



Commander® 15/15i Electrical Conversion Kit

An Efficient Solution to Making Loaders Green





Commander® 15/15i Electrical Conversion Kit

Oshkosh AeroTech has a long history of developing and manufacturing alternative fuel ground support equipment (GSE) with a particular expertise in electric powered products. This experience has included the production of electric baggage tractors, belt loaders, passenger boarding steps, transporters, tow tractors, cargo loaders and the RampSnake® bulk loader.

Green initiatives affecting GSE are gaining momentum on a global scale. Airport equipment operators are being challenged to convert a portion of their GSE fleet to zero emission products to meet all future emissions regulations. The modular design approach to our GSE product line has helped us be more effective in embracing green initiatives.

The Commander® 15/15i electric conversion kit offers an efficient solution that will extend the life of your loader and satisfy zero emission requirements.

Benefits of the Conversion Kit:

- Meets zero emission requirements at a fraction of the cost of a new loader
- Reduces fuel costs
- Extended life of loader with new motor and lower operating hours*
- Lower maintenance costs due to lower operating hours*
- Eliminates exhaust emissions and reduces noise levels
- Hydraulic, electrical and function controls remain the same
- Load/unload of 100 ULD's on single charge (on average)

* Lower operating hours in comparison to original diesel engine are a result of the electric powered system operating on demand with no non-operational idling.

Included in the Conversion Kit:

- New Power Module, with doors, painted per customer specification
- 80 V system with 3 Phase Permanent Magnet AC Motor (PMAC)
- Electronic Controller with 3 Phase Inverter and DC/DC Converter
- Higher Rated Front Wheels and Tires
- Wiring Harness for Integration
- Emergency Electric/Hydraulic Pump System with Manual Disconnect Switch
- Field Installation by Oshkosh AeroTech Technicians

Batteries to be supplied by customer (lithium ion batteries)



The Commander® 15/15i electric conversion kit is available exclusively from 1996 to newer models.

Oshkosh AeroTech warrants the components provided in the power module conversion kit for 12 months or 1,000 operating hours, whichever occurs first.

Contact your Oshkosh AeroTech sales representative for a price quotation and additional information on the Commander® 15/15i electric conversion kit.



oshkosh-aerotech.com
An Oshkosh Corporation (NYSE:OSK) Business



© 2024. Oshkosh AeroTech and the Oshkosh logo are trademarks of Oshkosh Corporation. Oshkosh, Wisconsin, USA. Specifications, descriptions, and illustrative material in this literature are as accurate as known at the time of publication and are subject to change without notice. Illustrations may include optional equipment and accessories and may not include all standard equipment. All measurements are nominal values.