

AS:9100D | ISO 9001:2015 Certified | ITAR Registered Company

For over sixty years, The MuShield Company has been a worldwide industry leader as a manufacturer of custom magnetic shields and precision sheet metal fabrication.



ITAR-Registered  
Manufacturer



For Orders and Pricing:  
Contact MuShield today for more information  
[ 888.669.3549 ]

The MuShield Company, 9 Ricker Avenue, Londonderry, NH 03053 | Toll Free: 888.669.3539 | info@MuShield.com  
[MuShield.com](http://MuShield.com) | [MuMetal.com](http://MuMetal.com) | [HydroformingManufacturing.com](http://HydroformingManufacturing.com) | [CryoPermShielding.com](http://CryoPermShielding.com)



10 Riedell Rd  
Douglas, MA 01516  
508-476-1200

Visit us at [monalexmf.com](http://monalexmf.com)

At our facility, you'll find state of the art CNC equipment and tooling, used to engage in machining of raw material to customer specification. We currently serve industries for oil and gas, aerospace, medical, automotive aftermarket—just to name a few.

While we work with typical materials such as **steel, aluminum, and plastics**, we also excel in working with **STAINLESS STEEL AND EXOTICS SUCH AS: TITANIUM, HASTELLOY, MONEL, AND MORE!**

**"Machining with precision and efficiency for over 27 years!"**



We use the Micro-Vu Vertex Automated Precision Measurement System-- which stands boldly up to the challenge of perfecting the inspection process!

**We gratefully accept the challenge that each new job brings!**

adhere to State and Federally regulated requirements. Mandatory weekly safety meetings are held and all riggers and fabricators have completed OSHA 10 training and several have completed OSHA 30.

Should you need storage services, Industrial Transfer & Storage possesses over 60,000 square feet of warehouse space for either commercial or industrial storage. Whether you require short-term or long-term storage solution, they have the capability to warehouse and ship your equipment as specified, regardless of size, quantity, or destination. ITS offer storage of large, bulky, and unusual items. In addition, ITS supplies crating and packing services for all items regardless of weight, size, or destination. We offer IPPC Certified wood products for international destination packaging.

When you can call any rigging company for your machine moves what makes ITS stand out above the rest? It's our core values: Integrity, Teamwork, and Safety.

#### INTEGRITY

Being honest and ethical above everything else.

#### TEAMWORK

Working together to do the things we are supposed to do, when they are supposed to be done, and working with urgency to meet customer needs.

#### SAFETY

Acting safely in everything we do, every step of the way.

***Industrial Transfer & Storage is a member of the:***

- **MMA** – Massachusetts Movers Association
- **MMA** – Massachusetts
- **NELMA** – Northeast Lumber Manufacturers Association
- **SC&RA** – Specialized Carriers & Rigging Association

#### OUR MISSION:

*Our mission is to exceed customer expectations by fostering loyal business relationships through quality services, and by providing a safe, stable and rewarding environment for our employees.*



INDUSTRIAL  
TRANSFER &  
STORAGE INC

7 West Dudley Road  
Dudley, MA 01571

800-521-5534

[www.industrialtransfer.com](http://www.industrialtransfer.com)

[www.linkedin.com/company/industrial-transfer-&-storage](http://www.linkedin.com/company/industrial-transfer-&-storage)



[www.facebook.com/IndustrialTransfer](http://www.facebook.com/IndustrialTransfer)



# ELECTROPOLISHING SERVICES

- ⊖ New England's Largest Electropolisher
- ⊖ ISO 9001 & 13485 Certified
- ⊖ 12 Electropolishing Lines
- ⊖ Precision Rates of Removal (.0001")
- ⊖ Small & Large Parts
- ⊖ Custom Packaging Services
- ⊖ Expedited Service Available



New England Electropolishing  
800-672-6616  
[www.neelectropolishing.com](http://www.neelectropolishing.com)  
[sales@neelectropolishing.com](mailto:sales@neelectropolishing.com)

# HEAT TREATING

- Vacuum High Pressure Quench
- Non - Ferrous Heat Treat
- Austempering
- Marquenching
- Carburizing
- Nitrogen Tempering
- Solution Heat Treating
- Water Quenching

- MATERIALS**
- High Speed Steels
  - Alloy Steels
  - Tool Steels
  - Stainless Steel
  - Aluminum
  - Plastics



**HARDLINE**  
HEAT TREATING, INC.

- OTHER SERVICES**
- Bright Hardening
  - Cryogenics to -300°F
  - Glass Bead Blast
  - Grit Blast Clean
  - Plastics Thermal Treatment
  - Precipitation Hardening
  - Anneal & Normalization
  - Metallography
  - Stress Relieving

Consistent On Time Delivery  
Pickup & Delivery Available  
Member MTI / ASM

134 Ashland Ave. Southbridge, MA 01550  
[www.hardlineheattreating.com](http://www.hardlineheattreating.com)

Tel: (508) 764-6669 Fax: (508) 764-6654

# Contract Cutting Waterjet

Waterjet

A customer service driven company since 1967.

- Large work areas
- Pallet changer
- Superior nesting software for optimum yield
- Prototypes and production



Laser



Learn more...

