



Roxsand

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Out with the Old and In with the New

By: Randy Haak / Plant Manager, Jasper, MN

In 2004 L. G. Everist, Inc. purchased a new Pellegrini single wire saw from Verona, Italy. This saw replaced its predecessor, which was a wire saw that used two strands of wire twisted together. This old technology used a wire that was around a half mile long. It was driven by two large pulleys, one in the saw building and the other in a shed a quarter mile to the south. The reason for such a long wire was so the wire had time to cool down before re-entering the stone. As the wire entered the stone, the wire would pull a slurry of water and Silicon Carbonate through the stone and the silicon would do the cutting.



- 1) Top wire is the old style which pulled the silicon carbonate through the stone for cutting.
- 2) Bottom wire is the new style with diamonds impregnated into the beads.

In 2004 the purchase of the new saw simplified the wire sawing

process significantly. The use of a cable with affixed beads impregnated with diamonds was a better way of cutting our stone. This saw is still in operation today with over 150,000 hours on it.

Then in 2007, LGE purchased another Pellegrini brand wire saw from Verona, Italy. This saw was designed to run two cutting wires instead of just one. The most practical reasoning behind validating this purchase was two wires is better than one and would double the saw production and help lower production costs. After 17 years and around 130,000

hour of run time, we have concluded that this saw has reached its useful life. Although it has produced around 450,000 to 520,000 sq/ft of sawed surface area, it has come at a cost. The saw failed to perform as intended and lacked durability.

Over the last 17 years, the saw has been totally rebuilt mechanically multiple times. Not to mention all the electronic updates Malloy Electric have added over the years.



After a couple years of debating what makes the most sense for Jasper Stone's future, it was decided that a new saw was justified.

Lance Pollman and I worked diligently researching our options and looking over quotes. We decided to go with a company in Torino, Italy, called Wires Engineering. This company has been building wire saws since 1998 and their saws are known for their reliability and productivity. The saw will require far

less maintenance and has a very simplified computer control system, which eliminates a lot of the electronic components found in Pellegrini saws.

Production of our Falcon 101 S Evo was launched on Tuesday, January 16th. It is on schedule to be completed around May 10th. It will be packaged and packed into a shipping container and handed off to LGE, which is responsible for all the shipping logistics from Italy to Jasper, MN.



Anniversaries

Dustin Hanzlik – March 29
Myrl & Roy's Fleet

Rhonda Bachmeier – March 29
Myrl & Roy's Fleet

Stephen DuBois – March 29

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Ortonville

Hayden Dwire – March 30

Ace Ready Mix, Sioux Falls

Keith Eiss – March 30

Washta

Brian Painter – April 1

East Sioux Quarry

Jason Ohlheiser – April 1

Firestone

Pail Klemme – April 1

Akron

Michael Dahler – April 2

East Sioux Quarry

Shane Frazee – April 2

Sioux City Unload

Allen Poe – April 3

Dell Rapids East

Isaias Martinez – April 3

Firestone

Adan Pena Martinez – April 4

Ragsdale

Kevin Mayer – April 4

L. G. Everist

Kimberly Kohn – April 4

Sioux City Unload

Peter Boeve – April 4

Myrl & Roy's Fleet

Happy Birthday!

Luis Rodriguez Montalvo – March 29

Ragsdale

Ruby Anderson – April 1

Ace Ready Mix, Sioux Falls

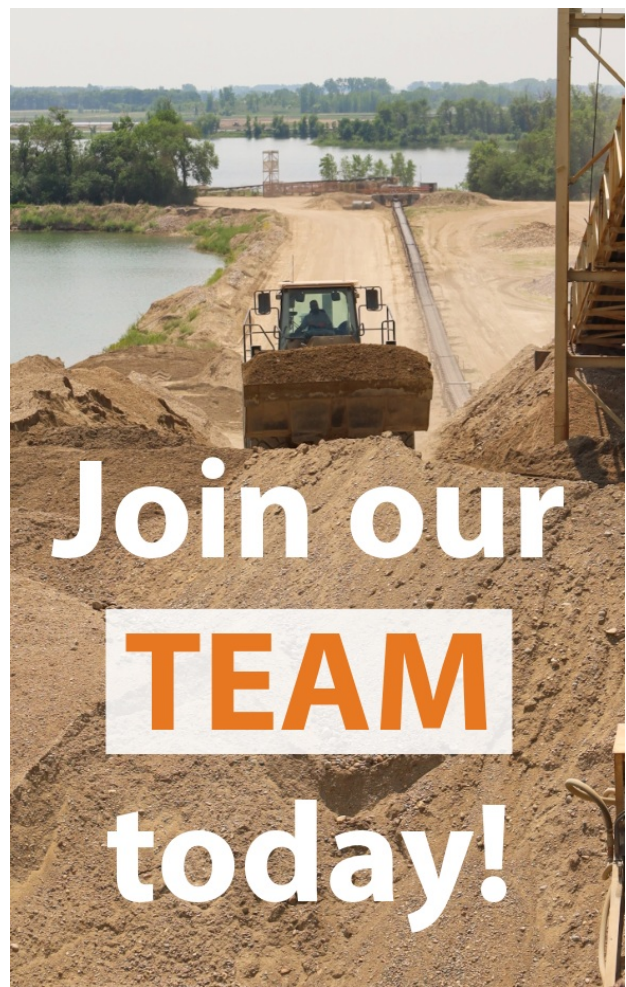
Tanner Peterson – April 1

Akron Shop

Zachariah Mattson – April 1

Washta

Paul Klemme – April 3



Akron

Roger Underberg – April 4
East Sioux Quarry

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