

# ANTI-COLLISION SYSTEMS FOR LIFTING AND HANDLING MACHINES



  
CREATOR OF ANTI-COLLISION



## A WIDE RANGE OF PRODUCTS TO RESPOND SPECIFICALLY TO YOUR NEEDS

Pioneer in the field of anti-collision for lifting machines, SMIE developed their first system for tower cranes in 1985 and have continued to innovate to increase safety and production on jobsites.

Their technical knowledge and their experience of large projects and of installations throughout the world have made SMIE the international leader in the field of anti-collision for tower cranes. The fruits of their know-how are evident in their new generation of systems.

SMIE has also applied their expertise to create anti-collision systems destined for industrial and complex applications.

## A RANGE OF SERVICES FOR YOU AND YOUR JOBSITE

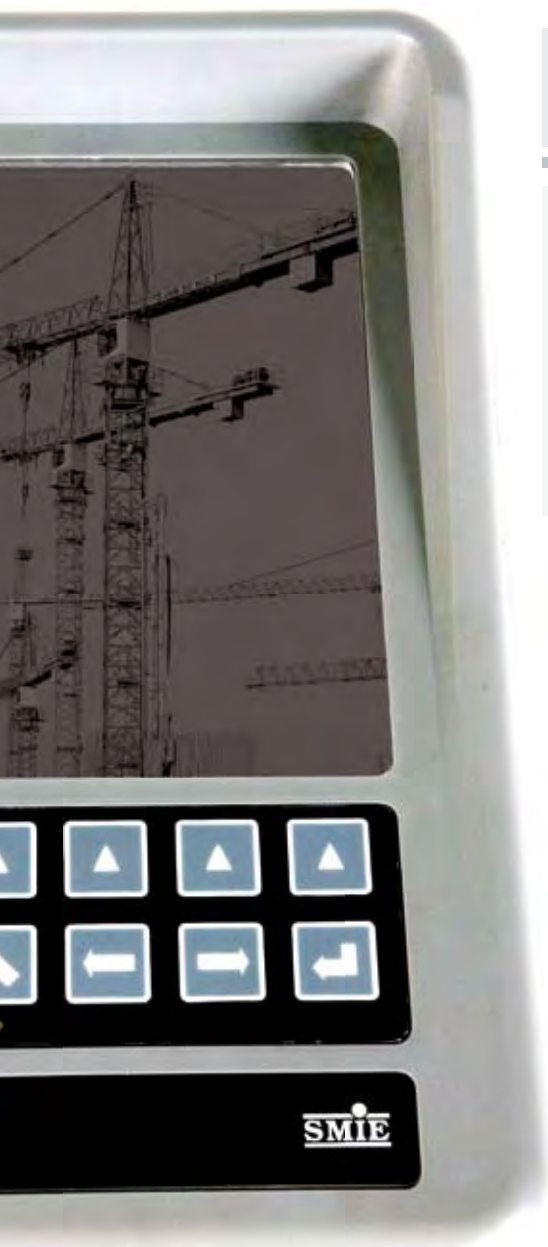
SMIE offers a range of quality services to fulfil all the needs of your company and your jobsite

- Consultations
- Sales and rental
- Training
- Installations and on site maintenance
- Repairs and workshop maintenance
- Remote maintenance aid by Internet
- Client stock management



## CONSTANTLY INNOVATING TO MAKE THE FUTURE SAFER TOGETHER

Innovation is one of the principle driving forces for SMIE for whom the R&D department represents 20% of the company. Cooperation with crane manufacturers or technological cooperation with the CEA (French Atomic Energy Commission) for specific developments, SMIE works with the experts on the leading edge of technology to develop the software of their future products.



## Anti-collision systems

SMIE's range of anti-collision systems protects lifting machines from all risk of collision with fixed or mobile obstacles. They also manage sensitive zones around the crane (schools, roads, motorways, public places, railway lines, electric lines,...)