1-800-969-3437

Visit us at [www.sharpliesdie.com](http://www.sharpliesdie.com)

**SHARPLIES**

W. R. Sharples Company, Inc.

211 John Dietsch Sq., N. Attleboro, MA 02763

# RIGGING AND HEAVY HAULING

- ◆ 70 Years Experience
- ◆ Forklift Capacity to 60,000 lbs
- ◆ Machinery Moving
- ◆ Mill-Wright Services
- ◆ Domestic & Export Crating
- ◆ Inside Storage / Warehousing



Tel. (603) - 623-1533

**RIGGERS**

[lpcote.com](http://lpcote.com)

# ABLE Air

## Air Compressor Sales and Service

Serving  
Vermont,  
New Hampshire  
and Maine

www.ableairne.com

- We service ALL Brands of compressed air equipment
- Compressors, vacuum pumps, air dryers, blowers...etc.
- 24-hour emergency service
- Air piping design and installation
- Flow and KW metering

- Reliable
- Energy Efficient
- Fixed speed from 3 hp to 605 hp
- Direct coupled one-to-one drive compressors
- Variable speed drive compressors from 10 hp to 350 hp
- German engineering at its finest!
- Rotary screw compressors for every budget!

OVER  
50 YEARS OF  
SERVICE



**KAESER**  
COMPRESSORS  
*Built for a lifetime.*

**New England's Original Dealer and Still the Best Place to Buy Your New Kaeser**

**For prompt, professional service, call: 1-800-462-0228**

**Serving New England For Over 50 Years**



## TRACEY

GEAR & PRECISION SHAFT

ISO 9001 CERTIFIED

Custom Gears  
Thread Grinding  
& Precision Shafts

Serving New England  
since 1945

740 York Avenue  
Tel: 800-774-GEAR

Pawtucket, RI 02861  
www.traceygear.com

sales@traceygear.com



## WE DO IT ALL!



### Precision Sheet Metal Fabrication

Capacity: 1/4" Mild & Stainless Steel,  
Aluminum, Lexan & More!



Our 70+ yrs. Engineering experience  
assures your project the BEST input  
our Engineering Dept. can offer.

3D Design Assistance  
Prompt Attention & ON TIME Delivery

## From Prototype to Production

7 BROOKFIELD STREET  
Worcester, MA 01605  
SALES@HOWARDPRODUCTS.BIZ  
508-757-2440



"EVERY DAY IS A NEW DAY. IT IS BETTER TO BE LUCKY. BUT I WOULD RATHER BE EXACT.  
THEN WHEN LUCK COMES YOU ARE READY." – ERNEST HEMINGWAY

# VACUUM AND ATMOSPHERE HEAT TREATING + BLACK OXIDING

## PROCESSES

- ◆ Hardening
- ◆ Tempering
- ◆ Annealing
- ◆ Carburizing
- ◆ Carbo-nitriding
- ◆ Normalizing
- ◆ Stress Relieving
- ◆ Precipitation HT
- Commercial Black Oxide
- ISO 9001 and AS 9100



**Nadcap  
Certified**

**Federal  
Firearms  
License**

## MATERIALS

- ◆ Tool Steels
- ◆ Stainless Steels
- ◆ High Speed Steels
- ◆ Alloy Steels
- ◆ Carbon Steels
- ◆ Super Alloys
- ◆ Non-Ferrous
- ◆ PH Steels



Tel: 860-523-9090  
Fax: 860-236-8052  
565 Cedar Street  
Newington, CT 06111  
Andy@sousacorp.com  
www.sousacorp.com

## WHERE QUALITY COUNTS

# CNC Machining

**Prototype & Production Quantities**  
Let us put our engineering and machining talents to work for you!

**Precision Milling**  
AutoCAD Design  
Master CAM Machine

**Precision Turning**  
Design Capability  
Quick turnaround

Personalized Service

**Now offering LASER PART MARKING**  
Using our new  
**TRUMF VMCI LASER MARKING MACHINE**



We offer one-stop shopping where we will handle your complete job. So whether heat treated, plated or painted we can supply to your requirements the way you want it.

ISO 9001:2000  
SAE AS9100

## R & S REDCO, INC

106 Finnell Drive. Ste 24 Weymouth, MA 02188  
Tel: 781-331-4300 Fax: 781-331-4800  
www.rsredco.com Email: sales@rsredco.com

# JCB

Performance Machine, LLC

(603) 415-0110 Concord, NH



## PRECISION MULTI-AXIS MACHINING

Specializing in Mill/Turn Machining of  
Stainless Steel and Non-Ferrous metals:

316L • 304L • Nitronic 50/60  
17-4 H1150 • HH1150 • H900



www.jcbperformance.com



## RECYCLE YOUR CARBIDE

Inserts, Drills, Solids, Sludges, Filters



**ReCarb**  
Tungsten Carbide Recycling

Call: **617-593-8242**

or visit [www.recarbllc.com](http://www.recarbllc.com)

28 Wolcott Street

Readville, MA 02136

Serving Greater Boston Since 1927



# SMITH & SONS MACHINE INC.

*4th Generation Family Owned*

Family owned & operated for 90+ years



**MACHINING • WELDING • FABRICATION • WATERJET • FULL-SERVICE REPAIR SHOP**

Now providing in house  
waterjet services



- ▶ Portable machining and line boring
- ▶ Mig, tig and stick welding
- ▶ Comprehensive sheet metal fabrication
- ▶ Full service mechanical repair
- ▶ On site crews available

[www.smithandsonsmachine.com](http://www.smithandsonsmachine.com)  
[info@smithandsonsmachine.com](mailto:info@smithandsonsmachine.com)

**508-857-5711**

20 Holland St. Brockton, MA

INTERESTED IN BEING  
SHOWCASED IN THE  
GATEWAY?

[chris@thegatewaymag.com](mailto:chris@thegatewaymag.com)

*or*

**(877) 463-4020**

WE ARE ALWAYS LOOKING  
FOR GOOD STORIES.

