



ELECTRICAL COMPONENTS - APPLICATION OVERVIEW

MECHANICAL AND ELECTRICAL DIVISION

MECHANICAL - ELECTRICAL SOLUTIONS FOR REFUSE TRUCKS



Battery-powered vehicles offer many benefits over combustion engines: no emissions, silent operation, energy efficiency and low maintenance costs. However, selecting and integrating the right components for an optimized electric powertrain can be a challenging and time-consuming task. Whether it is for industrial equipment, construction, agricultural machinery, compact urban vehicles, or any other electrification projects, the Canimex electrification team is your trusted partner.

Collaborating with renowned manufacturers for more than 50 years, we supply, customize and integrate premium mechanical and electrical powertrain components for turnkey solutions for our partners. From electric transaxles, wheel drives, AC and DC motors, motor controllers with parametrization, actuators, batteries and battery chargers, to mechano-electric sub-assemblies, engineering support and testing capabilities, we are the electrification partner you have been waiting for!

OUR SOLUTIONS

- **Exclusive partnerships in the electrification industry**
- **Solid technical expertise**
- **Project management team**
- **Testing capabilities**
- **High-quality standards**

CONVERTING HYDRAULIC REFUSE TRUCK ACCESSORIES TO ELECTRIC

Canimex is your trusted system integrator for converting your refuse truck accessories from hydraulic to 100% electric by selecting and integrating mechano-electric assemblies for your trucks' dumpsters.



AUXILIARY MOTOR



CONTROLLER



CONVERTER DC-DC



PLANETARY GEARBOX



SPEED REDUCER



MECHANICAL COMMODITIES



BATTERY



BATTERY CHARGER



MECHANICAL - ELECTRICAL SOLUTIONS FOR ROAD SWEEPERS



CONVERTING HYDRAULIC ROAD SWEEPER ACCESSORIES TO ELECTRIC

Canimex is your trusted system integrator for converting your road sweeper accessories from hydraulic to 100% electric by selecting and integrating mechano-electric assemblies for your sweepers.

By combining mechanical and electrical expertise with premium-quality components, Canimex offers complete and fully customized solutions for electric road sweeper accessories and provides all the engineering support to guide you through this new electrical journey. Noisy vehicles and high maintenance are over. Beat the competition by manufacturing the quietest and most efficient electric road sweeper for your customers!



WHEEL DRIVES



MOTOR CONTROLLER



ELECTRIC MOTORS



PLANETARY GEARBOX



CONVERTER DC-DC



MECHANICAL COMMODITIES



BATTERY



BATTERY CHARGER



MECHANICAL AND ELECTRICAL SOLUTIONS FOR LOW-SPEED VEHICLES



E-LSVs BUILT TO LAST

Electric low-speed vehicles are one of the key markets for greener cities and a sustainable future. They contribute to decongesting cities and offer mobility for municipalities' daily duties, last-mile deliveries, construction sites, and industrial uses.

By combining mechanical and electrical expertise with premium-quality components, Canimex offers complete and fully customized e-drivetrain solutions for e-LSVs and provides all the engineering support to guide you in designing the most robust yet lightest vehicles on the market.



AXLES



WHEEL DRIVES



ELECTRIC MOTORS



MOTOR CONTROLLERS



BATTERY



BATTERY CHARGER



MECHANICAL AND ELECTRICAL ACCESSORIES



MECHANICAL - ELECTRICAL SOLUTIONS FOR LAWN MOWERS



CONVERTING HYDRAULIC LAWN MOWER ACCESSORIES TO ELECTRIC

e-Lawn mowers play a big part in cutting emissions, as gas-powered yard equipment can emit the same level of pollution per hour as 40 new cars. e-Lawn mowers not only contribute to a greener and more sustainable future but also facilitate the work of users by reducing the level of noise, reducing the cost of maintenance, and offering powerful performances.

By combining mechanical and electrical expertise with premium-quality components, Canimex offers complete and fully customized e-drivetrain solutions for e-lawn mowers and provides all the engineering support to guide you in designing the most robust and efficient vehicles on the market.



AXLES



WHEEL DRIVES



ELECTRIC MOTORS



MOTOR CONTROLLER



DECK MOTORS



BATTERY



BATTERY CHARGER



MECHANICAL AND ELECTRICAL ACCESSORIES



MECHANICAL - ELECTRICAL SOLUTIONS FOR BOATS



ELECTRIC BOATS – POWER YOUR PASSION

Electric boats don't just play a big part in a greener future; they also offer a whole new cruising experience by combining powerful performances with quiet and clean driving.

