

Powered Pallet Trucks



Whatever your materials handling need...

Fast, effective transport across your premises is critical to productivity. Our powered pallet trucks make light work of this... and offer you a choice of solutions that will suit the scale of your operation perfectly.

In addition to our versatile pedestrian and platform models, we have stand-on and sit-on machines designed for loading and unloading over long distances and through extended shifts. There is even a double pallet handler that will carry your loads two deep.

feature focus

Mitsubishi gives you more

One reason why Mitsubishi products give such great value for money is that every model enjoys a high specification. Features that other manufacturers might present to you as optional extras – for which you will have to pay more – are included as standard on Mitsubishi trucks. Here are just a couple of examples to illustrate the high level of equipment you will find throughout the Mitsubishi warehouse range.



AC Power

Specification of AC (alternating current) motors rather than their more 'traditional' DC (direct current) counterparts brings you a number of benefits, including: more power; smooth, quiet, controlled performance; extended shift length; and lower maintenance requirements. These gains are mainly due to the elimination of carbon brushes, which means less energy loss, better control of the motor's power and fewer components to replace.



Easy battery care

Mitsubishi selects highly efficient batteries for all of its products and makes sure that their maintenance is quick and easy. Service access is always convenient, and features such as battery rollers allow rapid exchanges. A battery discharge indicator (BDI), fitted to all Mitsubishi trucks, informs the operator of the level of charge. When discharge reaches 80%, travel speed is automatically reduced and, in models with masts, lifting functions are interrupted to prevent damage to the battery.

...we can handle it

an unrivalled reputation for reliability

If you ask Mitsubishi customers what they like best about the brand, the word that comes up time and time again is 'reliability'. Whether they are talking about their Mitsubishi counterbalance trucks or their Mitsubishi warehouse equipment, the answer is the same.

This comes as no surprise to us, as we deliberately build reliability and serviceability into every facet of every

model we make. We use high-quality components, for greater durability. We design systems that minimise wear and reduce service costs. And then we back our trucks up with amazing warranties, rapid parts supply and expert maintenance – all delivered through a network of friendly local dealers who have been hand-picked for their facilities, knowledge and commitment to customer service.



PBPM series pedestrian powered pallet trucks

1.3 – 2.0 ton



Power, flexibility and control... at your fingertips



This series starts with the PBP13M, which is ideal for anyone upgrading from a hand pallet truck. It is light enough to use on mezzanine floors, while its high stability allows it to operate on uneven surfaces in stores, warehouses and loading docks. The standard specification includes two maintenance-free gel/AGM batteries and an inbuilt charger. For heavier duties, the series offers three larger models. These versatile trucks will make light work of transporting loads over shuttle distances up to 20 metres, as well as loading and unloading lorries.

The PBP16M is a compact machine, ideal for use in confined situations such as small retail operations and stores. Like the PBP13M, it is small enough to be transported on a lorry for use at a load's destination. Its extra power accommodates heavier loads and longer shifts. The PBP20M has been developed for more intensive use and has a greater lift capacity. It can be deployed in larger retail operations but its dimensions are still suitable for use in small stores. The foldable platform of the PBP20MR enables the operator to ride on the truck for occasional longer travel distances. In all four models the state-of-the-art, simple-to-use tiller arm design protects hands and places everything within easy reach for safe, comfortable, controlled operation.



PBP20MR



PBP20MR



 0.2m <small>maximum lift height</small>	 20m <small>typical travel distance</small>	 2.0t <small>maximum capacity</small>	 6km/h <small>maximum travel speed</small>
---	--	--	---

options

- Choice of drive and load wheels for different applications
- Inbuilt charger
- Battery charger set for installation in a lorry
- Wide variety of fork dimensions
- Cold store modification (class III, -35°C)
- Moisture resistance modification
- Battery changing device
- Load backrest
- Pallet entry and exit rollers

capacities

PBP13M	PBP16M	PBP20M	PBP20MR
 1.3 t	 1.6 t	 2.0 t	 2.0 t

- **AC (alternating current) motor** means lower maintenance requirements, lower energy consumption and greater power – as well as excellent traction and ramp performance.
- **Programmable electronic controller** allows truck to be tailored to each application for optimum performance.
- **Regenerative braking** reduces energy loss – maximising output from each shift.
- **State-of-the-art tiller arm** offers the ultimate in ergonomic design, comfort and safety.
- **Tapered fork tips and robust, welded fork construction** for smooth pallet entry and long life.
- **Compact dimensions, short powerhead and excellent fork tip visibility** give operator total and effortless control.