**PRECISION MACHINING & GRINDING**  
Milling, Turning, ID, OD, Blanchard & Surface Grinding



**207-784-3996**

Serving New England  
Since 1974, From Short  
Runs To Production

PRECISION MACHINING

9 Enterprise Street, Lewiston, Maine

[ELCO@ROADRUNNER.COM](mailto:ELCO@ROADRUNNER.COM)



**PAUWAY CORP.**



**THINK OF THE FINISH BEFORE YOU START!**

Aerospace & Defense Painting • C.A.R.C. Coating Specialists  
Dry Film Lube & Teflon Coatings • Industrial Painting  
EMI/RFI Shielding • Powder Coating • Silk Screening  
Pad Printing • Laser Marking & Engraving • Contract Manufacturing  
Assembly • Custom Packaging • Stripping & Sandblasting

866-247-4082  
63 North Cherry Street  
Wallingford, CT 06492

AS9100 & ISO 9001 Certified  
[www.pauwaycorp.com](http://www.pauwaycorp.com)

## MOVING THE MANUFACTURING INDUSTRY FROM POINT A TO POINT B

### RIGGING AT A GLANCE



#### **It's no surprise that the first day after Manufacturing Month, November 1st, is National Riggers Day.**

Rigging is essential to several industries, and manufacturing is one of the most important.

What is rigging? Chances are, you already know. But, for those still weighing out the options on how to move substantially heavy loads (pieces of equipment that will/do reside on your shop's floor, or a product you're looking to push out to a customer), your call to your local rigger will be a lifesaver.

In short, rigging is the act of attaching the heavy load in question to the crane and/or truck that's lifting and hauling it to its end destination. In order to get that load in question off the ground, it must be balanced and properly assessed to be certain that the means of transport are correctly positioned. If the load shifts, it could be cause for serious concern which can include injury to human resources, and substantial damages to property. The consequences of failure are inexplicably vast.

Rigging isn't the everyday man's guessing game. It involves rigorous preparation and stout engineering skills.

The riggers job then, is to carry out the work outlined above. A rigger, the very person we celebrate on National Riggers Day (which began in 2013), attach loads of equipment to cranes or structures using:

- Shackles
- Cables
- Chains
- Clamps
- or Straps

Riggers use various suspension techniques to get their load around obstacles at such places as a:

- Construction site
- Loading dock
- Farm
- Medical facility
- Military base/site
- Event site
- Shop floor of a manufacturing facility set exactly to the desired location and height





## LET'S START WITH WHERE WE STARTED

### 1. *Riggers (Load handlers)*

Riggers can (should!) have a very extensive background. Some are “qualified” and some are “certified” which is an important distinction to make depending on your requirements/level of comfort. “Qualified,” in general, pertains to accumulated experience, while “certified” is literally as it suggests – a series of studies, examinations, and rigorous trainings. Many riggers have worked in different fields ranging from mining, oil, manufacturing, steel, and construction, among others. Riggers are by-and-large the hands on resources who are on the forefront of calculating, staging, lifting, and moving the load in a safe and efficient manner.

## THE RIGGING INDUSTRY AT A GLANCE:

Riggers are the first line of defense when you start digging in to figure out how to achieve what seems like an impossible task on the surface (quite literally, “how the heck am I going to move that from (A) to (B)? If you’re in the manufacturing industry, this question is going to come up at least once in your career; more than likely it’ll happen several times.

So let’s get into it. The way we see it, there are three main components to the rigging industry that help you accomplish the aforementioned challenge of delivering a large load to the destination in question.



---

RIGGING ISN'T EVERYDAY MAN'S GUESSING GAME. IT INVOLVED RIGOROUS PREPARATION AND STOUT ENGINEERING SKILLS.

---

As mentioned, the rigger and their role includes aspects of calculation and precision placement of load moving equipment and other applicable objects. Quite often, the rigger you hire will also play something of an administrative role and will have the contacts in their network with regard to calling in a trucking and/or crane companies for the long haul of a move. Which brings us to the next component...

### 2. *Truckers (Transport)*

You’d be surprised at what a truck can haul. There’s an appropriate sized trailer/bed for every move/object you can imagine. Thus, the trucker is your best friend after you’ve sized things up with the job’s rigger. The trucker understands how to get the task at hand from point A to point B with relative ease. That said, the haul is not often without challenges depending on the size/weight of the job and the terrain that lay ahead.

(CONTINUED ON PAGE 18)

# HYDE™

Industrial Blade Solutions

# Blades and Knives

*Do you have an industrial knife or blade challenge? Hyde has solutions!*



- ☑ Made To Order Solutions
- ☑ Short Lead-Time Solutions
- ☑ Fast, Responsive Quotes



Machine Knives • Industrial Blades • Specials  
*cutting* Rubber • Paper • Food • Cloth & Textiles  
Hydraulic Hose • Packaging • Coated Abrasives

Our in-house capabilities include Laser Cutting, Blanking, Grinding, Vacuum Heat Treating, Honing and much more.

