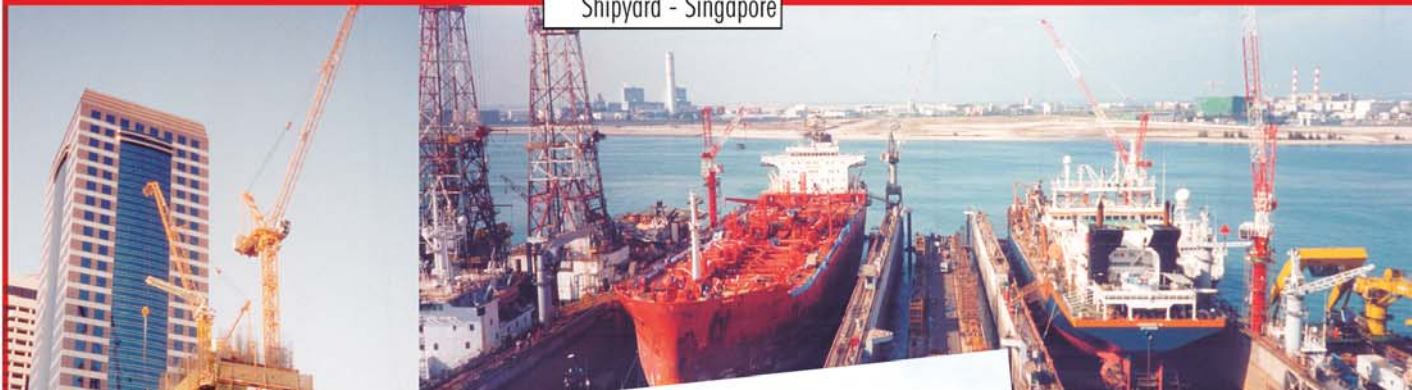


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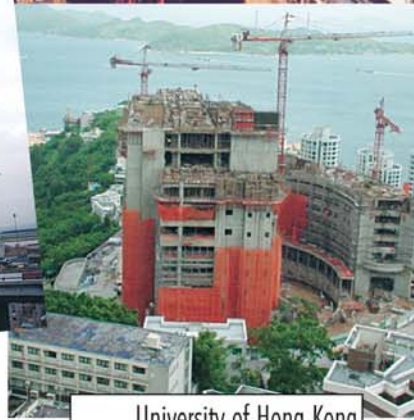
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The pace of development of electronics over the last few years has been staggering and is one of the fastest growing areas for cranes and lifting equipment. Remote controls are rapidly becoming a standard feature on loader cranes and growing in

other areas of the industry. Meanwhile load indicator and overload systems have both fallen in price and thanks to wireless technology have become much easier to retrofit to older cranes. Tower crane safety has also become a major issue putting devices such as the increasingly sophisticated and reliable anti-collision devices and jib/boom tip cameras. This year's Conexpo brings a good many manufacturers of this type of equipment together. Here are a few highlights.

Load Systems International is showing its wireless load indicator components including load cells, load pins, line riders, boom angle, list/trim angle, wind speed, hook radius and anti-two block switches. It also has two way radio communications to a range of 4,000ft and benefits from all sensors powering off when the display is turned off. **3B6** will have several products aimed at rated load monitoring,



the company is also a major supplier of overload devices for Aerial lifts. **Hirschmann Automation and Control**, which includes **PAT** and **Krüger** among its businesses, is launching a new scalable mobile controller system for cranes and lifts. It can be built up to monitor as many of the machine's functions as desired as well as incorporating the overload system, load moment indicators and sensors. Also ask about its Maestro LMI for retrofitting to older cranes.

Regardless of crane make or model, lattice, hydraulic, boom truck or special application, **Rayco-Wylie Systems** - pioneers of the first crane overload warning system - can probably provide a solution for the specific application from its vast array of equipment. Ask about its views and solutions on retrofitting Load indicators to older cranes.

A visit to **Orlaco** is worth a trip in the Blue Lot. The company makes boom/jib tip cameras with displays

in the operators cab, one day these devices will be standard on all cranes.

SMIE the longest established producer of tower crane anti-collision and zoning systems is launching its latest generation anti-collision system - the AC243 for up to 30 tower cranes, its SGC240 a data logging system for site supervisors and the DLZ342 advanced operator display, data logger and zoning system.



