

POWER AHEAD

 *plugpower*  *GenDrive*

Today's Fuel Cells for proven, reliable power.

GenDrive®

Tested. Proven. Rugged. Reliable. GenDrive® is the premium solution for your lift truck power needs. Plug Power's full suite of GenDrive products are designed to fit seamlessly into your existing electric lift truck fleet. As an economically viable power solution, GenDrive allows you to streamline operations while maximizing your fleet uptime, all while reducing greenhouse gas emissions at your facility.

Productivity

Continuous power drives increased productivity and operator acceptance.

If only your batteries worked as hard as your lift truck operators. The problem is, batteries can't keep up. Battery droop limits productivity on the floor. And, trips to the battery room mean waiting in line, downtime, and lost productivity.

GenDrive fuel cells provide continuous power at all times, running superior to a lead-acid battery even in freezer environments as low as -22°F. That means no performance degradation, no trips to the battery room, no swapping out batteries and no recharging or cooling. GenDrive-powered lift trucks continuously run at full speed and never require changing. Truck operators conveniently refuel the units themselves at compact hydrogen fueling stations set in strategic locations on the floor. Refueling takes as little as 90 seconds, and it's simple and safe.

Material handling becomes more efficient. More goods are moved. Productivity standards and incentives are exceeded. With GenDrive you can recharge your workforce, not your batteries.

Lower Costs

Reduce operational costs and expand valuable floor space.

Standard practice says at least two, if not three, batteries to a truck. One in the truck, one charging and one cooling. Standard practice also suggests purchasing more truck batteries than needed on an average day to cover spikes in throughput. With GenDrive the equation is much simpler. One truck. One fuel cell. No battery room. That means more space for your business.

GenDrive eliminates the labor costs associated with changing batteries and significantly reduces the wear on lift truck motors caused by battery droop. This results in reductions in maintenance and repairs and enhances the ability to manage peaks in productivity. Eliminating a battery charging infrastructure also significantly reduces the peak power demand of your operation. Fleet utilization just got a whole lot simpler.

Series 1000

- 3-Wheel Sit-Down Trucks
- 4-Wheel Sit-Down Trucks



Series 2000

- Stand-Up Reach Trucks
- Stand-Up Counterbalanced Trucks
- Turret Trucks



Series 3000

- End Rider Pallet Trucks
- Center Rider Pallet Trucks
- Man-Up Orderpickers
- Tow Tractors

Green

Safe and clean solution eliminates emissions and toxic chemicals.

GenDrive power units produce zero harmful emissions during operation. The by-products of hydrogen fuel cells are heat and water. Unlike toxic batteries, fuel cells don't leave behind any lead and sulfuric acid. That's good for the environment, safer for your employees and eliminates the costs associated with the handling and storing of toxic chemicals.

In the past, the perception has been that going green costs too much. With GenDrive, what's good for the environment is good for your bottom line. Lower costs, increased productivity, no emissions and no toxins.

Safe Fuel

Vehicle and operator downtime will virtually disappear.

Refueling a GenDrive fuel cell takes as little as 90 seconds and only requires one person – in fact, lift truck operators can do it themselves. And, it's completely safe. There's no waiting in line and no swapping out heavy batteries. Operators can now be in control of their shifts. And because a fueled GenDrive runs continuously at maximum power, fleet productivity is now extremely predictable.

Simply drive up to one of several compact refueling stations strategically located around the facility and fill up. It's a lot like filling up a car with gas — only much cleaner because heat and water are the only emissions.

Proven

GenDrive offers proven performance.

The GenDrive fuel cell product line was developed with the material handling industry in mind. The power units fit seamlessly into the space occupied by batteries and come equipped with standard Anderson connectors. The maintenance required is minimal, and technicians will be able to service GenDrive units as easily as batteries. And with respect to product lifecycles, GenDrive will outlast batteries. As long as fuel is supplied, the fuel cell operates at full power.

The standardized suite of GenDrive products are an economically viable power solution designed to streamline operations and maximize fleet uptime. And, with over five million hours logged at customer sites across North America, GenDrive doesn't just offer great promise, it delivers proven performance.



Powerful Benefits

Increased Productivity by up to 15%

Battery-powered lift trucks lose speed over the last half of the battery charge. GenDrive fuel cells maintain constant power at all times, keeping the vehicle running at full speed throughout the entire shift.

Lower Operational Costs by up to 30%

The GenDrive solution eliminates the need to change, charge and manage batteries. The units run longer than lead-acid batteries and can be fueled in as little as 90 seconds, substantially reducing vehicle and personnel downtime.

Reduce Site Emissions by up to 80%

Safe. Clean. Efficient. The GenDrive fuel cell solution produces zero harmful emissions and eliminates the costs associated with handling and storing toxic materials.

More Operational Space

Compact fueling stations replace large battery charging rooms, freeing up valuable warehouse space for other purposes.

Significantly Reduce Peak Power Demand

The need for high-cost electricity is eliminated as battery charging racks disappear from operations.



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