*ISO9001 Registered Quality System*

Hyde Industrial Blade Solutions • 54 Eastford Road, Southbridge, MA 01550

Ph: (800) 872-4933 or (508) 764-4344 • Fx: (508) 764-8172 • [www.hydeblades.com](http://www.hydeblades.com)

Serving Industry's Machine Knife and Industrial Blade Needs Since 1875

***Hyde Industrial Blade Solutions . . . Solutions You Can Count On!™***

## PRECISION FINISHING

# RPA

***Batch Deburring***  
***Bead Blasting***  
***High Energy Tumbling***  
***Microscopic Deburring***  
***Passivating***  
***Polishing***  
***Shot Blasting***  
***Vibratory Tumbling***

*ISO 9001:2008 Certified*

## PASSAVATING

T:603-335-2132

F:603-822-2407

[www.rpabrasives.com](http://www.rpabrasives.com)



Variables the trucker needs to take into consideration include road size, traffic, overhead clearance of bridges and over passes, turning radius, and, of course, (obvious to them, but perhaps not you) zoning regulations/restrictions. Put the driving to the trucker... Put the loading to the riggers, and finally we arrive at:

### **3. Crane Companies/Operators (Load movers)**

Riggers and truckers are obvious key components, but without this imperative piece of the pie, how on earth are you going to move that thing into its “final” resting spot? The Hulk is just a comic book character, people... Like the truck, cranes come in a range of sizes that can complete the task at hand.

I don't think we need to get into the particulars of what makes a crane valuable with respect to the completion to the job/move you're looking to accomplish. If it's big and bulky, a crane can move it – plain and simple. From the point of origin, to a truck, from the truck, to the point of final destination.

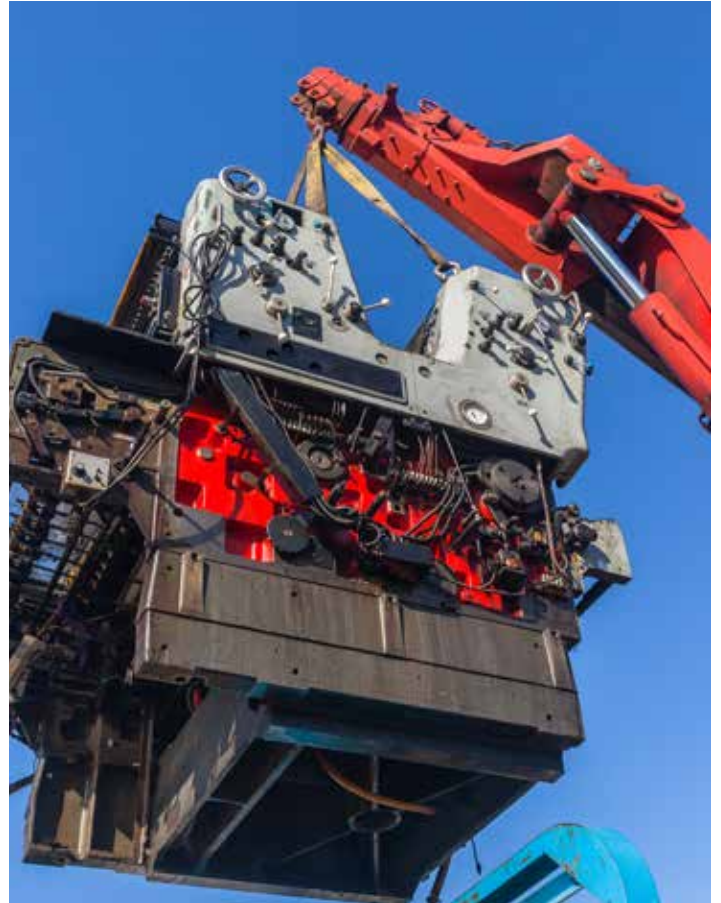
Let's circle back for a moment though and reflect on the subject we're shedding a light on here as it might pertain to your manufacturing goals and initiatives.

The rigger.

Without riggers, advancement in manufacturing would not be possible. Manufacturers rely heavily on riggers to haul, move, assemble and install, and even scrap their machinery to make room for new machines that produce products for today, tomorrow, and beyond. So I guess you could say that Riggers keep manufacturing moving forward one machine at a time. And if you're in need, flip through the pages of this Gateway Magazine that you hold in your hands and find the trusted source you're looking for.

Here's to National Riggers Day! If you've gone one in your life, reach out, show them a little appreciation, and shake their hand if they're standing right next to you. It's not an easy job, as we're sure you know – because quite frankly – when you hire a rigger to assess and see through such a move – your company's wellbeing/investment is in their hands.

**Fin.**



HAVE A STORY IDEA?  
LIKE WHAT YOU'RE READING?

*We would like to hear it.*

*Contact us to give us your input  
or feedback. We're always  
looking for new stories to discuss.*

**chris@thegatewaymag.com**

*or*

**Call: (877) 463-4020**

• Tungsten Carbide • EDM Wire • Inconel • Titanium • Ferrous • Nonferrous

*Specializing in Recycling Industrial Scrap*

# HARDING

## METALS, INC

Creating recycling solutions for any type of business

- Utilizing our easy to deal with staff
- With our clean and uniform equipment



Handling all types of metals, in any form

— From mild steel to high-temp aerospace alloys

— Chips, punchings, turnings, borings, skeletons, inserts, bits. **You produce it; we handle it.**

**Call or email us about Recycling and Reconditioning your Cutting Fluids**

1-800-370-JUNK (5865)

42 Harding Dr. Northwood, NH 03261

info@hardingmetals.com

www.hardingmetals.com

*Big enough to get things done, small enough to do them efficiently.*

## Water-Based Parts Cleaning Systems

# Alliance

Manufacturing, Inc.

Sales representative territories available



*Aquamaster CB-1200E  
Conveyorized Belt Cleaning System*



*Aquamaster CI-1400E  
Conveyorized Indexing Cleaning System*

- Custom configurations
- Ease of maintenance features
- Stainless steel construction
- Wide variety of applications
- Built to specific customer needs
- Environmentally friendly
- No solvents
- Made in the USA

For more information, contact us at  
1-800-969-7960 or visit [www.alliancemfginc.com](http://www.alliancemfginc.com).



