

# NewsBlast

StoneAge, Inc. P.O. Box 2907, Durango, CO 81302; Phone: (970) 259-2869; Fax: (970) 259-2868; www.stoneagetools.com

February 2004

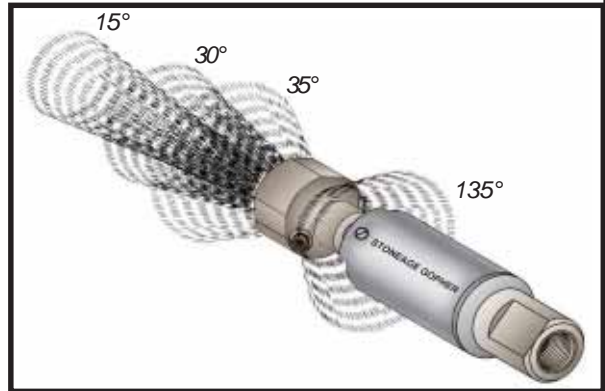
## Blasters Inc. Puts 40 Kpsi Gopher to Work

StoneAge's new 40 Kpsi *Gopher* is the first controlled rotation, self-rotating 2D nozzle designed for ultra-high pressure. The new *Gopher* was put to the extreme test by Blasters Inc. in Tampa, FL. By using controlled rotation and replaceable sapphire jets, this tool has proven to outperform all other methods attempted.

Calcium deposits in a brine concentrator at a local power plant were a frequent problem. The tubes are 2 inch diameter, 29 ft long. Buildup was excessive, especially in the high heat central zone with a number of tubes completely plugged. Several different jetting techniques were tried without success in the past, including 10 Kpsi, 20 Kpsi, fixed and rotating jets, and mechanical boring. Even at ultra-high pressure, other nozzles failed to get this tough job done.

Blasters used the *Gopher* with a 36 Kpsi, 6.5 gpm pump. The tool was setup with a multi-jet head combining three forward unplugging jets and two back pulling jets. It was connected to a flex lance and lowered into the tubes from the top while

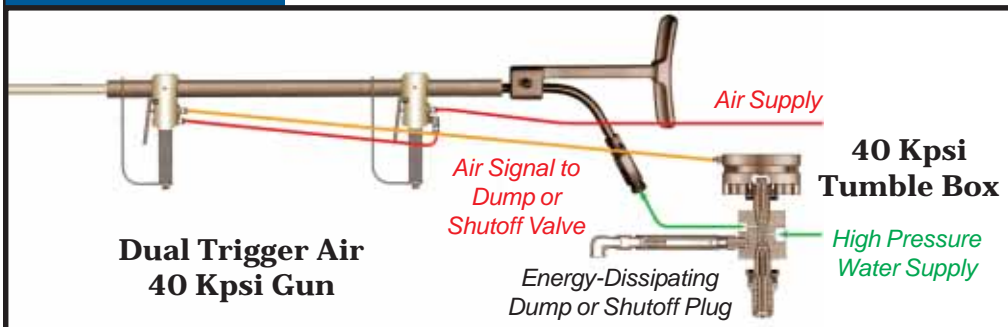
rotating at a controlled 700 rpm speed. It was extremely easy to use with minimal operator fatigue. Blasters has concluded that the 40 Kpsi *Gopher* is the only system capable of removing these hard calcium deposits to their customer's satisfaction.



*Gopher unplugging jets clean brine concentrator tubes*

The new *Gopher* can handle up to 40 Kpsi, at flows up to 12 gpm. It uses the same proven centrifugal rotation speed control as the *Barracuda* hand-held gun nozzle. Centralizers are available for piping up to 8 inches ID. The tool uses motor oil for lubrication, and the high pressure seal can be easily replaced in the field.

## Two 40 Kpsi Barracudas - One Pump



Designs.....BY FAR. The costs are hands down, much less expensive, and the downtime is practically non-existent." But how do you operate two *Barracudas* on one 40 Kpsi pump? If two dump guns are used, the pressure is lost to both guns when one is in pressure-dump mode. In that case the operator who doesn't expect loss of pressure will probably fall down due to the sudden loss of jet reaction thrust.

Users of the new *BC-UH* hand-held self-rotating gun nozzle send us comments like this. "We're extremely pleased with the UHP *Barracudas*, as compared with other Rotary Style Lance

The answer is a tumble box for each *Barracuda*, or "air operated multi-mode flow control valve". The tumble boxes are available from several manufacturers.



# What's New?

40 Kpsi Deck Blaster, DBUH



This year we introduce tools that give new utility, new economy to ultra-high pressure waterblasting. Whether the need is epoxy coating removal, hard pipe linings, or rock-hard plugs; ultra high pressure is the answer.

