

Signal-Rite Compensator System

Signal-Rite LLC, a leading West Coast crane and rigging specialty company, has developed a new compensator system for flying deck forms used in vertical high rise and other types of construction. Signal-Rite's system offers substantial improvement in operational efficiency, cost and safety over conventional methods of handling forms.

About the Company

Jeffery York, President and founder of Signal-Rite LLC, has worked in the crane industry for over 25 years. With his many years at the controls of cranes of every description, Jeff knows what works and what doesn't when it comes to safety and making a crane work efficiently for the contractor. Jeff started Signal-Rite LLC in 2003 and has quickly been recognized for his innovative use of new products, creative hardware design and safety instruction that has reduced job site accidents and increased profit margins for contractors from coast to coast.

In 2006, Engineering News Record Magazine recognized Jeff for his many recent contributions to crane safety and productivity by naming him one of ENR's Top 25 Newsmakers for 2006. Additionally, ENR featured Jeff on the front cover of the magazine as well as its center page spread in the magazine's December issue of the same year.

While Signal-Rite provides safety training to contractors, crane operators and other end users of hoisting equipment, the company also provides conventional and innovative rigging equipment to the industry. Jeff is always looking for equipment that will not only save the end user money, but will increase safety and productivity. Jeff is also well known for his ability to change a troubled crane operation into a safe, efficient and sustainable process that benefits the employee, the contractor and the project owner.

The Signal-Rite Compensator System

The Signal-Rite Compensator System is an original creation that incorporates the use of a specially designed spreader bar and proven electrical components to eliminate all fall exposure for employees who previously were required to walk out onto the unstable platform as it is being suspended in place from a crane. The custom spreader bar also keeps hoist and tackle separated and prevents cords from being tangled in rigging. The wireless radio remote control increases productivity and prevents wasted time managing hard wired remotes. Along with these innovations, the Signal-Rite Compensator System changes the pick point from the rear of the table to the front reducing weight on the hoist. This change substantially reduces the load on the hoist, which results in fewer breakdowns and eliminates the need for the hoist to work at extreme angles. With the Signal-Rite Compensator System, longer and heavier tables can be managed with a smaller hoist and tables can be moved much more efficiently and safely.

The Signal-Rite system enhances safety, improves productivity, and increases profit margins every time it is used. Costly breakdowns have been significantly reduced or avoided altogether. The old system of flying tables is still suitable for some contractors who have a long history of resisting change, but others are reaping the many rewards that the Signal-Rite Compensator System brings their job sites and the company's bottom line.

Current Use

Many contractors in California have adopted the Signal-Rite Compensator System and refuse to use their old system. Contractors such as Atlas Construction, Webcor Builders, Patent Systems, William P. Young, and Conco Inc. are just some of the well known names that use the Signal-Rite Compensator System exclusively on all projects where tables must be flown.

The Future

Signal-Rite continues to advance its system and hopefully one day all companies who fly forms will use our system. The Signal-rite Compensator System is also seeing use on projects in Las Vegas, Colorado, Minnesota, and Canada. We are hoping that once companies see our system and realize the true value in it, then they will also begin using our system.



Pictured Left: Marnell Corrao, Project M in Las Vegas, Nevada. Signal-Rite Compensator is being used to pull 90 foot long, 31,000 pound tables. Project value is 700 million dollars.

Red Arrow: Spreader Bar keeps rigging separated from electric chain hoist and handles 2/3 of the weight of the table, thus reducing the angle of the compensator and enabling the hoist to work more efficiently. Yellow Arrow: chain bag always faces the exit of the building. The back cables that go to the counterweight always keeps compensator facing correct direction. (Pictured right)



Picture below: With the use of the Signal-Rite Compensator System, wireless remote and picking from the front of the table eliminates the need for personnel to go out onto the suspended form. Conco project at 100 Grand Ave., Oakland, CA. Picture below, right: Rigging, spreader bar, hoist and wireless remotes stay in place with the stand. Also, with the use of casters the compensator stand can be moved easily from place to place on working deck.