# Consolidated Coating Company

POWDER & LIQUID COATING SPECIALISTS  
FOR PLASTIC AND METAL SUBSTRATES

## WE'RE PROFESSIONAL HOOP JUMPERS

IF THAT'S WHAT IT TAKES TO MAKE OUR  
CUSTOMERS HAPPY!



### Our Capabilities:

- PTFE/Non-stick Coatings
- Military/Defense
- Industrial
- Aerospace
- Dry Film Lubricants
- Antimicrobial & Biomedical
- RFI/ESD/EMI
- Batch Oven Processing
- Conveyorized Processing
- Pre-treatment - Zinc Phosphate, TT-C-490 Type I
- Decorative
- Functional
- Silk Screening / Pad Printing
- Masking
- Packaging
- Limited Assembly

**Get Your Quote: (508) 966-4800**  
**www.ConsolidatedCoating.com**

Call David Jacobson at (508) 966-4800 or email [david@consolidatedcoating.com](mailto:david@consolidatedcoating.com)

5 William Way, Bellingham, MA 02019 | [www.consolidatedcoating.com](http://www.consolidatedcoating.com)



## KV Tooling Systems



- Tool Re-sharpening & Grinding
- Custom Tools



GET A FREE QUOTE:  
**(207) 626-3377**  
[sales@kvtooling.com](mailto:sales@kvtooling.com)

"We guarantee our work so you can guarantee yours"

WE PROVIDE THE FINEST QUALITY  
CARBIDE AND HSS CUTTING TOOLS  
AND SHARPENING SERVICES

Save time and money with expert  
tool designs by KV Tooling Systems.

KV Tooling Systems  
285 Northern Avenue  
Augusta, ME 04330

[www.kvtooling.com](http://www.kvtooling.com)



# Machining Solutions

We Can Make The Difference When Time & Speed-To-Market Are Critical

## We Offer:

- ▶ Fast Response
- ▶ Engineering
- ▶ Design
- ▶ Consulting
- ▶ Prototypes
- ▶ Kitting
- ▶ Solidworks
- ▶ MasterCam 3D
- ▶ Assembly
- ▶ Value-added Service

## We Can Do:

- ▶ Laser Cutting
- ▶ EDM
- ▶ CNC Milling
- ▶ Laser Engraving
- ▶ Grinding
- ▶ Turning
- ▶ Welding



75 Oxford Ave.  
Dudley, MA 01571  
www.kokosmachine.com

Tel: 508-943-2700  
Fax: 508-949-0372  
info@kokosmachine.com

# High Efficiency Tri-Mist Coolant Mist Collectors Mist & Smoke Removal Assured

Efficient Oil/Coolant  
Mist & Smoke Removal

Effective with Both Oil  
and Water Soluble  
Metal Working Fluids

No Disposable Filters  
to Replace

Low Operating Cost  
Energy Efficient

Virtually Vibration Free



Made in the U.S.A.

Industrial Air Filtration

**Ketcham & Company, Inc.**  
www.ketchaminc.com  
203-322-6667

# MATERIALS TESTING

Waiting forever for your testing results?



## FineCut6™

A versatile abrasive  
cutoff saw manufactured  
and marketed by SMS

## Why?

Contact Us Now to Discuss our Lead Times

Failure Analysis - Metallography - SEM-EDS Analysis  
Mechanical Testing - Hardness - Corrosion - Chemical  
Coatings - Weld Analysis - Grain Size & MORE



info@smslabs.com | www.smslabs.com | 508-347-5288

8 Picker Rd, Sturbridge MA 01566



# SEEING YOUR COMPETITOR'S ADS IN THE GATEWAY?



So are your  
clients and  
prospective  
buyers.

INFO@THEGATEWAYMAG.COM  
OR (877) 463-4020

GET STARTED

**KV TOOLING SYSTEMS** - Located in Augusta Maine, provides the finest quality carbide cutting tools and sharpening services to manufacturing companies throughout New England. Their reputation stands firmly on a foundation of friendly customer service, industry knowledge, modern technology and equipment, manufacturing experience, and dedicated people.

The company was recently recognized with international acclaim for tool design. To the uninformed eye, the company's prizewinning cutting tool looks like fancy drill bit, with sculpted edges and sharp points. The carbide tool is used to cut precision machine parts. In this case, the tool was created for a customer who needed to inscribe grooves in aluminum military vehicle suspension components.

KV Tooling uses the ANCA line of CNC machinery. The ANCA machines are designed specifically to make cutting tools. ANCA, which is based in Australia with a U.S. branch headquartered in Michigan, now sponsors an international tool-making competition among its users.

The Tool of the Year competition starts with gaining votes on Facebook. From a field of 29 entrants, five would go on. Because of a tie in voting, six tools from companies in Turkey, Israel, Poland and the United States actually made the final cut.

Judging took place at EMO, the world's largest industrial trade show, in September in Hanover, Germany. Each contestant was judged on five criteria – craftsmanship, tool size tolerance, conformation to the tool tolerance, complexity and surface finished.

KV Tooling's took first in all five categories.

**For more information, visit [www.kvtooling.com](http://www.kvtooling.com).**

THE GATEWAY CLASSIFIEDS

ERP SYSTEM/JOB COST ANALYST

For over 60 years, The MuShield Co. Inc , located in Londonderry NH, has been an industry leader in the design and fabrication of magnetic shields made from high permeability mumetal and sheet metal hydroforming. We've long developed trust and working partnerships with our customers who come to us because they know that we can analyze their issue then design and build a solution for their magnetic interference problems.

