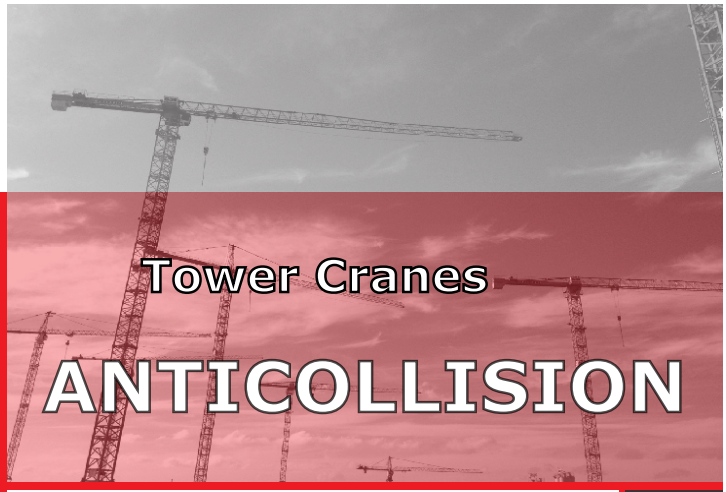
SAFETY COMPONENT
EN13849, cat II, PL=c

CAN ready



ID5

ID5 is a device designed to manage and avoid risk of collision between cranes overlapping in common areas as well as avoid crane to overfly restricted or forbidden areas.

Worksites with several tower cranes working and overlapping in common areas and/or having restricted or forbidden areas can generate risk of accident and may use crane anti-collision device in order to avoid hazardous operation.



With more than 20 years background with anticollision prevention, AGS has developed high performance crane anticollision device making collision risk prevention even more efficient and accurate.

Anti-collision safety product designed by AGS, comply with “safety of machinery standard EN13849 “ and “safety tower crane EN14439+A2” and allows worksite manager to comply with Worksite Safety and Health Recommendations.
Thanks to sensors and network, computes the risk of imminent collision between cranes or entry in forbidden zone and controls and stops the movement of the crane in order to keep safety distance away from other cranes or zones but allow all cranes movements getting away from danger.
The AGS anti-collision software of each unit computes relative positions of the cranes subject to interference and thanks to high-performance processor and data communication system guarantee real-time management of the collision risks for all the cranes present on the worksite.
All the ID5 installed on each of the cranes on a worksite are connected in a wireless network, and make up an anti-collision system.

Safety component Category 2, PLc as per EN 13849 standard.

Suitable to all brand and all types of crane and all configurations:

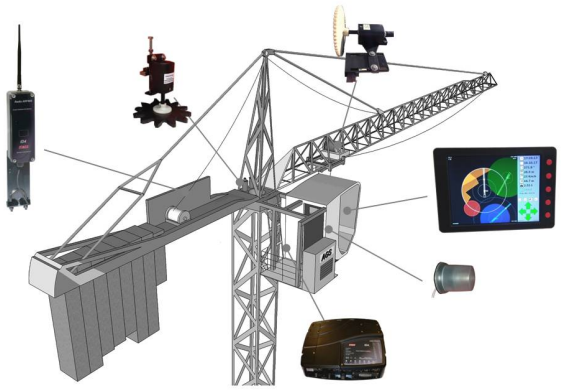
// Fixed base or on rails
// Flat, flat top, luffing jib
// All interface types: contactors, PLC, bus, etc.

Constituent elements:

// Specialised CPU
// Colour display : choose between 8”, 5” and 3.5”
// 24-bit absolute encoders measuring the crane movements
// External LED signal
// Wireless inter-crane data communication (also wire network available)

BENEFITS :

// CAN bus technology
// Settings using WIFI link (tablet)
// New: high-precision sensor used for radius, slewing and travelling movement, and equipped with new AGS fixings
// Redundancy sensors (radius, slewing and travelling
// movement), increasing the diagnostic coverage “DC” (option)
// Choice of 3 colour TFT display, sunlight readable, including an 8”-screen with dynamic graphics of worksite cranes (option)
// Connected technology



AGS

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