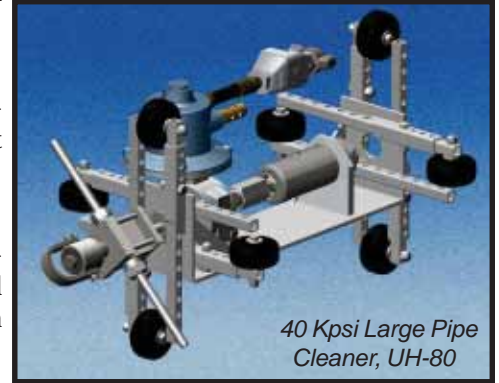
The **DBUH Deck Blaster** features on-board pressure dump and self propulsion so that maximum productivity can be achieved.

The **Gopher GO-H9** is the first 40 Kpsi self-rotating 2D nozzle available with proven speed control and easy field maintenance of the high pressure seal.

40 Kpsi Self-Rotating Gopher



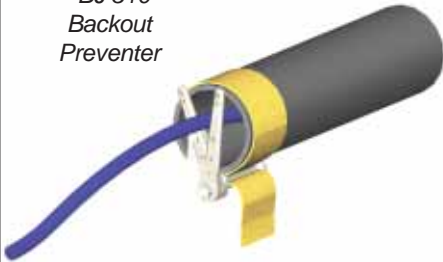
40 Kpsi Large Pipe Cleaner, UH-80



For pipes 17 inch diameter, or bigger, the **UH-80** is the answer to lining or hard scale removal.

## More New Tools

BJ 310 Backout Preventer

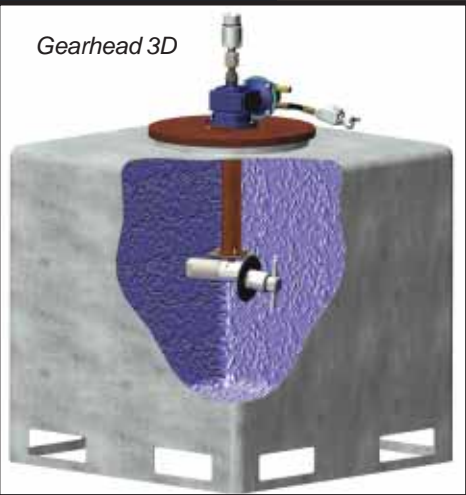


Innovation doesn't stop at ultra high pressure, because lower pressure jetting is still the best choice for many applications.

The new **BJ 310 Backout Preventer** makes line mole operations safer for small diameter pipe.

The air powered **Gearhead 3D** has been used for repetitive tote cleaning, and is adaptable for many more applications.

Gearhead 3D



**Hogwash** washdown nozzles are an adaptation of the popular **WS-1/2 Warthog**, making surface washdown more powerful and productive than fan tips for sewer jetters.

Combining the rotation drive with stroke resulted in the new **BU-100 Waterblast Tractor**. The single drive is efficient, and allows the unit to go wherever the rail goes. It's been used for cleaning marine growth off pilings, bridge foundation scarrifying, and boiler applications.

Finally, a new **APF4 Attack Tip** is available that fits flush in a 1/4 npt port.

Hogwash Washdown Nozzle



BU-100 Waterblast Tractor



APF4 Flush Fitting Attack Tips



If you do not yet have a copy of the 2004 Catalog, simply request one at our website.



## Jet-Vac Offers Warthog Service on East Coast

Jet-Vac Sewer Equipment was one of the first sewer equipment suppliers in the US to recognize how powerful the **Warthog Sewer Nozzles** were when they were first introduced 8 years ago. Frankie Windham demonstrated the nozzles all over the Carolinas, and developed some special features for Jet-Vac's proprietary "Terminator" that we manufacture. Jet-Vac does business from the Carolinas through the Mid-Atlantic States, but their Sumter, SC location has the most experience with controlled rotation sewer nozzles.

Because of their experience, and unique facilities, Jet-Vac is well-prepared to troubleshoot, repair, and rebuild **Warthog** and "Terminator" nozzles. They have great training facilities, and frequently sponsor seminars on a wide variety of subjects of interest to municipalities and sewer contractors. Give them a call at 803-499-4425. or check their website "www.jet-vac.com" for further information.



Frosty morning in Dixieland, Jet-Vac's Sumter, SC location

## PTC Italiana Exhibits StoneAge Equipment in Bologna



StoneAge distributor PTC Italiana exhibited at the SAIE Building Show recently in Bologna. To the right are Giancarlo Franchini, and Ferdinando Mastellone showing StoneAge equipment displays. PTC Italiana sells Kamat waterblast pumps, hose, and a wide variety of equipment for waterblast contractors in Northern Italy - in addition to StoneAge tools. Their knowledge and experience is top notch, and they are an excellent resource for waterblast contractors.