El ritmo de desarrollo de la electrónica en los últimos años ha sido increíble y es una de las áreas que más ha crecido para las grúas y plataformas. El control remoto se ha convertido en una característica de serie en las grúas hidráulicas autocargantes y están creciendo en otras áreas de la industria. Mientras, los indicadores de momento de carga y sistemas de sobrecarga han bajado sus precios gracias a la tecnología sin cables. La seguridad en grúas torre se ha convertido en una cuestión clave incluyendo dispositivos anti colisión y cámaras para las grúas.

Este año Conexpo reúne muchos fabricantes de estos equipos, aquí hay algunos destacados.

Load Systems International muestra su indicador de carga sin cables incluyendo celdas de carga, clavijas de carga, ángulo de pluma, velocímetros y dispositivos anti bloqueo. Ofrece dos comunicadores de radio de dos vías hasta 4,000ft y se beneficia de todos los sensores cuando la pantalla está apagada. **3B6** tendrá varios productos destinada a la monitorización de



carga, la empresa ofrece dispositivos de sobre carga para plataformas aéreas. **Hirschmann Automation and Control**, que incluye **PAT** y **Krüger** dentro de su negocio, lanza un nuevo sistema de control móvil escalable para grúas y plataformas, puede ser montado para monitorizar tantas funciones de la máquina como desee, así como incorporar el sistema de sobre carga, indicador del momento de carga y sensores. Pregunte por su Maestro LMI para modernizar las grúas antiguas.

Independientemente del modelo de grúa y tipo, celosía, hidráulica, autocargante o especial, **Rayco-Wylie Systems** - pioneros con el primer sistema de aviso de sobre carga - puede probablemente ofrecer una solución para aplicaciones específicas. Pregunte por sus soluciones para modernizar indicadores de carga en las viejas grúas.

Una visita a **Orlaco** merece la pena, así que diríjase al área Blue, la empresa fabrica cámaras para plumín de las grúas, seguro que un día estas cámaras serán de serie en las grúas.

SMIE, el fabricante más establecido de sistema anti colisión de grúas torre lanza la última generación de este sistema - el AC243 que sirve hasta para 30 grúas, su SGC240 un sistema de datos para supervisores y la pantalla avanzada para operador DLZ342.



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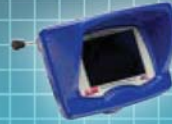
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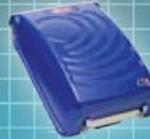
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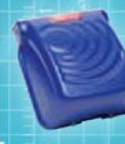


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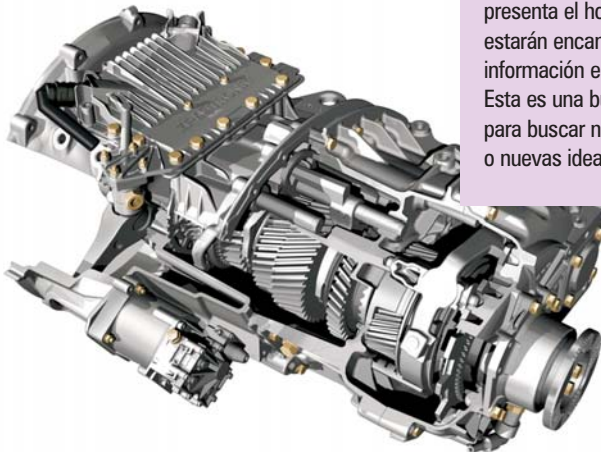
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The number component companies catering for the lifting industry has blossomed at this year's Conexpo. Do take the time to visit them and find out what's new and what's on the horizon. Some suppliers will also want to pick your brains giving you a small chance to influence future developments. This is also a good opportunity to find new suppliers or pick up some new ideas.



El número de empresas relacionadas con components de la industria de la elevación se ha incrementado de manera sorprendente en estos últimos años de Conexpo. Tómese su tiempo para visitar lo que es nuevo y lo que presenta el horizonte. Algunos distribuidores estarán encantados de ofrecerle completa información en futuros desarrollos. Esta es una buena oportunidad para buscar nuevas empresas o nuevas ideas.

