

SYRINX[®] No.1 for Cranes & Powered Access

900+ companies worldwide successfully use Syrinx[®]



"Syrinx is easy to use, self explanatory and yet sophisticated." Ben Hirst



"After a disastrous 3 months with our initial supplier we switched to Syrinx and within 1 day we were up and running with all our plant information on the system. I would recommend Syrinx again and again, it's easy to use and the reporting is excellent. I can't thank Higher Concept Software enough, they pulled out all the stops when we really needed them." Ben James



"Syrinx is the product best suited to the Powered Access Industry. The service was professional through from point of sale to data management to installation making the transition very easy." Duncan Howard



"As a newcomer to the industry, Syrinx has taught me not only how to run effectively but also how to increase my efficiency and productivity." John Corrie



Our previous system was fraught with difficulties and not backed up with good service. It was a big decision to contemplate getting a new hire management system but we were so frustrated we had no other option. We were pleasantly surprised at how smooth the implementation of Syrinx was. We have been impressed with the excellent project management and exemplary training backed up by excellent support." Alistair Jordan



"We chose Syrinx because of its stability and reliability - a great improvement on our previous system." Malcolm Bowers



"When we were undertaking due diligence on the acquisition of another powered access company, who were already using the Syrinx system, we noted that Syrinx gave them a number of operational and financial functions that we didn't have with our existing system. Kimberly Access are a focused operational business and so this excited us. Syrinx is now set up as our group rental system and Higher Concept Software have exceeded all our expectations in terms of the product and their customer service." Ray Ledger

SPARROW CRANE LIMITED

"Syrinx has certainly brought all of this information together into one database and improved the efficiency of our business from start to finish." Phil Mitchell



SYRINX

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Easy 3D laser mapping

The Commonwealth Scientific and Industrial Research Organisation (CSIRO), Australia's national science agency, has teamed up with 3D Laser Mapping and GeoSLAM to commercialise the Zebedee indoor laser mapper, which can create a highly accurate 3D map or drawing of a building or facility without complex set up or the requirement for lengthy data processing.

The competitively priced Zebedee can also be used by surveying novices, in areas without GPS coverage to capture accurate 3D point clouds at speed. The system could potentially be used for job planning for complex lifts, helping with the selection of suitable cranes or access platforms and with risk assessments etc.

The Zebedee system uses robotic technology called Simultaneous Localisation and Mapping (SLAM) and includes a lightweight laser scanner mounted on a simple spring mechanism. As the operator moves through the space he is measuring the scanner loosely oscillates about the spring producing a rotation that converts 2D measurements into 3D fields of view. The laser scanned measurements are then automatically processed on remote servers, which eliminates the need for expensive software, training or high end computers.

Its ability to self-localise makes Zebedee ideally suited for use indoors, underground and other covered environments where traditional solutions that utilise GPS don't function well.

A cable reel without slip rings

German power track/energy chain manufacturer Igus has introduced an expanded range of its new E-Spool recoil drum for cable chains/power tracks.

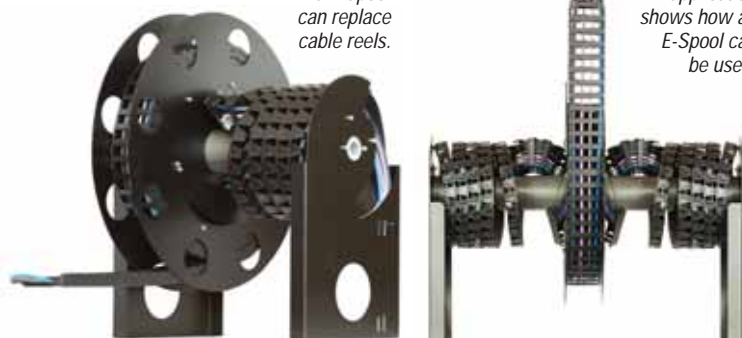
The main power track is wound onto a spring loaded drum which ensures the correct length and tension of the track. Customers have a choice of three different length versions – zero to four metres, four to seven metres and seven to 14 metres. Inner track widths of 80 and 125mm can be ordered depending on the number of cables to be routed through the track. Unlike most cable reels the E-Spool

does not use slip rings to transfer power between the base/shaft and the reel. Instead it employs a 'Twisterband' – a side mounted power track that unravels in the opposite direction to the reel so that a continuous cable/hose can be used.

The Twisterband TB 30 provides sufficient space for cable/hose diameters of up to 16mm. Where a large number of cables or hoses are involved, twin Twisterbands can be used mounted on either side of the reel. The E-Spool has been designed for use with work platforms and mobile cranes.

The E-Spool can replace cable reels.

An application shows how an E-Spool can be used.



C&a

innovations

The Zebedee 3D scanner can be used by anyone

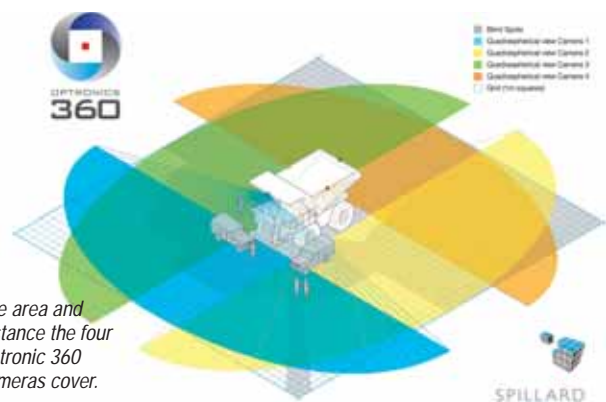


360 degree camera system

UK-based Spillard Safety Systems has recently introduced its Optronic 360, a multiple ultra-wide angle camera system which provides operators a 360 degree bird's eye view a vehicle and its surroundings.

Previously used by the high end passenger car market, the system has now been adapted for industrial and commercial vehicles and uses four strategically mounted cameras, a monitor - available in different sizes - and an electronic control unit. The system provides the driver with an unrestricted view around the vehicle, eliminating blind spots present on most large equipment

and helps prevent potential accidents involving people being trapped or run over. It can also help eradicate or at least reduce collisions with other objects and enables operators to monitor the surrounding ground conditions avoiding objects lying on the ground. The monitor - located in the cab - displays a real time view (30 frames per second) and the method of 'digitally stitching' the images together gives it the impression that a single camera has been used. Traditional rear view images can be incorporated as well as a digital recorder, both of which can be integrated easily into the user interface.



The area and distance the four Optronic 360 cameras cover.

enquiries

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