AC243, anti-collision systems for tower cranes destined for the construction market.

AC140, anti-collision systems for overhead cranes and gantry cranes destined for industry.

AC340, anti-collision systems for complex applications and variable geometry machines.



## Multi-functional operator display

A new concept on the market, the DLZ342 is:

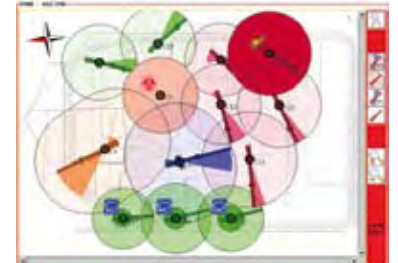
- A crane operator display which indicates information concerning the crane
- The memory of the crane which logs data about the crane operations
- A programmer of forbidden zones



## Supervisor

The SGC240 informs and logs all events concerning the operation of the anti-collision systems: overrides, faults, free slewing or in interference, crane positions etc.

Installed on the jobsite, it can be consulted remotely by Internet and constitutes an indispensable maintenance tool for anti-collision systems.



## Anemometers

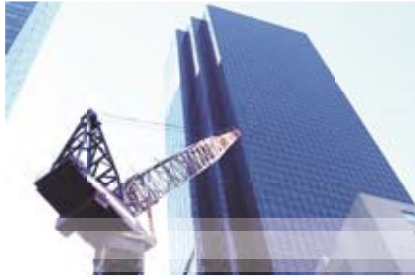
SMIE offers a range of anemometers with or without alarm.



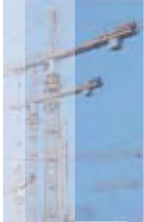
## Air beacons

The BG12 air beacon system is specifically designed, in conformity to the I.C.A.O regulations, for cranes situated near airports, heliports or hospitals.





## AN INTERNATIONAL SYNERGY FOR MORE REACTIVITY



SMIE is represented internationally by three subsidiaries (UK, Germany, Korea) and an extensive network of agents as well through the distribution networks of crane manufacturers.

In France, the clients have at their disposition two entities, SMIE for the north of France and SMIESUD for the south and a network of agents throughout the French territory.



### SMIE

7 rue de la Chapelle - ZI Les Richardets - 93160 Noisy-le-Grand - France  
Tel. +33 1 55 85 90 40 - Fax +33 1 43 03 34 03  
Email: [smie@smie.com](mailto:smie@smie.com)  
Internet: <http://www.smie.com>

### SMIESUD S.A.S.

9 rue Jacques Monod  
69680 Chassieu - France  
Tel.: +33 4 78 90 01 36  
Fax: +33 4 78 90 05 84  
Email: [contact@smiesud.com](mailto:contact@smiesud.com)

### CRANESAFE Ltd.

Unit 9  
Bramley Business Centre  
Station Road - Bramley  
Guildford, Surrey  
GU5 0AZ  
UK  
Tel.: +44 1 483 89 41 36  
Fax: +44 1 483 89 20 04  
Email: [tim.rowley@cranesafe.co.uk](mailto:tim.rowley@cranesafe.co.uk)

### SMIE Deutschland

Postfach 10 05 43  
66005 Saarbrücken  
Germany  
Tel.: +49 6 81 99 63 373  
Email: [zentrale@smie-d.com](mailto:zentrale@smie-d.com)

### SMIE ASIA

Hallakisan BLDG. 4th Flr  
Seocho-Dong, Seocho-Gu  
SEOUL 1461-1  
South Korea  
Tel.: +82 2 587 63 41  
Email: [shpark@smie.co.kr](mailto:shpark@smie.co.kr)



### APPLICATIONS

Tower cranes, mobile cranes, EOT cranes,  
gantry cranes, port cranes,...

ANTI-COLLISION SYSTEMS

FOR LIFTING AND HANDLING MACHINES