PBP13M

PBP16/20M

PBVN series
platform powered pallet trucks
(& double pallet handler)

2.0 – 2.5 ton



PBV20N/25NH

Stepping up productivity... however demanding the job



These compact but sturdy platform power pallet trucks deliver high productivity within a wide range of complex and demanding applications.

Thanks to the AC technology of their drive motors, maintenance requirements are minimal while power, control, comfort and energy efficiency are high. The state-of-the-art, simple-to-use tiller arm design protects hands and places everything within easy reach for safe, comfortable, controlled operation.

Both standard (PBV20N) and heavy duty (PBV25NH) models are available to meet different needs. The PBV25NH is designed to withstand non-stop, intensive use, over longer distances, with the heaviest loads. It will reach a top speed of 8 km/h. The standard PBV20N is ideal for pallet transfer work - involving distances over 50 m - in logistics terminals, industrial warehouses and other business premises, as well as loading and unloading vehicles. There is also an ingenious double pallet model (PBV20ND) which can handle two pallets at once. Ideal for loading and unloading double-deck stacked pallets, it will also transport loads at speeds up to 12 km/h.



PBV20N

PBV25NH

0.2m	50m	2.5t	9km/h
maximum lift height	typical travel distance	maximum capacity	maximum travel speed

options

- Electric steering
- PIN-code device instead of key switch
- Higher travel speed PBV20-25N(H) – 12 km/h with loads up to 600 kg
- Cold storage modification (class III, -35°C)
- Fixed platform with backrest or fixed side rests.
- Rollers for easy pallet entry
- Wide variety of fork dimensions

capacities

PBV20N	PBV25NH	PBV20ND
		
2.0 t	2.5 t	2.0 t

- **AC drive motor** means high power for excellent traction and ramp performance, as well as smooth, quiet, controlled operation, extended shiftnlength and lower maintenance requirements.
- **Floating drive unit** reduces vibration, for greater operator comfort and lower maintenance requirements.
- **Programmable controller** adjusts acceleration, travel speed and braking to suit the application and driver – for great versatility.
- **High-capacity batteries** – 270-375 Ah for PBV20N and 375-500 Ah for PBV25NH – extend shifts.

PBVN series
platform powered pallet trucks
(& double pallet handler)

2.0 – 2.5 ton



PBV20ND



Stepping up productivity... however demanding the job



- **Lateral battery change** speeds up changeovers.

- **Small turning circle** – together with compact chassis and excellent visibility – means exceptional manoeuvrability.

- **Compact duplex mast** offers two lift heights (1600 and 2000 mm), with maximum load capacity 2000 kg (or 1000 kg on each pair of forks), and gives optimal forward visibility. (PBV20ND only)



- **Large, suspended platform** stays down for easier access and – together with highpositioned, cushioned sidebars – provides a safe, ergonomic standing position.

- **Reinforced forks** - on PBV25NH - gives extra strength to cope with intense work and heavy loads.

- **High-visibility design** maximises view of fork tips and working area.



- **Load sensing system** optimises drive wheel pressure on floor as load increases, to deliver outstanding traction and ramp performance.

- **State-of-the-art tiller arm** offers the ultimate in ergonomic design, comfort and safety.

- **Robust construction** offers exceptional durability in all working conditions.

- **High-capacity ventilation equipment** – on PBV25NH – allows non-stop use without overheating the drive unit and electrical systems, even in environments with high temperatures.

- **Dust-shielded load wheels** require less maintenance and replacement of components.

