

## Gear Carburizing in vacuum

**Solar Atmospheres** provides low pressure vacuum carburizing (LPVC) that significantly increases the surface hardness/strength of steel parts for improved friction and wear.

LPVC does not produce intergranular oxidation (IGO), minimizing grind stock allowance. Our root-to-pitch ratio is consistent and we can carburize in blind or small holes. The parts will be returned to you soot-free and post-process cleaning is typically not required.

**Call today for a quote!**



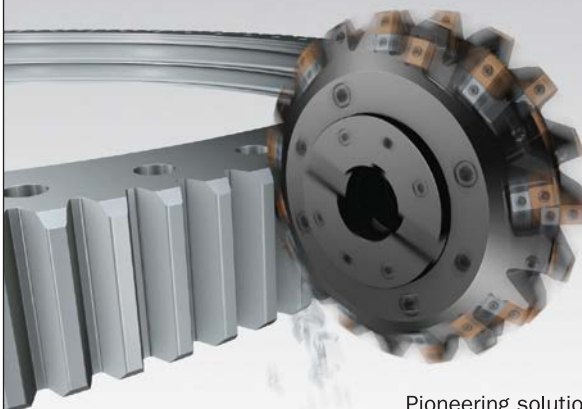
☎ solaratm.com

☎ 1-855-WE-HEAT-IT  
(934-3284)

Philadelphia Los Angeles  
Pittsburgh South Carolina

Visit us at Booth #N-6414

Sandvik Coromant : Booth W-1500, IMTS 2014



Pioneering solutions for years to come

Every day, we're in customer shops solving new machining challenges, finding ways to help them meet ever-increasing demands for quality, cost efficiency and productivity.

We're developing new tooling solutions to machine complex components in materials we didn't even dream of years ago.

Visit the Sandvik Coromant booth W-1500 at IMTS 2014 and check out the new tools and unique solutions we've developed for your business today, then get a sneak peek at what your shop might look like in the future – no crystal ball required.

**Meet your future goals here.**

[www.sandvik.coromant.com/imts](http://www.sandvik.coromant.com/imts)

Visit us at Booth #W-1500

One Chuck... Endless Possibilities

**TODAY**

**TONIGHT**

**TOMORROW**



To see how you can go from O.D. to I.D. to 3-jaw clamping all within a few minutes, visit us at



Booth W-2413

**America**  
**HAINBUCH**  
WORKHOLDING TECHNOLOGY

1.800.281.5734 Germantown, WI • [www.hainbuchamerica.com](http://www.hainbuchamerica.com)

Visit us at Booth #W-2413

**Don't pass up  
our offer to  
gear up!**



**Vacuum furnace supplier  
offering gear manufacturers  
furnace time to test  
carburizing process cycles.**

Solar Manufacturing, a leading manufacturer of advanced LPVC gear furnaces, is offering furnace time to test carburizing cycles of your production-size gears. Utilizing the carburizing expertise of affiliate, Solar Atmospheres, a commercial heat treating company, Solar Manufacturing will demonstrate the capabilities and ease-of-use of its high performance LPVC furnace systems for gear manufacturers.

**If you are considering adding  
or expanding gear carburizing  
processes in-house, contact  
Pete Reh, VP of Sales to arrange  
your carburizing demo.**

☎ 267.384.5040 x1509

✉ [pete@solarmfg.com](mailto:pete@solarmfg.com)

🌐 [solarmfg.com](http://solarmfg.com)



**SOLAR**  
**MANUFACTURING**  
Vacuum Heat Treat Furnaces

**Visit us at Booth #N-6414**

**oelheld**  
innovative fluid technology

**Innovative  
grinding fluids...**

**...to get your  
production into gear.**



**oelheld U.S., Inc.** • 1760 Britannia Drive, Unit 1 • Elgin, Illinois 60124  
phone: +1-(847)-531-8501 • fax: +1-(847)-531-8511  
E-Mail: [hutec-us@oelheld.com](mailto:hutec-us@oelheld.com) • web: [www.oelheld.com](http://www.oelheld.com)