## Take Care with Threaded Connections

**Galling** - Stainless steel threaded connections tend to gall, when tightened. Galled threads are almost welded together, an expensive problem. To prevent galling, use antiseize compound whenever stainless steel threads are tightened. *Tape by itself does not prevent galling.*

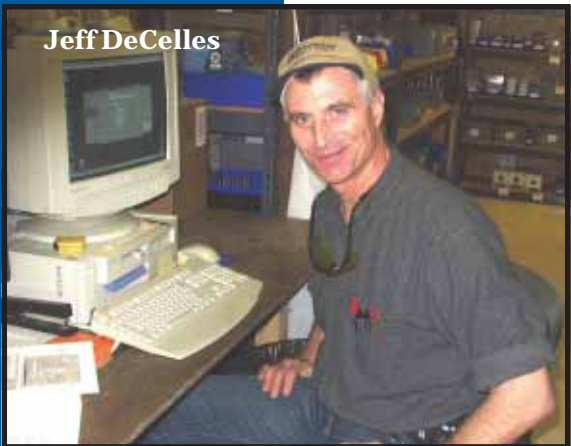


**Pressures Above 4 Kpsi** - Use both antiseize and fluorocarbon tape for gall-free, leak-free pipe connections.

**4 Kpsi and Below** - Use Parker Thread Mate alone for gall-free, leak-free pipe connections.



# Introducing New Employees



**Jeff DeCelles**

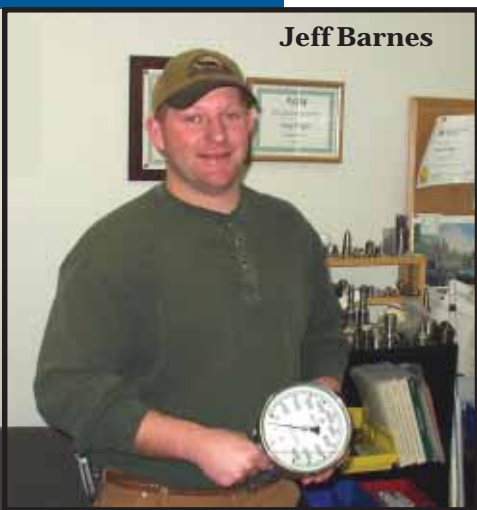
Thanks to our customers' growing needs for quality waterjet tools, we nearly always have new employees to introduce in the Newsblast.

**Jeff DeCelles** handles shipping and receiving, with coworker Julie Frank. Keeping StoneAge's warehouse in ship-shape is a big job, important if we are to respond quickly and accurately to customers' orders.



**Cindy McCleery**

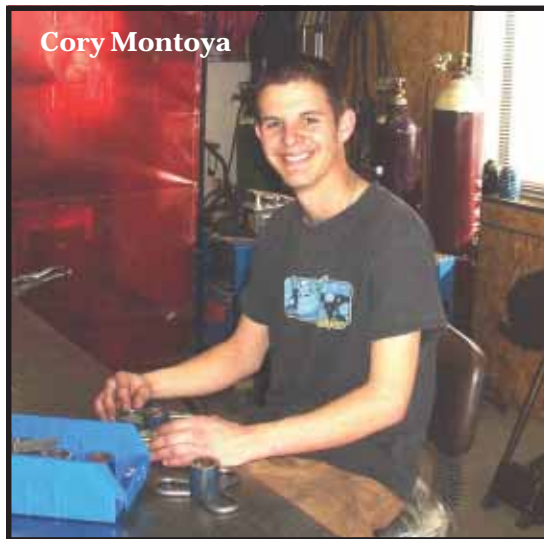
The cheerful new voice customers will hear on StoneAge's phone is **Cindy McCleery**. As Administrative Assistant, she will handle product literature mailings, mailing lists, customer files and a host of other communications.



**Jeff Barnes**

**Jeff Barnes** joined StoneAge's Engineering Department. He says he's ready for the pressure of our complex product line and customers' needs for new tools.

**Cory Montoya** joined our Fabrication Department starting in welding. Welding is a function that requires both skill and planning, as the parts must go through several sequential steps - welding, QC, and plating - before ready for assembly.



**Cory Montoya**



## See Us in Nashville

StoneAge will exhibit February 19-21 at the Pumper Cleaner Environmental Expo at Opryland Convention Center. We will be at Booth B-2, upstairs. We will be showing lots of new tools, and hope to see you there!



*Scott Hardy, Billy Schultheiss, and Bill Shires ready to setup!*

CHANGE SERVICE REQUESTED

StoneAge, Inc.  
P.O. Box 2907  
Durango, CO 81302

PRSR STD  
U.S. POSTAGE  
PAID  
DURANGO, CO  
PERMIT NO. 477