



Concerto release
Mississauga, Ontario
October 12, 2010

Niscon Inc. is pleased to announce the formal release of our **Concerto** series of Variable Speed Concert Hoists. This hoist has been engineered using a **Stagemaker**® **Concert Hoist** body with the support and assistance of R&M Materials Handling of Springfield, Ohio. The first public showing took place at **PLASA 2010** in London, UK at the **Hoist UK Ltd.** show stand. Representatives from R&M Materials Handling, Inc. and Stagemaker were on hand to celebrate and promote the release.

Niscon Inc.'s president, Joseph Jeremy says, "This hoist is simply the best I have seen on the market. In comparison to other chain products, the Stagemaker body was the only choice that could deliver the performance we were looking for along with consistency and accuracy throughout the manufacturing process. Our goal was to develop a variable speed chain hoist that was safe, practical and would compliment the **Raynok** line of motion control solutions. In order to achieve this we added additional features to enhance safety and performance of the overall product, including a rotary limit switch, load cell and not one, but three encoders."

Concerto is conceivably the most concise and safety conscious variable speed chain hoist on the market. There are two sets of safety limits with independent and functionally different activation methods (one rotary and the other direct struck) to prevent accidental over-travel of the hoist. The rotary switch is monitored for rotation using an encoder which also functions as the backup encoder. The third encoder is attached to the load wheel to ensure the chain has travelled to its exact position. The values from each encoder are constantly compared against the others for errors. When the job is done, encoder data is stored and saved even when the power is turned off to the hoist.

An early version of the hoist can be seen in performance at **Haze Nightclub at Aria** in Las Vegas where **Niscon Inc.** installed 20 units for **John Lyons Systems** of Los Angeles, California. The Haze system uses 20 hoists to maneuver 5 lighting trusses over the dance floor to enhance the effects of the light show for the club's guests and patrons. Niscon Inc.'s VP, Peter Sinkner says of the Haze installation, "John Lyons wanted smooth fluid motion on the Haze dance floor. He wanted to give the patrons something different and really WOW them. On his first visit to the club, John asked me to show him what the system could do. I took control of one of the trusses with the **Raynok MK2 Console** joystick and rolled the truss on pitch and yaw while also flying it up and down. When I stopped and looked at John, the smile on his face said it all. **Niscon Inc.** had delivered what he was looking for and then some."

For more information visit www.nisconinc.com