



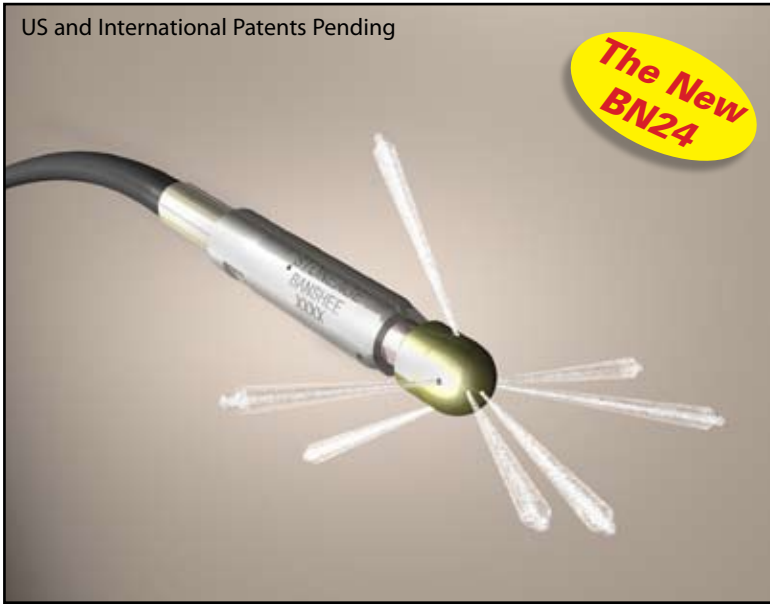
STONEAGE®

WATERBLAST TOOLS

- **Waterblast Tools**
- **Up to 40Kpsi**
- **Parts & Service**
- **Customer Support**

STONEAGETOOLS.COM & SEWERNOZZLES.COM · OCTOBER 2007

Introducing our Banshee BN24 Tube Cleaning nozzle



The Banshee BN24 with the new Universal head.

StoneAge is proud to introduce the **Banshee BN24** Tube Cleaning Nozzle. This latest addition to our tube cleaning family provides rotary jets with an operating range of 2-20k psi and 11 - 24 gpm. The **BN24** is designed to clean 1.1” to 2” tubes.

Like the **Banshee BN13** and **BN18** the new **BN24** offers high quality jetting power without the need for regular maintenance or repair parts.

Customers are telling us how Banshee Tube cleaning tools are cutting their operation times dramatically and without the need for maintenance, operators can get more work done faster.

We have also combined the Polisher and Unplugging head designs into one Universal Head capable of handling all your tube cleaning applications.



StoneAge wins Best Paper Award!



The 2007 WJTA conference held this August in Houston, Texas, was quite a success. Attendees of the conference were able to meet with the industry leaders and learn about the new technologies available. StoneAge made the most out of this show by participating in the live demonstrations, submitting two research papers, and having a display booth at the exhibit hall.

“Parameters Affecting Surface Preparation” and “A Comparison of Tube Nozzle Performance” were the titles of the two research papers presented by our Engineering Manager Doug Wright. The Best Paper Award was given to Doug for his efforts on surface preparation. Doug’s research found that the feed rate of a waterblasting tool across the surface is a more important consideration than the rotation speed of the orifices. To view both of these papers please visit our web site in the *Information Center in Engineering Papers*.

The StoneAge live demonstration focused on explaining both balanced and unbalanced jet reaction forces. StoneAge tools rely on offset nozzles to create rotation and to develop thrust. Rotation of our tools and adjustable levels of pulling thrust are key factors in making our tools so productive and easy to use.



Our live demo on jet reaction forces



Doug’s testing equipment for his surface preparation paper

Flow and StoneAge join forces to offer a 55k psi Lancing System



Earlier this summer StoneAge was visited by Larry Flannigan and Patrick Firmin who are Service Engineers with Flow International Corp. Flow is a world leader in the development and manufacture of ultrahigh-pressure (UHP) waterjet technology, and a leading provider of robotics and assembly equipment. Their goal is to combine the StoneAge Lancing System with Flow's 55K psi swivel and pump technology in order to offer the waterblasting market with the combination of best quality equipment at the highest pressures available.

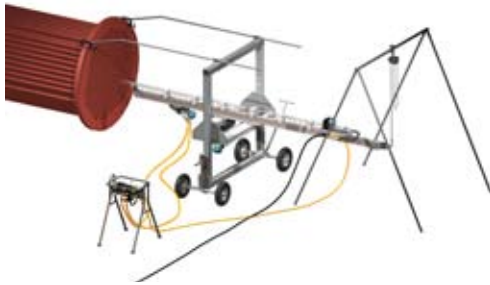


Larry Flannigan and Patrick Firmin of Flow Intl. Corp.

Flow shipped their Husky 55K x 6.5 gpm psi pump to our factory and then arranged for Larry and Patrick to come assemble and test the entire system. The StoneAge team made the few accommodations needed to adapt to the Flow swivels. The accommodations included supporting the 55K psi swivels, adapting to the higher psi lances, and verifying that the StoneAge rotary gearbox had the torque required to rotate the lances. Our two teams then performed the tests and the efforts proved to be quite successful.



