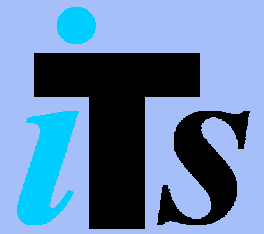




# PRODUCT DATA SHEET



# TPS

## Trailer Positioning System for container terminals

The Trailer Positioning System (TPS) ensures that the drivers stop their vehicles in exactly the right position under the quay side or gantry crane. No time wasting tractor reversing whilst the crane operator waits for the correct trailer alignment.

The system provides a simple and inexpensive solution to the problem of container / trailer positioning. No intervention from the crane or truck driver is required and the system is self-starting when switched on.



The Trailer Positioning System provides:-

- Increased speed of operation
- Reduced accident damage
- Reduced driver fatigue
- Configured for 20' 40' and 45' containers
- Simple cost effective installation, ideal for upgrading existing equipment
- Suitable for all container handling cranes
- Compact, rugged industry proven technology
- Utilises the most cost-effective position sensing
- Range of up to 60m
- Environmental protection to IP65
- Immune to ambient light interference

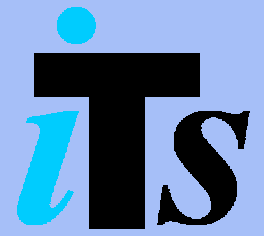


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# TPS

## Continued



Each quay crane leg is fitted with indicator lamps allowing trucks to unload in either direction and in any lane. The indicator lamps are positioned to achieve the optimum viewing position.



Signal points are fully adjustable allowing positioning tolerances to be tightened or slackened according to driver skill, quay crane spreader tolerances and other variables.

Control of the system via PLC. System functions such as lamp flash rate or even system functionality are easily modified, this was previously unobtainable with conventional relay logic.

When the loaded truck is close to the stopping position the forward amber light comes on to indicate to the driver that the truck is close to the stopping positions and he should prepare to stop. When the truck has reached the stopping position, the stop lamp comes on. If the operator overshoots the stopping position the reverse lamp illuminates.



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