



EQUIPMENT AND SUPPLIERS

The Latest Mining Equipment and Suppliers News on the Web



Boart Longyear Releases new Roller Latch™ Underground Head Assembly

Written by InfoMine - Mining Equipment and Supplier News, March 9th, 2011 at 6:23 pm - PERMALINK

[Boart Longyear](http://www.boartlongyear.com) (www.boartlongyear.com) has released a new underground head assembly featuring patent-pending Roller Latch™ technology that allows for greater pump-in speed and productivity while utilizing large ball bearings for latching and hold-back braking to retain inner-tube assemblies in the drill string for safer operations.

"This new head assembly is unlike any other in the industry," said Matt Baird, product manager for [Boart Longyear](http://www.boartlongyear.com). "Roller Latch incorporates advanced design and patented technology, focusing on safety and improved productivity. [Boart Longyear](http://www.boartlongyear.com) has a long history of product innovation in in-hole tools and Roller Latch is set to become the new standard latching mechanism."

Roller Latches deploy and retract radially, without swinging like conventional pinned latch mechanisms, and fit tightly onto the outer tube eliminating excessive wear on the couplings, landing shoulder, and landing ring. Also, conventional latch mechanisms can be difficult to retract against a jamming 'core block', where Roller Latches will simply drop back in upon wireline retraction

"Traditional pinned latching mechanisms wear fast. Since the Roller Latch rolls, rather than drags onto the rod string, product life is increased and the load capacity is equal to or better than our renowned 'link latch' mechanism," Baird said. "Roller Latch ensures smooth and reliable performance as the head assemblies are optimized for fluid flow and utilize corrosion and wear-resistant components to ensure smooth and reliable functionality."

The new Roller Latch locking coupling connects the drill string directly to the outer tube, locking the Roller Latches and rotating the head assembly with the rod string, which eliminates the need of an adapter coupling, drive key, or tang feature. Locking couplings for the Roller Latch head assembly are available in both full-hole or stabilized carbide style.

The Roller Latch Head Assembly also features new variable lip pump-in seals that are compatible with [Boart Longyear's](http://www.boartlongyear.com) V-Wall® drill rod, making all the advantages of light weight V-Wall rods available in underground coring applications for the first time.

Related posts

- [Exploration mobility with underground coring rig](#) (0)
- [Boart Longyear: Advances in safety technology](#) (0)
- [Boart Longyear Upgrades and Expands Stage Diamond Coring Bits](#) (0)
- [Boart Longyear to raise \\$250m in notes offering](#) (0)
- [Boart Longyear to Launch New Drilling Products at PDAC 2011](#) (0)

RELATED ON INFOMINE: [BOART LONGYEAR](#)



Search

News Categories

- Featured Supplier News
- Mining Consultants News
- Mining Equipment News
- Mining Supplier News
- Mining Technology News

Mine Development Opportunities

Looking for new customers? Access up to date news and information on Mine Projects worldwide.



Sign Up Now!

The latest suppliers and equipment news emailed to you each business week

Your Email:

Equipment Articles



Provided by International Mining

Submit your Supplier News

Please submit news as plain text or Microsoft Word attachments to Greg Fenrick at gregf@infomine.com. Send us your RSS feed link.

Recent Supplier News

- Change in Metso's Vice President, Investor Relations
- Metso supplies automation and process electrification to Outokumpu's new ferrochrome plant in Tornio, Finland
- LSI takes delivery of Riegl VQ-480 scanning laser
- Awards from BHP Billiton for execution of the Iron Ore Expansion Program in WA
- Ausenco wins C\$237 million Gibraltar copper project in Canada

Advertising

Promote your products and services in the Suppliers and Equipment Digest.



Web2PDF

converted by Web2PDFConvert.com