- **Regenerative braking** means effective control and reduced brake wear.

- **Long service interval** reduces downtime and maintenance bills.

- **Clear display** alerts operators and service engineers to potential problems - helping to avoid damage and encourage maintenance.

- **Rapid access features** give quick and easy entry to all areas for checks and maintenance.



PBV20ND

PBRN series
stand-on powered pallet trucks

2.0 ton



Long distances, small spaces... no problem



For long distance (over 50 metres) transport and transfer of goods, as well as loading and unloading, you should give your operator the comfort, security and ergonomic benefits of a stand-on or sit-on powered pallet truck.

With powerful acceleration, fast travel and optimum operator efficiency, you will soon see a major increase in throughput.

- **AC drive motor** means high power for excellent traction and ramp performance, as well as smooth, quiet, controlled operation, extended shift length and lower maintenance requirements.
- **Ergonomic console, limitless 360-degree electronic steering and narrow chassis** allow precise manoeuvring.
- **Comfortable operator compartment** with suspended floor reduces fatigue.

0.2m

maximum lift height

100m

typical travel distance

2.0t

maximum capacity

12km/h

maximum travel speed

options

- Choice of drive wheels for different applications
- Inbuilt charger
- Pallet entry and exit rollers
- Wide variety of fork dimensions
- Cold store modification (class III, -35°C)
- Adjustable armrest
- Reversed steering

capacities

PBR20N

2.0 t

- **Rounded fork tips** ensure smooth pallet handling.
- **Informative display and built-in diagnostics** encourage efficient use and maintenance.
- **Easy service access** – including tilting panel, gas spring and rollers for battery maintenance and exchange – minimises downtime.



PBSN series
sit-on powered pallet trucks

2.0 ton



Fast, efficient pallet transport... delivered in comfort



For efficient transport of goods over longer distances, look no further than the strong, fast, controllable PBS20N sit-on powered pallet truck. With effortless, precise steering, ergonomic controls and a comfortably seated operator, the PBSN promises constant productivity through the longest of shifts.

A low-maintenance AC drive motor, long service interval and rapid access to all components reduces costs and maximises uptime. Meanwhile, the robust chassis protects both operator and truck from accidental damage.

- **Robust chassis** offers exceptional durability and driver protection.
- **Powerful AC motor** means high drive speed and acceleration – even when loaded – plus smooth, quiet, controlled operation, extended shift length and lower maintenance requirements.
- **Large battery compartment** accommodates high-capacity batteries (up to 500 Ah).
- **360-degree electronic 'fly-by-wire' steering** offers precise turning with minimal effort, even at high speeds.

0.2m

maximum lift height

◀ 100m ▶

typical travel distance

2.0t

maximum capacity

12km/h

maximum travel speed

options

- Wide variety of fork dimensions
- Customer name/logo/artwork on side panels
- Pallet entry and exit rollers
- Cold store modification (class III, -35°C)
- Increased capacity – to 2.5 ton
- Overhead guard
- List bracket or PC support
- Key switch instead of start/stop button

capacities

PBS20N

2.0 t

- **Full-suspension, fully adjustable seat** with optional hip restraints and belt keeps driver safe and comfortable through the longest of shifts.
- **Load weight indicator** is specified as standard to avoid exceeding safe capacity.
- **PIN code start-up** with driver-specific settings is included as standard to prevent unauthorised or inappropriate use.
- **Programmable controller** adjusts acceleration, travel speed and braking to suit the application and operator – for great versatility.



A comprehensive range...

Whether you are looking for counterbalance trucks, warehouse equipment or a mixture of both, the comprehensive Mitsubishi range has everything you need.

The performance, quality and reliability of Mitsubishi counterbalance trucks is unbeatable... and so is the choice of models and configurations. Capacities from 1.0 to 16.0 ton... diesel, LP gas and electric power sources... different chassis sizes... pneumatic, cushion and other tyres... a range of masts... and many more specialised options. Whatever your application, your local Mitsubishi dealer will find the truck that's ideal for you.

