

**ESSENTIAL**

**MOPB015Q1 Series**

# MINI ORDER PICKER

0.15 tonnes

## STEADY LIFTING SAFER PICKING

For workplaces still using ladders for light to medium volume order picking such as shops, retail, and warehouse applications (as well as maintenance tasks up to a height of 5m), the MOPB15Q1 Series makes for a safer and more productive alternative to help reduce the chance of injuries. Built around operator safety, the trucks are easy to use but can make a big difference to productivity and efficiency in the warehouse.

The platform carries up to 150kg, while the load tray has a capacity of 90kg.

### SPECIFICATIONS

MOPB015Q1



**WHEN  
RELIABILITY IS  
EVERYTHING...**

# ESSENTIAL

## MOPB015Q1 Series

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#### BRAKES

- **Regenerative braking**  
Extends shift life and gives effective control without brake wear.

#### DRIVE

- **Automatic Speed Reduction**  
Drive speed is automatically limited when platform is raised above a certain height.
- **Drive speed 4.5 km/h**  
When mast is lowered.
- **Powerful AC drive motor**  
Excellent traction, smooth, quiet, controlled operation, extended shift length and lower maintenance requirements.

#### ELECTRICAL AND CONTROL SYSTEMS

- **High performance ZAPI motor drive controller**  
This delivers excellent traction control.
- **Combi controller lift system**  
Proportional valve for speed-regulated lifting and lowering.
- **Li-ion battery**  
Fast opportune charging removes the need for extra batteries and allows 24/7 operation.

#### FORKS AND MAST

- **Robust mast structure and stable chassis**  
Safer load handling at maximum work height.

#### FRAME AND BODY

- **Compact frame**  
Small footprint of 750mm and a low step-in allows flexibility in narrow aisles.



- **Polyurethane wheels**  
Greater stability during load handling.
- **Tow device**  
The truck can pull light trailers if needed. (Option)

#### OPERATOR COMPARTMENT AND CONTROLS

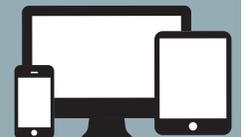
- **Battery Discharge Indicator with hour meter**  
Keeps operator informed of status.
- **Key switch**  
The truck can only be used by an operator with a key
- **Operator Presence Sensor**  
This locks all movement of the truck and its mast if the operator is not present.
- **Adjustable tray**  
This allows for greater visibility during order picking.
- **Hand sensors**  
These ensure the operator has both hands on the controls during travel and lift functions.
- **Ultra-low step height**  
Operators stay more productive throughout shifts thanks to easy on/off access.
- **Gate lock**  
For safety reasons, when the gate is open the truck will not move.
- **Anchor point for safety harness**  
This helps to secure the operator during lifts for extra safety.

#### OTHER FEATURES

- **Emergency stop button and horn**
- **Blue floor light (Option)**



For more information on MOPB015Q1 Series please visit our website



[mft2.eu/essmopbq](http://mft2.eu/essmopbq)



# ESSENTIAL LI-ION BATTERY SYSTEMS

## MAKE YOUR FORKLIFT GO EVEN FURTHER

**Tried, tested and proven in the field, lead-acid batteries have been the long-standing choice for companies employing electric lift trucks. However, with long charging times, demanding maintenance requirements, the need for extra batteries, and high risk of operator misuse, day-to-day use can be a challenge.**

Fortunately, there's a new battery system on the block: Li-ion from Mitsubishi Forklift Trucks.

Designed to meet your business' demands — including multi-shift (24/7) operations — without the need for spare batteries, our high-performance Li-ion battery system is up to 30% more efficient than lead-acid counterparts. Plus, it's virtually error-proof, thanks to its ultra-low-maintenance design which prevents cell damage.

- **Gas-emission free**  
No need for air ventilation.

- **Exceptional high battery and charger efficiency**  
State-of-the-art technology delivers up to 30% more power efficiency than lead-acid batteries.
- **Maintenance-free design**  
No need for daily checks and water re-fills. This reduces the risk of operators damaging cells and reducing their lifetime. Needs a full charge each week to activate cell balancing.
- **No need for spare batteries or charging room**  
You can save both space and costs in multi-shift applications, maximising profitability.
- **Quick charge capabilities**  
Just 15 minutes is all your battery needs to keep your truck going for a few more hours. It only takes 1 to 2 hours to fully charge a completely discharged battery.

- **Higher sustained voltage**  
This gives more consistent lifting and driving performance — particularly noticeable towards the end of a shift.
- **Multiple safety features**  
This includes circuit protection, deep-discharge and overcharge protection, and individual cell temperature and voltage monitoring.
- **On-the-go performance and monitoring**  
The system's integrated monitoring system has an easy-to-read display unit.
- **Wide choice of battery and charger capacities**  
The most suitable power supply can be matched to the exact requirements of a specific application.

