

FIND YOUR MATCH. POWER YOUR FLEET.



HYSTER® POWER MATCH

THE RIGHT POWER SOURCE CAN MAKE A BIG IMPACT

Are you using the most efficient power source for each truck in your fleet? Are regulations forcing you to re-evaluate? Which one is most cost efficient? With so many new technologies and improvements to existing options, choosing the right power source for your materials handling fleet may make your head spin. It's time to ask the experts.



Increase productivity and provide opportunity for higher throughput



Comply with emissions regulations and sustainability initiatives



Decrease operational costs



Reduce labor concerns and costs



Improve profit margins



Increase work space utilization and efficiency

QUESTIONS TO CONSIDER

Our Hyster Power Match experts have found that selecting the best forklift power source involves researching and calculating several variables, some of which include:

1. Fleet size and characteristics
2. Number of shifts
3. Local utility prices and grid stability
4. Space requirements
5. Operator discipline

WHAT ARE MY OPTIONS?

Hyster offers a wide range of power sources from a variety of providers. This gives us the ability to objectively evaluate your application and recommend the power source that helps give you the best performance for your application.

LEAD-ACID BATTERY

- Low acquisition cost
- Wide-ranging applications
- Time-tested technology

INTERNAL COMBUSTION ENGINE

- Exceptional durability
- Consistent power delivery
- No electrical grid dependency

THIN PLATE PURE LEAD

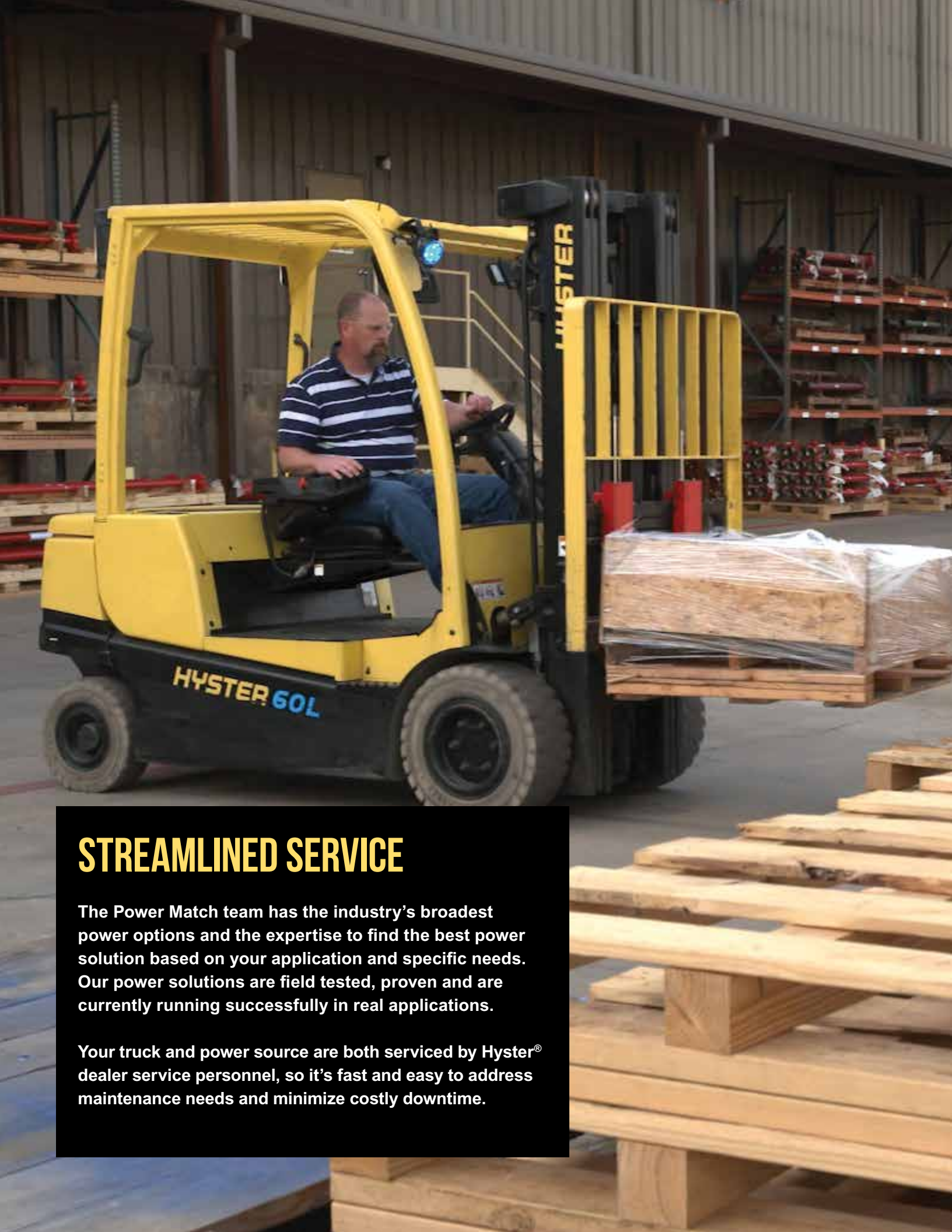
- Rapid charging
- Virtually maintenance-free
- Long storage life
- 99% recyclable