The exceptional qualities and high standards that have made Mitsubishi counterbalance trucks the world's favourites are found equally in our complete range of warehouse products. Outstanding performance... genuine value for money... innovative design... inbuilt safety... and total reliability. Unless a product delivers all of these, it simply cannot be a Mitsubishi forklift truck.

From pallet trucks, stackers and order pickers to reach, multi-way and turret trucks, our advanced features and remarkable variety of models and options ensure that your local dealer can supply you with the perfect solution to every imaginable handling and storage situation.

Diesel Counterbalance Trucks



Ranging from our flagship 10 to 3.5 ton models, through our ever popular 4.0 to 5.0 ton trucks, to 'gentle giants' with capacities of 6.0 to 7.0 or 8.0 to 16.0 ton, our diesel counterbalance engineering blends power and durability with operating economy, ergonomics and environmental friendliness.

LP Gas Counterbalance Trucks



The sophisticated engine technology of our LPG counterbalance trucks, together with advanced design in every other component and system, delivers high efficiency and low emissions. You can choose capacities from 1.0 to 3.5 ton or 4.0 to 5.0 ton with pneumatic tyres, while cushion tyre trucks are available at 1.5 to 3.3 ton and 3.5 to 7.0 ton.

Electric 3 Wheel Counterbalance Trucks



Innovative design and advanced electronic technology make our electric counterbalance trucks unbeatable for performance, user-friendliness and sheer flexibility. Our 1.3 to 2.0 ton 3 wheel models are popular choices for use in the tightest of spaces, thanks to their exceptional manoeuvrability.

Electric 4 Wheel Counterbalance Trucks



Whether you choose 3 wheels or 4 wheels, the same advanced engineering applies. We have 4 wheel pneumatic tyre electric counterbalance trucks at capacities of 1.0 to 2.8 ton and 3.0 ton, as well as cushion tyre models at capacities from 1.5 to 5.5 ton.

...with Mitsubishi quality



Powered Pallet Trucks



Our powered pallet truck family ranges from versatile pedestrian and platform models to stand-on and sit-on machines designed for long distances and extended shifts. It also includes a double pallet handler that will carry your loads two deep.



Stackers



Within our stacker family you will find capacities up to 2.0 ton and maximum lift heights up to 6.3 metres. A choice of pedestrian, platform, stand-on and sit-on versions is available to meet your particular needs.



Reach, Multi-way and Turret Trucks



Our family of reach, multi-way and turret trucks offers a number of specialised handling solutions: reach trucks lifting as high as 11.5 metres; multi-way trucks, ideal for handling long loads in narrow spaces, with a maximum lift of 9.0 metres; and turret trucks, lifting to 9.0 metres and able to operate in aisles as narrow as 1700 mm.



Order Pickers



The trucks in our order picker family include a variety of low level order pickers, with a choice of tiller arm or steering wheel control, as well high level order pickers that can work at an amazing 11.5 metres.



ready to
perform
to your **application.**

Developed for outstanding performance and genuine value for money, the awardwinning* range of Mitsubishi forklift trucks and warehouse equipment is built to a higher specification to maximize productivity and ensure utter reliability... whatever the application.

It's what you'd expect from one of the world's largest corporations whose companies are at the leading edge of technologies where performance, quality and dependability can never be compromised.

It means that, from a single safe source, we can meet 98% of all handling requirements, supplied to you via a range of competitive finance options including outright purchase, rental or leasing.

So your local dealer can advise you on precisely the right product for your application... and your budget.

Moreover, because we understand how much you depend on your Mitsubishi forklift truck, we deliver the highest levels of customer support.

You can find your nearest dealer at
www.mitforklift.com.sg

** Mitsubishi Forklift Trucks has won **four** separate Fork Lift Truck Association Annual Awards for Excellence covering the areas of **Ergonomics**, the **Environment** and **Innovation**.*



enquiry@mitforklift.com.sg
www.mitforklift.com.sg

Copyright © 2008 by MCFS, All Rights Reserved. All registered trademarks are the property of their respective owners. Printed in Singapore.