



*In all, more than 6700 fully automatic crane spreaders and rotators have been put into service since the 1960's by Bromma Conquip.*

## Reference Application

### Wireless Access Spreader

Swedish Bromma Conquip is the industry's most experienced spreader manufacturer, known worldwide for crane spreaders of exceptional reliability.

Bromma's SCS<sup>2</sup> technology, now almost on all Bromma spreaders, is a major step forward in spreader condition monitoring and diagnostics. The SCS<sup>2</sup> gives users more comprehensive condition monitoring, faster fault diagnostics, easier on-site retrieval of diagnostic information, easy off-site spreader monitoring and diagnostics, complete status logging, and the capability to handle an increasing number of I/O's. Faster fault diagnostics, easier on site retrieval are important parameters for high uptime ratio and efficient use of machinery.

### Wireless access for increased safety

To make monitoring even more convenient, Bromma has replaced the diagnostic cables by the OEM Serial Port Adapter developed

ment. With this wireless solution all diagnostics can be made from a distance of 100 meters dramatically increasing safety and decreasing the risk for people working with service and diagnostics.



### Key features for the wireless access spreader

The key features of the wireless diagnostics system are:

- Monitoring while in operation
- Search for intermittent faults
- Download/upload spreader program
- Override inputs / outputs
- Easy access to diagnostics
- Increased safety
- Access the spreader from the service car



*Bromma's Bluetooth Serial Port Adapter dramatically decreases the risks involved for people working with service and diagnostics.*



*connectBlue's Bluetooth module is developed for industrial application requiring high reliability.*

for industrial applications provided by connectBlue. The OEM Serial Port Adapter consists of a long range Bluetooth<sup>®</sup> solution and is designed for use in harsh environ-

### About connectBlue

*connectBlue is a leading provider of wireless solutions for demanding applications in segments like industrial automation, medical, instrumentation, diagnostics, logistics / transportation, vehicles and point of sales. Based on Bluetooth technology WLAN and ZigBee, connectBlue provides ready-to-use products and modules as well as custom design solutions in both hardware and software. [www.connectblue.se](http://www.connectblue.se)*

# connectBlue

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