LITHIUM-ION BATTERY

- Zero maintenance
- Consistent power delivery
- Broad temperature range performance
- Quick opportunity charging

HYDROGEN FUEL CELL

- Consistent power delivery
- Minimal facility footprint
- Refuels as quickly as 3 minutes
- Zero harmful emissions



STREAMLINED SERVICE

The Power Match team has the industry's broadest power options and the expertise to find the best power solution based on your application and specific needs. Our power solutions are field tested, proven and are currently running successfully in real applications.

Your truck and power source are both serviced by Hyster® dealer service personnel, so it's fast and easy to address maintenance needs and minimize costly downtime.

COMMON POWER MYTHS: BUSTED

MYTH

Hydrogen fuel cells require expensive fueling infrastructure.

TRUTH

While this used to be true, there are now multiple hydrogen fuel options and delivery methods available, in some cases with little or no required fueling infrastructure investment.

MYTH

Lithium-ion batteries are the best option for all electric forklifts.

TRUTH

Though lithium-ion batteries provide consistent power, allow for quicker charging and eliminate the need for a battery room, required operator discipline for charging and robust electrical infrastructure might present challenges in certain applications.

MYTH

TPPL is basically the same as lead-acid.

TRUTH

TPPL utilizes slimmer electrodes (thin plate) and a higher purity lead (pure lead) than those employed in conventional lead-acid battery designs.¹ Unlike a lead-acid battery, TPPL does not need to be watered or equalized and recharges faster.

MYTH

All lead-acid batteries are essentially the same.

TRUTH

In the past decade, designs for lead acid batteries have advanced to keep pace with demanding applications. This has led to a wide array of models, each with its own performance characteristics and requirements.

MYTH

Trucks with internal combustion engines can never be used indoors.


TRUTH

Indoor applications are possible with newer internal combustion engine trucks. However, these applications must be highly-ventilated with frequent air quality monitoring to ensure adequate dilution of pollutants. Strict adherence to equipment maintenance schedules is also required.

To start a free evaluation of your power source needs, contact your local Hyster dealer.



Hyster Company
P.O. Box 7006
Greenville, North Carolina
27835-7006

© Hyster Company. 2023, all rights reserved. Hyster and  are trademarks of Hyster-Yale Group, Inc.

Hyster products are subject to change without notice.
Trucks may be shown with optional equipment.

¹ Texas Motive Solutions. Thin Plate Pure Lead Battery Myths. October 4, 2022.
<https://txmotive.com/blog/thin-plate-pure-lead-battery-myths/>