**Please call (603) 666-4433**



**Plastic Fabrication & Distribution since 1972**

Fabricators - Distributors

Sheet • Rod • Tube • Custom Shapes

- CNC Routing
- Precision Cutting
- Machining
- Turning
- Milling
- Laser Cutting
- Plastic Welding




8 Liberty Drive, Londonderry, NH 03053 | 800.752.7759  
 Email: [sales@plasticsupply.com](mailto:sales@plasticsupply.com) | [www.plasticsupply.com](http://www.plasticsupply.com)

# Bodycote

- Specialists in the thermal processing of components used in aerospace & defense industries
- Maintains major accreditations (ISO 9001:2000, AS 9100, Nadcap) and approvals from prime aerospace manufacturers and their supply chains



Call **860.225.7691** or visit [www.bodycote.com](http://www.bodycote.com) for more information

BERLIN Connecticut    SOUTH WINDSOR Connecticut    IPSWICH Massachusetts    WORCESTER Massachusetts    LACONIA New Hampshire    CINCINNATI Ohio

### Processes

- Carburizing
- Electron beam welding
- Ferritic nitro carburizing
- Honeycomb brazing
- Induction treating
- Lindure®
- Nitriding
- Pit nitriding
- Vacuum heat treating & brazing

### Materials

- Aluminum
- High temp alloys
- Tool steels

## Precision Metal Fabrication Specialists

- LASER
- SHEARING
- STAMPING
- BENDING
- FORMING
- ASSEMBLY
- MACHINING
- DRILLING
- TAPPING
- GRINDING
- DEBURRING
- ROBOTIC WELDING
- WELDING (MIG, ARC, TIG AND SPOT)



1 West Main Street | South Hadley, MA | 01075  
 Tel: (413) 532-9022 | Fax: (413) 536-4647  
 Email: [info@tfabinc.com](mailto:info@tfabinc.com) | [www.techfabinc.com](http://www.techfabinc.com)



- ◆ Engineering Assistance
- ◆ Jit Deliveries
- ◆ Zero Defect Quality
- ◆ Prototype To Production
- ◆ Finishing Services
- ◆ CAD/CAM
- ◆ Dependable On-Time Delivery
- ◆ Accountability

## HIGH PERFORMANCE ALLOY SPECIALIST



**NICKEL  
 COBALT  
 STAINLESS STEEL  
 ALUMINUM ALLOY  
 ALUMINUM EXTRUSIONS**

**WATERJET CUTTING  
 EDM CUTTING  
 MILLING & TURNING  
 SAWING  
 SHEARING**



11 Britton Drive Bloomfield, CT 06002  
 Tel: 860-882-0019 or 800-214-0475  
 Fax: 860-882-0967  
[sales@aalloys.com](mailto:sales@aalloys.com)    [www.aalloys.com](http://www.aalloys.com)

- Near Net Shape Cutting
- Laser Quality Inspection
- Finish Machining



**ISO 9001:2000  
 AS 9100B Certified  
 P&W LCS APPROVED**



UPCOMING REGIONAL EVENTS

November 12: Plainville, CT

CTMA ROUNDTABLE MEMBER MEETING

[www.ct-ntma.org](http://www.ct-ntma.org)

November 7-8: Boston, MA

INDUSTRY OF THINGS WORLD USA  
EAST CONFERENCE

[www.industryofthingsworldusa-east.com](http://www.industryofthingsworldusa-east.com)

November 20: Hartford, CT

AEROSPACE ALLEY TRADESHOW

[www.industryofthingsworldusa-east.com](http://www.industryofthingsworldusa-east.com)

**Metal  
Stampings**  
Double Action    Deep Drawing

Washers • Discs • Rings  
**UP TO 80" Diameter**  
**500 TON CAPACITY**

Stampings to 3/4" thick  
Short or long runs  
Wire EDM



Tool & Die Makers  
Quick Turn Around  
CAD/CAM Design

**Peter Forg Mfg. Co.**

130 YEARS OLD AND GROWING

888-625-4577    Fax 617-625-0331  
50 PARK ST. PO Box 433 SOMERVILLE, MA 02143  
[www.peterforg.com](http://www.peterforg.com)

**Fast Hole, Wire and Sinker EDM  
Precision Tools, Dies, Jigs and Fixtures**

**Border Tool and Die,**

DBA Bengtson Tool and Die

240 Gale Street Canaan, VT 05903  
T: 802-266-9666    F: 802-266-9667

[richard.btd@gmail.com](mailto:richard.btd@gmail.com)



# CONNECTICUT TOOLING & MACHINING ASSOCIATION

**Dee Babkirk**

The Executive Suites

440 North Main St Bristol, CT 06010

Tel: **860-604-8963** | Fax: **860-254-7191** | [www.ct-ntma.org](http://www.ct-ntma.org)

If you have a question, or need more info, contact: [d.babkirk@centralctchambers.org](mailto:d.babkirk@centralctchambers.org)


## Qualified Tool and Gage Makers are Critical to Your Success!



Your manufacturing environment demands skilled tool and gage makers ready to take on every day challenges without delay.

- Does the need for precision tooling fixtures and gages have you scrambling to meet your customers requirements?
- Do you need a reliable, qualified tool room to manufacture your fixtures, tooling, and custom gages?

