

HARDOX® IN REAL LIFE

CERAPID-SERAMEKO / SWEDEN

BUCKET MANUFACTURER GETS HOOKED ON HARDOX® ROUND BAR

**Cerapid-Serameko
makes its quick
couplers last longer**

When the Swedish earthmoving equipment and attachment manufacturer Cerapid turned to Hardox® round bar, it boosted both service life and customer satisfaction.

“We were already using Hardox® 450 in nearly all of our products. By using Hardox round bar, we achieve the same quality in our quick couplers as in the rest of the buckets. This gives us a sharp increase in quality that customers will definitely notice,” says Håkan Sahlin, CEO of Cerapid-Serameko.

Extreme hardness for maximum uptime

Hardox® round bar was the perfect solution for the company. The steel is hard enough to withstand abrasive wear in the quick couplers, yet tough enough to resist cracking. Sahlin's company had tried using cold-drawn S355J2, SS 2142 (S420N) and SS 2511 (16NiCrS4) as well as different induction-hardened shafting bars. He wasn't impressed with the results.

“No steel bar really lived up to our expectations,” says Sahlin. “The standard products were too soft, and harder steel grades tended to crack too easily. Combining hard and soft steel always leads to the soft steel being worn out faster. By using Hardox® round bar, we have hard steel versus hard steel, which guarantees less wear and tear.”

With quick couplers that can stand up to the toughest conditions, there is less risk for unscheduled downtime, bringing the excavator to a standstill.

Cerapid designs and manufactures excavator buckets and other equipment for construction machinery under the trademark Serameko. The products are developed in consultation with contractors, machine manufacturers and steel suppliers.

Cerapid started producing buckets for construction machinery back in 1988. The company is a licensed Hardox® In My Body member. Today, the company manufactures asphalt and tarmac cutters, levelling buckets, trenching buckets, deep-digging buckets, and hydraulic quick couplers and quick hitches for leading equipment manufacturers.



Cerapid buckets dig for deeper productivity.

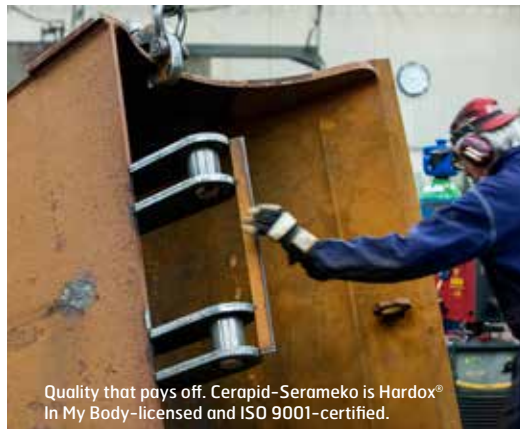
Cerapid's buckets are known for their long lifespan, something its customers appreciate. One customer is Nätts Entreprenad, a company that runs a contracting business crushing rock in a Swedish quarry. The owner Christer Nätt is impressed with Hardox® round bar. "I expect Hardox® round bar in the attachment to save us both labor and money in the future," he says.

High performance in sieve buckets

Cerapid's sieve buckets now use Hardox® round bars, which brings benefits to this equipment too. The round profile does not wear out as fast, since all wear and tear is distributed over a larger surface compared with conventional steel plate with the edge cut 90 degrees.

Hardox® round bar maintains all the good qualities of the material while the edge of a steel plate can be affected by the heat from cutting. When the round bar is fitted, less filler material is needed during welding, and the weld joint will not affect the strength of the design.

In addition, CNC machining of Hardox® round bar was simple and straightforward.



Quality that pays off. Cerapid-Serameko is Hardox® In My Body-licensed and ISO 9001-certified.

Cooperation with SSAB for customer success

"We have a great cooperation with SSAB," says Stahlin, "and our contacts are important, because we always strive to be at the forefront of product development. The chain of innovation is also helped by our close contacts with our customers."

Although Cerapid provides a wide range of standard products, most of their products are custom-made to meet their customers' special requirements. SSAB provides design and fabrication expertise that helps companies like Cerapid make sure their customers get the most out of Hardox® steel in their equipment.

"We deliver equipment to large companies like Volvo and Caterpillar but also to many smaller contractors. They all expect the best possible quality from us. And we deliver on that promise. We also invest in steel that we believe in. Hardox® round bar makes our excavator buckets even better," concludes Sahlin.

Find out more about what Hardox® round bar can do for your business at hardox.com



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