

OPEN SHOP

The Newsletter of Cox Metalworks and Superior Tray Systems

#06 NOV
2011

PATENTED:

Cost Saving Integrated Walkway receives patent.

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TAMPER PROOF:

Electrical Boxes designed to take a beating.

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PORTABLE POWER:

UPS Battery Cabinet splits for easy transport.

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INTEGRATED WALKWAY PATENT AWARDED

This month we are excited to announce the award of our Integrated Walkway System patent. Superior Tray Systems Inc. has developed a unique method of integrating cable tray into a maintenance walkway. The lightweight and modular system features a decking assembly which both supports cables and serves as part of the structural support. This provides a structurally sound walkway that is more cost effective and faster and easier to install than typical designs of the past.

Suitable for emergency evacuation situations, the exclusive decking design features raised treads that have been tested to achieve slip resistance of 55 BPN. Furthermore, the interlocking decking can accommodate aesthetic curved walkways which are typically not cost effective by traditional steel fabrication methods.

Combine multiple electrical lines with maintenance walkway to save time and money.



PATENT AWARDED

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Benefits of this Integrated Walkway are especially applicable to railways, such as the Canada Line Rapid Transit Project in which approximately 19km of maintenance Integrated Walkways were installed. Standard support options can accommodate any site configuration, and custom designs can be produced for specific applications. The key focus of our company has always been to develop and deliver a better product to our customers, and being awarded the patent for our Integrated Walkway is just one example of how we continue to further this mission.

WALKWAY FEATURES:

LIGHTWEIGHT AND MODULAR
EASY TO INSTALL
FULLY ENGINEERED



TAMPER PROOF ELECTRICAL BOX

In addition to our standard line of electrical enclosures, we offer our design services for customer specific applications. In a recent production run, we worked closely with the client to satisfy their requirements for an anti-tamper latching system that could stand up to serious abuse. The customer had proposed overall dimensions of the enclosure, and agreed to our suggestion of a small dimensional change which significantly improved material utilization and improved their bottom line.

“Locking device withstands the most extreme punishment.”

UPS BATTERY CABINET KEEPS SERVERS ONLINE

Designed in close connection with our client, a new UPS battery cabinet streamlines datacenter electrical upgrades. In order to maintain equipment availability, datacenters connect UPS battery power to keep servers online while electrical upgrades are performed.

Our UPS battery cabinet can house up to 40 batteries, splits into two halves, and features removable stabilizers for smooth transport. Traditional one-piece units exceed

3000lbs, and require the time consuming removal of batteries in order to meet elevator load restrictions. In electrical upgrades that span several floors, disconnecting and unloading batteries is time consuming and clumsy. Our cabinet splits in half for transport, and locks together without removing a single battery. At the final destination the cabinet has a 34” x 30” footprint.

