Engineered Systems

Kraft adds value by engineering customer specific solutions utilizing standard and custom components:

- Electrical system design
- Custom Vertical and Motor in Wheel Drives
- Machine Control Systems
- Planetary final drives with electric motors and brakes
- Slew Ring Bearings and Electric Slew Drives
- Hydraulic Power Units with variable speed pump motors
- Radio Controls
- Tires and Wheels
- Battery Systems

Engineering and Tech Services

Kraft specializes in systems integration. By taking responsibility for the full integration of electric motors, wheel drives, motor inverters, radio controls, and master controllers, Kraft lowers customer risk and improves speed to market. Our staff includes:

- Professional Technical Sales Team
- Experienced Application Engineers
- Factory Trained Technicians

OEM Focus

Since our beginning, Kraft has specialized in working with battery powered vehicle OEM’s in diverse markets:

- AGV and AGC
- Material Handling
- Amusement
- Utility Vehicles
- On-Highway Bus
- Golf Carts

Battery Systems

- Safe and Reliable Lithium-Ion Solutions
- Connect in Series & Parallel for any Voltage/Capacity
- Easy System Monitoring & Service via Laptop
- On Vehicle and Stationary Type Chargers

Wheel Drives

- Steerable or Traction only with AC or DC Motors
- Electric Brakes and Encoders
- Wheel loads from 400 to 50,000 lb

Pump Motors & Electric Motors

- Typically used on 24, 48, 80, or 96 V Battery Vehicles
- Synchronous (3 Phase) AC, Permanent Magnet AC, or DC
- Internal Speed and Temperature Sensors
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Products

Kraft Electric Drives represents manufacturers who are the technology leaders in the low voltage electric drive market. From supplying stand-alone components to integrated drive systems, Kraft employs an engineering staff ready to assist in developing applications. Our engineers work with customers and our suppliers to customize motor control software ensuring optimum efficiency and performance. Our success has grown beyond just the material handling industry expanding into amusement park technologies, aviation ground support equipment, hybrid vehicles, and custom utility vehicles.

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Radios, Displays, Encoders, and Pendants
• Absolute and Incremental Encoders
• Safe and Reliable Radio Controls
• CAN type displays and push buttons

Motor Controller Inverter
• Converts DC to 3-Phase AC
• 12, 24, 48, 80, and 96 V to 1000 amps
• Other voltages available upon request

Kraft Electric Drives

Kraft Electric Drives is a division of Kraft Fluid Systems whose primary focus is on Mobile Hydraulics for off-highway equipment. We are driven to provide the best products and support to make you successful!
100% Employee Owned

Founded in 1972 by Bob and Marie Kraft, we became 100% employee owned in 2000.

- All employees are owners who share in your success
- We stand behind and take ownership of our work and products
- Responsive Customer Service and Technical Support Teams

Schabmüller

AC and DC motors, integrated drive systems, pump motors

Oerlikon-Fairfield Manufacturing
Torque Hub™ final drives

Plus +1
Mobile electronics, microcontrollers, displays, joysticks, sensors, Plus +1™ GUIDE

Wachendorff Electronics USA
LCD displays and operator panels

Shilla
Slewing rings, slew bearings

Inmotion
Global supplier of electric motors, motor controllers and inverters

LithiumWerks
Lithium Ion Battery Solutions

Zivan
Mastering the recharge, control and care of any type of battery since 1985

Schwarzmüller Inverter
Danfoss PLUS +1 inverters

HBC radiomatic
High-quality radio controls

IMO
Slew rings, slew drives

Oerlikon Graziano
Low noise, high efficiency drivelines for electric vehicles

Fraba
Incremental encoders, absolute encoders and inclinometers

Kraft Fluid Systems
Integrated hydraulic, power transmission and electronic control systems

Murr Elektronik
The xtreme DB family of distribution blocks for the mobile controls market, cables connectors and other accessories

For more Information, visit www.kraftfluid.com/electric-drives