PLAN B

INNOVATIVE SOLUTIONS
FOR A CLEANER
TOMORROW

PLAN B ENGINEERING SOLUTIONS

CONVERT YOUR FORKLIFT TO ELECTRIC

Smarter Material Handling.
Cleaner Operations.

Transform your existing forklift into an electric-powered solution with Plan B Engineering Solutions's forklift conversion technology.



ELECTRIC FORKLIFT CONVERSION

www.planbengineering.solutions
planbengineeringsolutions@gmail.com
+91 90426 20399
+91 86107 28542

OUR FORKLIFT
EV CONVERSION

Breathe new life into your forklifts with our advanced electric conversion solutions.

We convert conventional, fuel-powered forklifts into reliable and efficient electric machines by replacing the engine and fuel system with a high-performance electric powertrain.



SUSTAINABLE UPGRADE

Reduce emissions and support a greener future.

COST EFFICIENT

Lower fuel, service and maintenance costs.

ENHANCED PERFORMANCE

Smoother, quieter and more reliable operation.

MAXIMUM UTILIZATION

Upgrade your existing fleet — instead of replacing it.

KEY FEATURES

Advanced technology. Smarter operations.
Built for your tomorrow.



Electric Battery-Powered Drive

Clean, efficient and long-lasting power for maximum productivity.



Electric Hydraulic Motor with RPM Control

Precise speed control for smooth and reliable performance.



Hydraulic Power Steering

Easy handling, reduced effort, greater control.



Smooth Hydraulic Load Lifting Control

Safe, steady and precise lifting for every load.



Emergency Stop Button

Instant response for a safer work environment.



3-Ton Lifting Capacity

Handle more.
Do more.
With confidence.

APPLICATIONS

WHERE IT CAN BE USED

Versatile solutions for a cleaner, safer and more efficient material handling across industries.

Warehouses and distribution centers.

Moving pallets, loading and unloading trucks, and stacking racks.



Factories and manufacturing plants.

Carrying raw materials and finished goods between production lines and stores.



Indoor and enclosed areas.

The zero exhaust emissions make it suitable where ventilation is limited.



Food, pharma and cold-storage facilities.

These need clean, low-emission handling.



Retail, logistics and cargo yards.

Short-distance, repetitive material handling.



Workshops and maintenance areas.

Lifting heavy parts, machinery of equipment.



3T10H MODEL

3-TON ELECTRIC FORKLIFT

Powerful, Efficient, Reliable.
The 3T10H model is designed for higher productivity with advanced electric technology, ensuring smooth and safe material handling in your operations.



ZERO EMISSIONS
Cleaner air, healthier workplace.

ELECTRIC POWERED
High efficiency, low operating cost.

HIGH DURABILITY
Built for long-term use.

LOW MAINTENANCE
More optime, more productivity.

SPECIFICATIONS

3-TON ELECTRIC FORKLIFT (MODEL 3T10H)

Model	3T10H
Motor	PMSM
Motor Function	Drive and Lift
Battery Type	LFP
Battery Capacity	29 kWh
Running Time	8 – 10 hours
Charging Time	5.5 – 6 hours (from 20% charge)
Motor Warranty	1 year
Controller Warranty	1 year
Battery Warranty	5 years
Motor IP Rating	IP67
Controller IP Rating	IP54
Battery IP Rating	IP67

BATTERY POWERED
Clean, efficient and long-lasting energy source.

ELECTRIC MOTOR (PMSM)
High efficiency, low maintenance and reliable performance.

LONG RUNTIME
8 – 10 hours of continuous use per charge.

FAST CHARGING
5.5 – 6 hours (from 20% charge).

COMPREHENSIVE WARRANTY
1–5 years coverage for peace of mind.

HIGH IP PROTECTION
IP67 (motor & battery), IP54 (controller).

3T6H MODEL
ELECTRIC FORKLIFT

Powerful. Efficient. Reliable.
The 3T6H model is designed for high performance with advanced electric technology, ensuring smooth and safe material handling in your operations.



ZERO EMISSIONS
Cleaner air, healthier workplace.

ELECTRIC POWERED
High efficiency, low operating cost.

HIGH DURABILITY
Built for long-term use.

LOW MAINTENANCE
More uptime, more productivity.

SPECIFICATIONS
3-TON ELECTRIC FORKLIFT (MODEL-3T6H)

Model	3T6H
Motor	PM5M
Motor Function	Drive and Lift
Battery Type	LFP
Battery Capacity	22.7 kWh
Running Time	4 – 6 hours
Charging Time	4 hours
Motor Warranty	1 year
Controller Warranty	1 year
Battery Warranty	5 years
Motor IP Rating	IP67
Controller IP Rating	IP54
Battery IP Rating	IP67

BATTERY POWERED
Clean, efficient and long-lesting energy source.

ELECTRIC MOTOR (PMSM)
High efficiency, low maintenance and reliable performance.

LONG RUNTIME
4 – 6 hours of continuous use per charge.

FAST CHARGING
4 hours.

COMPREHENSIVE WARRANTY
1 – 5 years coverage for peace of mind.

HIGH IP PROTECTION
IP67 (motor & battery), IP54 (controller).

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2T4H MODEL
ELECTRIC FORKLIFT

The 2T4H model is designed for high performance with advanced electric technology, ensuring smooth and safe material handling in your operations.



ZERO EMISSIONS
Cleaner air, healthier workplace.

ELECTRIC POWERED
High efficiency, low operating cost.

HIGH DURABILITY
Built for long-tern-use.

LOW MAINTENANCE
More optime, more productivity.

SPECIFICATIONS
2-TON ELECTRIC FORKLIFT (MODEL-2T4H)

Model	2T4H
Motor	PMSM
Motor Function	Drive and Lift
Battery Type	LFP
Battery Capacity	18.7 kWh
Running Time	3 – 4 hours
Charging Time	3 hours (from 20% charge)
Motor Warranty	1 year
Controller Warranty	1 year
Battery Warranty	5 years
Motor IP Rating	IP67
Controller IP Rating	IP54
Battery IP Rating	IP67

BATTERY POWERED
Clean, efficient and long-lasting energy source.

ELECTRIC MOTOR (PMSM)
High efficiency, low maintenance and reliable performance.

LONG RUNTIME
3 – 4 hours of continuous use per charge.

FAST CHARGING
3 hours (from 20% charge)

COMPREHENSIVE WARRANTY
1–5 years coverage for peace of mind.

HIGH IP PROTECTION
IP67 (motor & battery).
IP54 (controller).

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