**We have the TEAM to help you!**

MADE IN AMERICA AT AN  COMPANY

 **Sirois Tool**

Website: [www.siroistool.com](http://www.siroistool.com)  
Phone: (860) 828-5327  
Email: [info@siroistool.com](mailto:info@siroistool.com)

 **Dow Gage**

Website: [www.dowgage.com](http://www.dowgage.com)  
Phone: (860) 828-2450  
Email: [sales@dowgage.com](mailto:sales@dowgage.com)

 **North American Spring Tool**

Website: [www.naspringtool.com](http://www.naspringtool.com)  
Phone: (860) 583-1693  
Email: [info@naspringtool.com](mailto:info@naspringtool.com)

The Sirois Tool Companies are located at 169 White Oak Drive • Berlin, CT 06037

 **UNITED**

**CENTERLESS GRINDING  
& THREAD ROLLING**

25 Rosenthal Street ■ East Hartford, CT 06108  
phone: (860) 289-2987 ■ fax: (860) 289-3142  
web: [www.unitedcgtr.com](http://www.unitedcgtr.com)  
e-mail: [njgoulet@unitedcgtr.com](mailto:njgoulet@unitedcgtr.com)



Precision Metal Stamping  
Precision Assembly

CNC Machining  
Secondary Operations

**The best place to start your  
precision metal part**

Phone: 860 -349-1756 | [www.hobsonmotzer.com](http://www.hobsonmotzer.com)

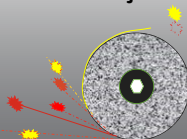
## PRECISION GRINDING

ID & OD GRINDING  
HONING

SURFACE GRINDING  
CNC CYLINDRICAL

© Top Quality © Any Quantity © Pickup & Delivery © Same Day Quotes

We serve job shops and do not do machining work!  
Don't turn jobs away if you don't offer grinding! We can help you!



**BAY STATE MACHINE, LLC**

21 Center Parkway Plainfield, CT 06374  
Tel: 860-230-0054 Fax: 860-230-0027  
[baystatemachine@hotmail.com](mailto:baystatemachine@hotmail.com)

**DYNAMIC BALANCING**



*Industrial, Medical & Commercial applications from one piece to large production runs.*

Pump Impellers - Fan Wheels - Prototype Development  
Gears - Motor Armatures - Sheaves and Pulleys -  
Flywheels - Couplings - Much More

8 Donnelly Road, PO Box 303 Spencer, MA 01562  
[www.ne-spintech.com](http://www.ne-spintech.com)

Tel: 508-885-5300 Fax: 508-635-6831

Companies that use  
WD-40....

Du-Lite's RG-55 cost less, last longer and protects parts from corrosion for up to 18 months when stored indoors.

ASK FOR FREE SAMPLES  
CALL 860-347-2505

OR EMAIL: [dulite@sbcglobal.net](mailto:dulite@sbcglobal.net)  
[WWW.DU-LITE.COM](http://WWW.DU-LITE.COM)

**WANTED OLD GAS FORK LIFTS**



We Buy Old Forklifts for Parts. Gas or Electric, Large or Small, Running or Not.

We pay reasonable prices. Call Walt 860-508-9164 Will Pick Up and Pay Cash

**Also Electric Forklift Batteries Wanted**

**WANTED OLD ELECTRIC FORK LIFTS**

Wanted Used Electric Forklifts, running or not.

Also looking for LARGE Used Batteries good or bad. Must be reasonable, we pick up and pay cash.

Call Walt: 860-508-9164





**Spur & Worm Gears  
Internal / External Splines  
Broaching, Hobbing, Shaping**



**JoVal Machine Company, Inc.**

515 Main Street Yalesville, CT 06492  
Tel (203) 284-0082 Fax (203) 284-9605

[www.jovalmachine.com](http://www.jovalmachine.com)

**MINI-BROACH MACHINE CO., INC.**

Contract Broaching Services, Broaches, Tooling,  
Broach Sharpening, & Broaching Machines, with  
over 45 years experience.

[info@Minibroach.com](mailto:info@Minibroach.com)

Tel: (978) 386-7959

Fax: (978) 386-7123



Rush Broaching Services Available!

Complete Bearing &  
Industrial Supply Solutions

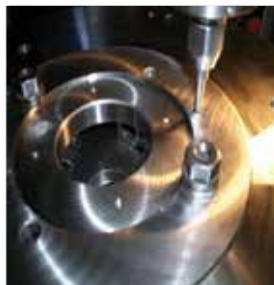


- ◆ BEARINGS
- ◆ MOTOR REPAIR
- ◆ BALL SCREW REPAIR
- ◆ ENGINEERED PROJECTS
- ◆ POWER TRANSMISSION PRODUCTS AND MUCH MORE



[www.qpgllc.com](http://www.qpgllc.com)

1-866-868-9574



PRECISION MACHINING  
- SINCE 1963 -

- Precision Machining -
- Toolmaking -
- Jig Grinding Service -

**CLASSIC JIG GRINDING**

[jiggrind@snet.net](mailto:jiggrind@snet.net)  
[classicjiggrinding.com](http://classicjiggrinding.com)

Ph (860) 870-4900

Fax (860)870-1900

**National  
Chromium**

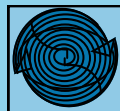
(860) 928-7965

(860) 928-7965

Fax (860) 928-1408

10 Senexet Road • Putnam, Connecticut • 06260

Plating of Hard Chrome, Electroless Nickel,  
Mass Finishing Media, Equipment and Supplies  
Mass Finishing, Tumbling & Deburring  
Web Page: [www.nationalchromium.com](http://www.nationalchromium.com)



Automatic screw machine and CNC  
Machined products for your industry

**Merrimack Manufacturing Company Inc.**

217 HARRISON ROAD • BRIDGTON, MAINE 04009  
TELEPHONE 207.647.3566 • FAX 207.647.3588

[mmc6@myfairpoint.net](mailto:mmc6@myfairpoint.net)

