

PRESS RELEASE

Émerainville, March 2nd 2018

AMCS technologies will exhibit its latest products on stand E6 F031 at INTERMAT Paris

At the international exhibition for construction and infrastructure of Paris which will take place this year from 23rd to 28th of April 2018, AMCS technologies will present its latest innovations.

The stand E6 F031 will be at the outdoor area dedicated to lifting equipments near the major crane manufacturers. The visitors will have the opportunity to exchange with our expert team of anti-collision and zoning. It will also be an opportunity to discover the last two products, the DCS 61-S and the SUP 61, for sale since November 2016.

The anti-collision system DCS 61-S

In test since 2015, the DCS 61-S (Driving Control System - Safety) marketed since november 2016 ensures the safety of the construction sites by the management of interferences between cranes and prohibited overflight zones.

This safety device for lifting equipments manage in real time the risk of collision between cranes' elements in interference (for example rope to jib or counter-jib...) and prohibited overflight areas (schools, railways, roads...).

The system offer a comfort for crane operators by displaying useful settings for operating the crane and an intuitive programming of zones and delivery targets. It also gives the possibility of visualizing in real time the position of the crane in its environment as well as the positions of the interfering cranes while guaranteeing high performances of the productivity of the job site.

Its specifications

The device offers many possibilities thanks to its 3 essentials features :

- Zoning function

The DCS 61-S allows you to programming prohibited overflight zones in 3 dimensions (orientation, distribution and lifting). It integrates an intuitive programming from its screen, to manage more than 44 different zones.

- Anti-collision function

The device calculate in real time and in 3 dimensions distances between each element of cranes as well as the movement speed. The system will allow intervention on the controlled mechanisms to ensure a complete immobilization of cranes at a pre-set distance from the obstacle.

The system applies « adjustable » safety coverage to all machine sections. This coverage incorporates the jib, counter jib, mast, tower head, tie bars and hoist rope.

Anti-collision function is universal to suit for all kinds of cranes.

It can be fitted to all types of cranes – static or travelling, relay or PLC controlled, with saddle or luffing jib in order to manage in 3D the interferences between up to 60 machines.

- Data logging

The control screen of the DCS 61-S displays information about the cranes movements and load, the position and movement of the other cranes, static obstacles and all information helpful to productivity (date, time, load, moment...).

It constantly collects and saves events related to the management of the «prohibited zones» and «interferences» functions in order to view them directly and/or download them on a USB key. The record of information about the device status and/or crane in dynamics can be an additional function.

The DCS 61-S is also an excellent quality/productivity/price equation, a quick installation, a simplified maintenance, compatible with all cranes on the market and compliant with all standards of today and tomorrow... Indeed, the device is in the process of being certified PLd in accordance with the standard EN13849-1 and SIL-2 in accordance with the standard EN61508 by an accredited organization.

The supervisor SUP 61

This new supervisor model give an access to the site activity in real time on screens from offices in France or abroad (a simple internet connection is required).

Thanks to its radio link with the anti-collision network of the job site and its technology, the management visualise on a screen the movements of all cranes equipped with the DCS 61-S system (or DCS 60).

It supervise more than 60 cranes and records all information relating to the positioning of cranes (orientation, translation, distribution, lifting and load ...) and anti-collision systems (events, defaults ...). It is an ideal tool for any job site size.

About AMCS technologies

AMCS technologies created in 1994 by Mohamed Chettibi, designs and manufactures high-end electronic devices dedicated to manage interferences between lifting equipments to ensure the construction sites safety. Specialised in anti-collision and zoning for lifting equipments, the company has become very important in its activity.

AMCS technologies become a reference in France and through the world by the quality and the optimal performance of its products benefiting from the same approach of innovation and reliability. The technical support take the particular features of each brand and type of cranes into account, in order to adapt the systems perfectly to the configuration of the job site and they are designed to respect the current standards.

The involvement, the diversity of skills and technical expertise of AMCS technologies' employees permit to offer a complete service for each client (the installation, the programming of the systems, the training, the intervention on site).

Thanks to this culture of permanent innovation, more than 3 000 anti-collision systems was installed accross the world in famous job sites like Santiago airport in Chile, the FPJP in Paris, the Atlantic Bridge in Panama, the Abu Dhabi airport and many others...

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