With 50 years of mechanical and electrical expertise with premium-quality components, Canimex provides complete and fully customized e-drivetrain solutions for marine applications. Start the electric revolution today with our solutions and let our engineering team guide you in designing the cleanest and most robust boats on the market.



ELECTRIC MOTORS



MOTOR CONTROLLER



BATTERY



BATTERY CHARGER



MECHANICAL - ELECTRICAL SOLUTIONS FOR AUTOMATED GUIDED VEHICLES



E-DRIVETRAIN SOLUTIONS FOR AUTOMATED GUIDED APPLICATIONS

Automated guided vehicles are now more than ever the most effective solution for optimized storage management. They not only improve the inventory capacity and delivery time but also facilitate the work of users by reducing the level of noise, pollution, and cost of maintenance for operators.

By combining mechanical and electrical expertise with premium-quality components, Canimex offers complete and fully customized e-drivetrain solutions for AGVs and provides all the engineering support to guide you in designing the most robust and efficient applications on the market.



WHEEL DRIVES



ELECTRIC MOTORS



MOTOR CONTROLLER



BATTERY



BATTERY CHARGER



MECHANICAL AND ELECTRICAL ACCESSORIES



MECHANICAL - ELECTRICAL SOLUTIONS FOR UTILITY TERRAIN VEHICLES



POWERFUL E-DRIVETRAIN SOLUTIONS FOR ATVs AND UTVs

The electrification of ATVs and UTVs is now more than a trend, it is a must! e-ATVs and e-UTVs offer many advantages, whether it is for working jobs or recreational activities, by reducing the cost of maintenance and noise while offering high capacities and performances.

By combining mechanical and electrical expertise with premium-quality components, Canimex provides complete and fully customized e-drivetrain solutions for ATVs and UTVs. You no longer need to sacrifice power and performance when choosing electric. Our solutions and engineering support will guide you in designing the most robust and powerful vehicles on the market.



AXLES



WHEEL DRIVES



ELECTRIC MOTORS



MOTOR CONTROLLER



BATTERY



BATTERY CHARGER



MECHANICAL AND ELECTRICAL ACCESSORIES



MECHANICAL - ELECTRICAL SOLUTIONS FOR BURDEN AND PERSONAL CARRIERS



POWERFUL E-SOLUTIONS FOR BURDEN AND PERSONAL CARRIERS

Electric burden and personal carriers facilitate the work of users by reducing the level of noise and pollution without impacting the load capacities and performances for heavy-duty applications. Hence, they contribute to a safer and healthier environment for organizations while offering higher working capacities.

By combining mechanical and electrical expertise with premium-quality components, Canimex offers complete and fully customized e-drivetrain solutions for e-carriers and provides all the engineering support to guide you in designing the most robust and efficient vehicles on the market.



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WHEEL DRIVES



ELECTRIC MOTORS



MOTOR CONTROLLER



MECHANICAL AND ELECTRICAL ACCESSORIES



BATTERY



BATTERY CHARGER



MECHANICAL - ELECTRICAL SOLUTIONS FOR ROBOTICS



FULLY CUSTOMIZABLE AND EFFICIENT E-DRIVETRAIN SOLUTIONS FOR ROBOTS

Robotics is one of the most promising and growing markets. Robots offer many advantages for diverse applications, whether for automatized industries, last-mile deliveries, or even research and development operations.

Strong with 50 years of mechanical and electrical expertise with premium-quality components, Canimex provides complete and fully customized e-drivetrain solutions to guide you in designing the lightest, most efficient and compact robots on the market.



AXLES



WHEEL DRIVES



ELECTRIC MOTORS



MOTOR CONTROLLER



BATTERY



BATTERY CHARGER



MECHANICAL AND ELECTRICAL ACCESSORIES



CANIMEX GROUP IN BRIEF

50

Over **50 YEARS** of partnership and innovation

6

The strength of one group with the expertise of **6 business UNITS**

70

A world leader with a presence in more than **70 COUNTRIES**

1 800 000

Production and warehousing facilities in Drummondville totaling more than **1 800 000 SQUARE FEET**

1969

A tradition of excellence **SINCE 1969**



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