



FOR IMMEDIATE RELEASE

Toronto, Canada and Tampere, Finland,
March 2, 2004

Axiomatic launches a "Bucket Position System" (BPS) used for excavating, grading and leveling with an installation in Sweden.

A Bucket Position System (BPS) provides an easy-to-read and continuous assessment of actual bucket position compared to job site design. The operator can maintain an accurate digging slope and view in real-time the horizontal bucket position as well as vertical position relative to the original reference elevation at the site. These rugged machine robotics can be retrofitted to construction equipment to provide jobsite savings such as reduced labor costs and construction materials.



Operator display (middle) from the Axiomatic Bucket Position System shows real-time bucket position.

Axiomatic Technologies Oy (formerly Tampere Multivisions Oy) installed a Bucket Position System (BPS) for Trimtec AB, a navigation equipment distributor based in Sweden. The installation was located at the Peab road construction worksite in Bispargarden, Sweden. A Komatsu PC340LC hydraulic excavator was fitted with the Axiomatic Bucket Position System. The BPS system includes: an operator display for continuous visual indication of excavator bucket position; a main boom sensor; a stick boom sensor; a bucket sensor; and an excavator pitch/roll sensor that is mounted on the body of the excavator. All BPS components are wired over a CANopen network. In this installation, the operator display communicates with a SBG AB's GeoROG computer linked to GPS data to access the 3D jobsite map. Options for a BPS system can include a laser receiver and an in-the-cab LED/beeper module.



An Axiomatic Bucket Position System (BPS) is designed for: excavators, attachments, graders, bulldozers, and wheel loaders for construction, mining and dredging jobs. In another configuration, it is also suitable for pavers, asphalt milling, sleeper-layer and tamping machines.

Axiomatic is at BAUMA on March 29-April 4, 2004 in Munich Germany, Hall A3, Booth 557/658.

Axiomatic operates in Mississauga (Toronto), Canada and Tampere, Finland. As an integrated ISO9001:2000 engineering design and manufacturing firm, our mission is to provide innovative low cost electronic controls for mobile, marine, mining, military and industrial equipment OEM's.

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