









Telehandlers

Electronic Controls and Solutions





Full System Support for Mobile Markets

Market Knowledge and Solutions

Parker's Electronic Controls
Division is committed to the
material handling industry as
demonstrated by our products,
solutions and customer service.
Parker has successfully integrated
products to address the needs
of telehandler manufacturers,
including innovative solutions for
operator displays and CAN-based
control systems that increase
productivity and optimize fuel
consumption.

Value in Use

Parker has dedicated specialist teams working globally to design systems and solutions to meet your most demanding requirements. Benefits include increased productivity and time to market and reduced production set-up time, fuel consumption and emissions.

Certified Electronics

Parker offers comprehensive control systems specifically designed for the mobile industry, fulfilling the latest standards for safety and environmental protection. User-friendly application software tools are used to build up the complete system. The modules communicate via CAN bus, allowing different gateways to other systems.

All of Parker's extensive knowledge and experience in motion control for mobile applications is built in, providing optimum control and flexibility as well as on-board and remote diagnostic capabilities.



Control System Summary

- Remote diagnostics
- Fleet management telematics
- Interface to latest Tier 4 engine via J1939
- Simple fault finding
- Logging functions
- Load dependent ramps
- Power-on-demand

- Modular system architecture
- Cylinder end damping
- Simplified controls
- Fine boom feathering control
- Simple machine configuration from screen during final assembly

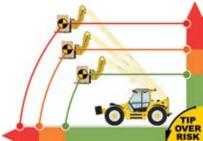


Horsepower Control, Reduced Fuel Consumption and Emissions

- Selectable single high engine speed upon boom activation.
 Alternatively, power-on-demand may be selected to proportionally match engine power to the engaged boom or drive functions requesting only the needed engine power and avoiding unnecessary fuel consumption and emissions.
- Continued engine performance and machine throughput by limiting hydraulic output to match engine horsepower capability at any given speed.

Load Moment Indication

- Static load chart displayed on screen. Configurable to different machine carriages. Complements hard copy of load chart typically mounted on dashboard.
- Dynamic load chart displayed on screen, indicates actual load behavior relative to allowable load lift zones.
- Selectable enabling of boom function limitation and interlocks depending on load tilt risk zone, as the load moment indication function relies on the boom angle sensor, lift cylinder pressure transducer and boom position.



Potential tilt risk zones

Engineering Your Success with Intelligent and Innovative Solutions







Contact Us

If you would like to discuss your mobile electronics applications, and how Parker's Electronic Controls Division can offer you a competitive advantage, please feel free to contact us at 800-221-9257 or www.parker.com/ecd.

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