**Visit us at Booth #N-7475**

**NACHI**

**AQUA Drill EX Flat**

**Advancing Manufacturing  
with Technology  
and Innovation**

**Introducing our New  
Tool Manufacturing Facility  
coming soon to Indiana...**

**Visit us at Booth #W-2279**

**Greenwood, Indiana**  
TEL: 877-622-4487 • FAX: 800-622-4439  
**[www.nachi.com](http://www.nachi.com)**

**IMTS 2014**

**Daily Chances  
to win a** **kindle fire HDX**

Amazon, Kindle, and Fire are trademarks of Amazon.com, Inc. or its affiliates. Amazon devices are given away on behalf of Nachi. Amazon is not a sponsor of this promotion.

**Visit us at Booth #W-2279**



Industrial  
Automation  
NORTH AMERICA

MDA  
NORTH AMERICA



## Invitation

to our

# GERMAN NIGHT RECEPTION

Tuesday,  
September 9, 2014  
6:00PM - 8:00PM

McCormick Place  
South Building | Level 4  
Vista Room Lobby

More information & registration:  
[www.gaccmidwest.org/german-night](http://www.gaccmidwest.org/german-night)



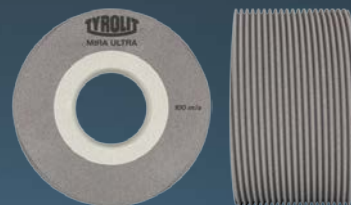
German American  
Chambers of Commerce  
Deutsch-Amerikanische  
Handelskammern

Visit us at Booth #E-4955

## COMPLETE LINE OF TOOLS FOR GEAR HARD FINISHING



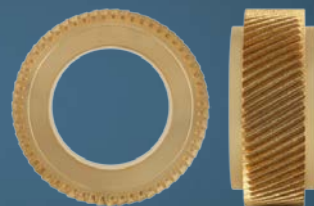
**MIRA ICE**  
PROFILE GEAR  
GRINDING WHEELS



**MIRA ULTRA**  
GENERATING GEAR  
GRINDING WHEELS



**MIRA BEVEL**  
BEVEL GEAR  
GRINDING WHEELS



**MIRA DDG**  
DIAMOND DRESSING  
GEARS FOR HONING

Learn more about Mira products - 800-851-1095 | [radiac.com](http://radiac.com)



Visit us at Booth N7440



Visit us at Booth #N-7440

## euro • tech

[www.eurotechcorp.com](http://www.eurotechcorp.com) ■ 262.781.6777 ■ [info@eurotechcorp.com](mailto:info@eurotechcorp.com)

**MyTEC    Frenco    Knäbel    Kostyrka    PG 1000**



hydraulic  
& mechanical  
workholding



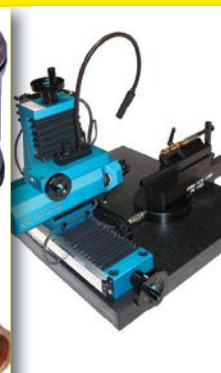
spline  
workholding



electronic  
& valve  
seat gaging



clamping  
gages



cutting tool  
inspection



**featuring new products new solutions**  
**SEE US AT BOOTH**  
**W-2453**

Visit us at Booth #W-2453



## Leader in spline rolling solutions for 60 years.

We were the first to commercialize spline rolling technology in 1954. Since then we've continued to innovate with machines, tooling, and consultative support.

## Innovation – It's How We Roll



Visit us at IMTS  
Booth N-7115

313-526-7865

Visit us at Booth #N-7115



## Power Transmission Engineering

**POWER TRANSMISSION ENGINEERING-**  
puts the POWER back in your cell phone or tablet.

Visit the FREE CHARGING STATION outside the Motion, Drive and Automation Pavilion in the East Hall at IMTS.  
Booth #E-4401



## Stop by GEAR TECHNOLOGY and meet the editors.

- Nearly 80 years of combined gear industry experience
- Learn more about contributing to *GEAR TECHNOLOGY*, *POWER TRANSMISSION ENGINEERING* or *GEAR TECHNOLOGY INDIA*.
- Find out how YOU could be featured in a future issue!

BOOTH #N-7214