\* Also available: Inserts for rubber / plastic moldings

Federal Firearms Lic  
# 6-06-009-07-7G-03042



**YOUR ONE STOP SHOP  
FOR ALL YOUR PART MARKING NEEDS**

203-265-9366 | [sales@ctlaserengraving.com](mailto:sales@ctlaserengraving.com)  
[www.ctlaserengraving.com](http://www.ctlaserengraving.com)

**Quality Turned Machined Parts**  
New Hampshire Machine Products, Inc.

- QUICK TURNAROUND ON QUOTES
- JOBS PRICED COMPETITIVELY
- BROAD RANGE OF MATERIALS



**QUALITY TO CLOSE TOLERANCES:** Utilizing single spindle automatic screw machines from 1/32" through 2" capacity, as well as CNC equipment.  
**SUPPORTED BY:** A broad range of secondary capabilities to include drilling, threading, tapping, milling and slotting.  
**AUDIT INTENSIVE:** Complete internal tracking of all orders start to finish.  
**PROCESS CONTROLLED:** Includes raw material traceability.  
**QUALITY:** Quality assurance programs performed to MIL-STD-105D.  
**PRODUCTION RUNS:** From 50 to 100,000 pieces.

**CALL OR FAX US REGARDING YOUR SCREW MACHINE REQUIREMENTS AND WE GUARANTEE YOU A QUICK, COURTEOUS AND INTELLIGENT RESPONSE.**

**NEW HAMPSHIRE MACHINE PRODUCTS, INC.**



CUST. TEL: 1-800-639-9404  
 Reg. Tel: 603-772-4404 Fax: (603) 772-6043  
 10 KINGSTON RD.— P.O. BOX 975  
 Exeter, NH 03833  
[www.newhampshiremachineproducts.com](http://www.newhampshiremachineproducts.com)

E-Mail: [barbara@newhampshiremachineproducts.com](mailto:barbara@newhampshiremachineproducts.com)

**Fabricating & Machining Specialist**

- ▶ CNC Turning to 48" dia.
- ▶ CNC Milling (40" x 120")
- ▶ 250" Milling Travel
- ▶ 206" Turning Capacity
- ▶ Repair Specialist
- ▶ 100% Quality Control
- ▶ Certified Welding ASME Sec 8
- ▶ AWS Certified Aluminum, SST
- ▶ ISO 9000 Compliant
- ▶ Pickup & Delivery



**Innovative MACHINE • INC.**

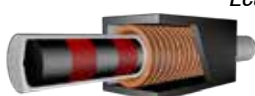
40 Snow Road • Winchester, NH 03470  
 Tel: **603-239-8082**

Fax: 603-239-6380

Contact: Terry Haskins

[www.innovative-machine.com](http://www.innovative-machine.com)

[tmhaskins@innovative-machine.com](mailto:tmhaskins@innovative-machine.com)



Leave the ball screw in the past...

Find out more!

With our linear shaft design, no mechanical force required to create motion like a ball screw so there is no backlash or wear.

- Lowest Cost of Ownership
- 10 Year Accuracy Guarantee
- Patented Linear Shaft Motor; No Ball Screw

**Current EDM**

- **Most Accurate** EDM Drill in the **WORLD**
- Small Hole Specialist
- **US Made** Machine Tool

**MC MACHINERY SYSTEMS, INC.**  
a subsidiary of Mitsubishi Corporation

**MILLENNIUM Machinery**

Office: 877-464-1148

Sales: 508-208-6800

[www.mcmachinery.com](http://www.mcmachinery.com)



**Waterjet & Plasma Cutting Machines**

## KV Tooling Systems



- Tool Re-sharpening & Grinding
- Custom Tools



GET A FREE QUOTE:  
**(207) 626-3377**  
[sales@kvtooling.com](mailto:sales@kvtooling.com)

"We guarantee our work so you can guarantee yours"

WE PROVIDE THE FINEST QUALITY CARBIDE AND HSS CUTTING TOOLS AND SHARPENING SERVICES

Save time and money with expert tool designs by KV Tooling Systems.

KV Tooling Systems  
285 Northern Avenue  
Augusta, ME 04330

[www.kvtooling.com](http://www.kvtooling.com)



## Wire & Sinker EDM Services

- ⚙️ 5 Axis Wire EDM
- ⚙️ Orbiting Sinker EDM

Tel: 207-743-7273  
Fax: 207-743-7269

**NORTHEAST TOOL & DIE CO., Inc.**

PO Box 28

16 Aldrich Ave.

Norway, ME 04268

[www.northeasttool.com](http://www.northeasttool.com)



- ⚙️ Metal Stampings
- ⚙️ Precision Machining
- ⚙️ Prototypes
- ⚙️ Fixture Tooling
- ⚙️ Compound Dies
- ⚙️ Progressive Dies
- ⚙️ Secondary Dies
- ⚙️ Injection Molds

Quality Tooling Solutions since 1992

THE  
**Gateway**  
MAGAZINE

ENJOYED THIS  
MONTH'S FEATURES?

Read these and many more  
on our website!

[WWW.THEGATEWAYMAG.COM](http://WWW.THEGATEWAYMAG.COM)

GO NOW!



PROMOTE YOUR COMPANY  
IN THE GATEWAY MAGAZINE

---

25,000+ readers read THE GATEWAY in over 7,500 companies

---

**info@thegatewaymag.com or call: (877) 463-4020**

THE  
Gateway  
MAGAZINE



871 Islington Street, B105 | Portsmouth, NH 03801 | Toll Free: 877.463.4020 | info@thegatewaymag.com

[www.TheGatewayMag.com](http://www.TheGatewayMag.com)