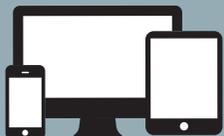



**Clean Li-ion batteries are ideal for sensitive environments such as those in the food or packaging industries.**

**Fully integrated Li-ion battery**

Features a sophisticated CANbus communication and an automatic ON/OFF synchronization between battery and truck. Battery level, notifications and alarms are integrated into the truck display, to secure clear and easy overview for the truck operator.

**For more information on Li-ion please visit our website**



Li-ion battery option is available in selected regions. Continuing improvement may lead to changes in these specifications

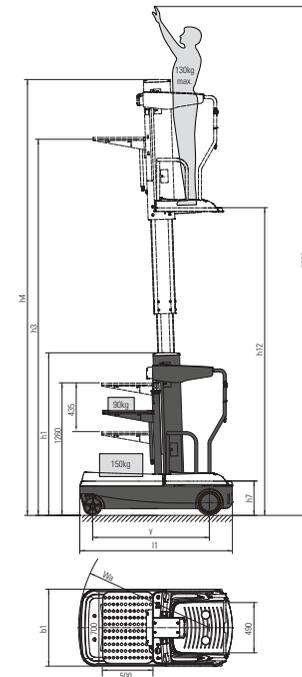
# VDI - PERFORMANCE & DIMENSIONS

CHARACTERISTICS				
1.1	Manufacturer			Mitsubishi Forklift Trucks
1.2	Manufacturer's model designation			MOPB015Q1
1.3	Power source			Battery
1.4	Operator type			Stand-on
1.5	Load capacity	Q	kg	90 + 150 + 130 <sup>4)</sup>
1.9	Wheelbase	y	mm	1145
WEIGHT				
2.1b	Truck weight without load, with maximum battery weight		kg	750
WHEELS, DRIVE TRAIN				
3.1	Tyres: PT = Power Thane, Vul = Vulkollan, P = Polyurethane, N = Nylon, R = Rubber drive / load side			P
3.2	Tyre dimensions, drive side		mm	250 x 60
3.4	Castor wheel dimensions (diameter x width)		mm	180 x 50
3.5	Number of wheels, load / drive side (x = driven)			2x / 2
DIMENSIONS				
4.2a	Height with mast lowered	h1	mm	1590
4.4	Lift height	h3	mm	3000
4.5	Height with mast extended	h4	mm	4225
4.14	Platform height, raised	h12	mm	3000
4.19	Overall length	l1	mm	1500
4.20	Overall width	b1/b2	mm	750
4.35	Turning radius	Wa	mm	1300
PERFORMANCE				
5.1	Travel speed, with / without load		km/h	4.5
5.2	Lifting speed, with / without load		m/s	0.14
5.3	Lowering speed, with / without load		m/s	0.13
5.8	Maximum gradeability with / without load		%	5
ELECTRIC MOTORS				
6.1	Drive motor capacity (60 min. short duty)		kW	0.5
6.2	Lift motor output at 15% duty factor		kW	2.2
6.4	Battery voltage/capacity at 5-hour discharge		V/Ah	24 / 100
6.5	Battery weight		kg	45
MISCELLANEOUS				
8.1	Type of drive control			DC

4) Driver weight

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# WHEN RELIABILITY IS EVERYTHING...



**ESSENTIAL**  
**SIMPLE. RELIABLE.**  
**ECONOMICAL.**

High quality, low cost.

The ESSENTIAL range of warehouse products is ideal for low- to medium-intensity operations in a huge number of different applications. The tough, low-maintenance designs offer excellent value for money.

Like any product bearing the Mitsubishi Forklift Trucks name, our materials handling equipment benefits from the tremendous heritage, huge resources and cutting-edge technology of one of the world's largest corporations – Mitsubishi Heavy Industries Group.

Engineering spacecraft, jet planes, power plants and more, MHI specialises in those technologies where performance, dependability and superiority decide your success or failure...

So when we promise you quality, reliability and value for money, you know it's a guarantee we have the power to deliver.

That's why every model in our award-winning and comprehensive range of lift trucks and warehouse equipment is built to a high specification – to ensure it keeps working for you. Day after day. Year after year. Whatever the job. Whatever the conditions.

## YOU'LL NEVER WORK ALONE

As your local authorised dealer, we are here to keep your trucks working – through our extensive experience, our technical excellence and our commitment to customer care.

We are your local experts, backed by efficient channels to the entire organisation of Mitsubishi Forklift Trucks.

No matter where you are, we are close by – with the capability to meet your needs.

Discover how Mitsubishi Forklift Trucks give you more from your local authorised distributor or when you visit our website [www.mitforklift.com](http://www.mitforklift.com)

Performance specifications may vary depending on standard manufacturing tolerances, vehicle condition, types of tyres, floor or surface conditions, applications or operating environment. Trucks may be shown with non-standard options. Specific performance requirements and locally available configurations should be discussed with your distributor of Mitsubishi forklift trucks. We follow a policy of continual product improvement. For this reason, some materials, options and specifications could change without notice.

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