



Control Pro Ice

AUTOMATIC
DE-ICING SYSTEM

safety and flow



Control Pro Ice

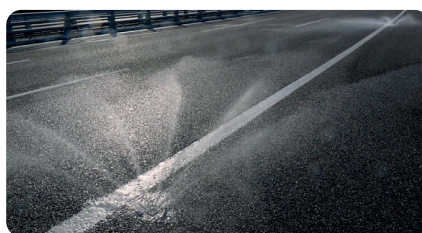
APM PRO offer for the road industry

AUTOMATIC DE-ICING SYSTEM

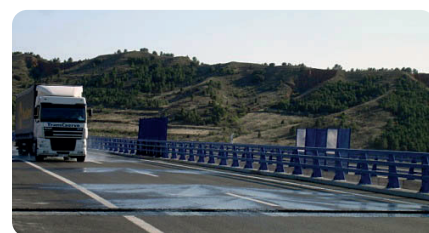
The automatic de-icing system is designed for use on bridges, viaducts, and road sections prone to the formation of ice on the road surface. Proprietary control software – implementing an operating algorithm based on fuzzy logic, on the basis of meteorological data – allows for the selection of the optimum amount of brine to be applied to the road.



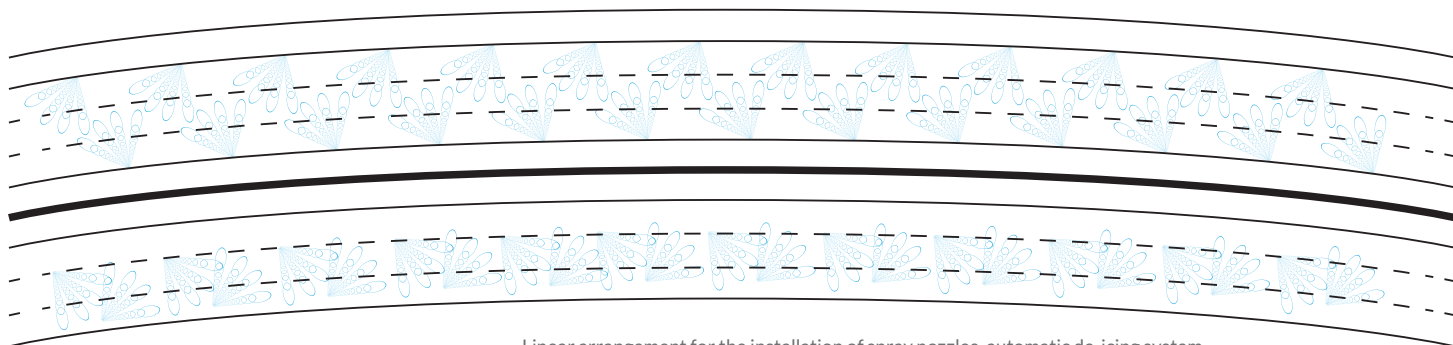
The system can be controlled by data obtained directly from a road weather station located in an area prone to frequent ice formation or manually by the system operator.



The system doses brine by means of individually controlled spraying nozzles in the event of icing danger and thus protects the road section against de-icing.



The system supports all common de-icing agents such as NaCl, CaCl₂ etc.



Linear arrangement for the installation of spray nozzles, automatic de-icing system.



The system controller contains the equipment necessary to adjust, control and protect the de-icing system. The controller can optionally be equipped with a touch screen to facilitate operation of the system.

For remote communication of the system with the Control Centre, there is a possibility of a wireless connection using a GSM modem or a wired connection using optical fibre.

METEO SENSORS

We are an authorised representative of the company:
G. Lufft Mess- und Regeltechnik GmbH



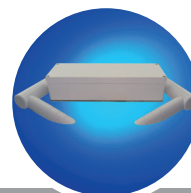
IRS31Pro



WS700



ARS31Pro



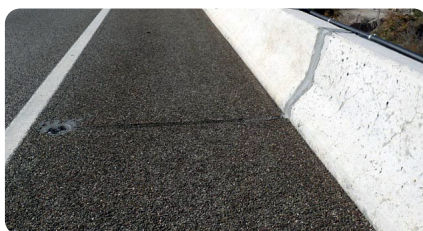
VS20k



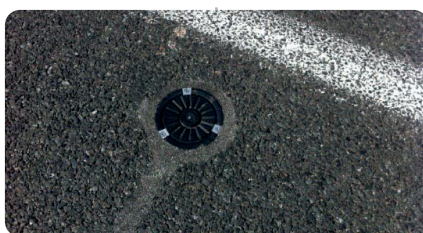
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Depending on the type of nozzle system selected and the type of facility to be protected against de-icing, the installation of the brine injection system is carried out inside or outside the facility.



Installation configurations for spray nozzles in the road surface.



Nozzle configurations for fitting spray nozzles to existing road infrastructure elements such as energy barriers, kerbs, hectometre posts, etc.



Learn more about the Control Pro Ice





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