Flow performs the conversion



Here is our complete **Lancing System** that the Flow 55k psi swivels are adapted to.

Customers with our existing Lancing Systems can convert to this 55K psi system very easily. To find out more about Flow visit their web site at www.flowcorp.com and for more information regarding this new tool development contact Rick Schmid at Rschmid@flowcorp.com, 800-446-3569 x370. Lancing Systems rated to 55K psi are available now!



Signs of a successful test!

StoneAge now offers streaming videos

StoneAge is now delivering its first streaming video media. Streaming videos mean less downloading time and more viewing for our customers. Our first video offering is an excerpt from the WJTA live demonstrations in Houston. This video clip illustrates how StoneAge utilizes rear facing jets to create thrust which propels our tools up and through difficult cleaning applications. The tool being used is the StoneAge **Badger** which has been specifically designed for cleaning 4" diameter pipes with multiple bends. We also install our **BJ 320 Back Out Preventor** which protects the operator from a tool that may turn around and come back at him. To find our video visit stoneagetools.com and find *Badger Video* in our pipe cleaning section. We will keep you posted for future video releases which will include repair tips, operation, and applications advice.



Our **Badger** is available in both 15K or 20K psi



The **Badger** going through 4" pipe with multiple bends

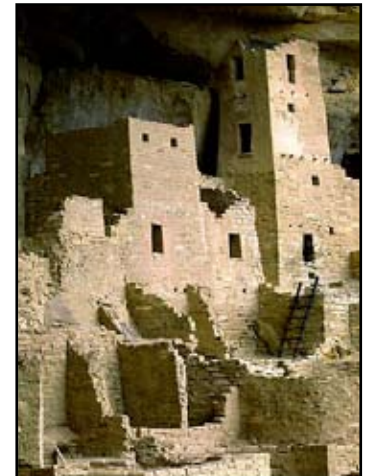
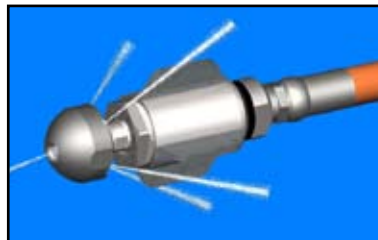
Use your 40k psi Barracuda® at 20k psi



Several of our customers have applied the 40K psi **Barracuda® (BC-H9-C)** to their 20K psi pump which has many advantages. Now they can utilize the benefits of our **OS7 Sapphire** nozzle inserts for better jet quality and take advantage of the replaceable cartridge seal design.

To adapt your 40K psi **Barracuda®** to 20K psi applications you will need the **AF 074-H9M9 Adapter**. The operating range for this conversion is 15K psi to 20K psi, and 5 - 8gpm.

The **BC-H9-C Barracuda®** with the **AF 074-H9M9 Adapter** allowing the conversion from 40k psi to 20k psi.



Boyle Equipment and Warthogs® help keep our National Parks clean

Mesa Verde, located in Southwest Colorado, offers a spectacular look into the lives of the Ancestral Pueblo people who made it their home for over 700 years, from A.D. 600 to A.D. 1300. Today, the park protects over 4,000 known archeological sites, including 600 cliff dwellings. These sites are some of the most notable and best preserved in the United States.

Lance Petty, with Boyle Equipment in Denver, CO, invited StoneAge to join his efforts in helping the Mesa Verde maintenance crew clean the sewer lines and culverts in their park. StoneAge was delighted to lend a hand and offered a **WG-1® Warthog** to match up to their new Vactor Ram Jet that Boyle Equipment had supplied them. The effort really paid off and instead of using manual methods the Mesa Verde crew now clean their park with the highest safety and efficiency.

To contact Boyle Equipment call (303) 287-1200 and to learn more about Mesa Verde visit www.nps.gov/meve



The Mesa Verde crew, their new Vactor, and Lance (right)



Culvert cleaning the smart and safe way!

We have a new toll free # **866-795-1586** (for U.S. calls)

Asia Waterjet visits Durango



We were recently visited by Rajiv Rajgopal and Gordon Taylor of Asia Waterjet Equipment. AWE, formerly known as Consultancy Services International, is a distributor for StoneAge in Dubai, United Arab Emirates. They have a long history of representing our products and solving difficult waterblast applications throughout the Middle East region. During their visit we were able to introduce them to our full range of products and repair courses. You can visit them at

www.hydrojettingonline.com



Rajiv Rajgopal, our own Carrie Grant, and Gordon Taylor

Meet our new employees



Alan Lloyd is our new Customer Service representative. Alan started with us in July. Alan competes at Cyclocross which is where road biking hits the dirt!



Jim Meyer brings a wide range of skills to our fabrication team. Jim is starting with us in welding. Jim is an avid climber and mountaineer.



Dale Rogers "DJ" is starting with us in the milling and assembly departments. DJ enjoys outdoor activities including wake boarding, skiing, fishing, and time with his family.

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