

NICHIYU



**ELECTRIC LIFT TRUCK
COUNTER BALANCED
THREE-WHEELER**

FBT9-20





An Appealing Design with Well-Rounded Features

Nichiyu Three-wheeler

Featuring exceptional comfort and advanced functions, this new design encompasses all the elements necessary to maximize overall safety, durability, and the versatility to handle any work environment.

SICOS AC

Choose from 10 varied models to accommodate a wide range of applications.



The standard series ensures easy turning and maneuvering in narrow aisles of warehouses.

0.9t	1.0t	1.3t	1.5t	1.6t	1.8t	2.0t
FBT9P	FBT10P	FBT13P	FBT15P	FBT16P	FBT18P	FBT20PN

The PB Series accommodates a super-high-capacity 730 Ah battery for longer running times.

1.6t	1.8t	2.0t
FBT16PB	FBT18PB	FBT20PBN



Featuring the SICOS-AC Multifunctional Centralized Control System

An AC motor powers the traveling and hydraulic operations. This control system ensures comprehensive and centralized AC control for smooth and powerful operation.

Excellent Space-Saving Design with 1510-mm Turning Radius

With a minimum turning radius of only 1510 mm (Model FBT15P), the Nichiyu Three-wheeler is ideal for material handling in limited space. The double rear wheels add extra stability in turns.

Lighter Weight Body

The reduced body weight contributes to improved handling while maintaining good stability. In addition, it is more eco-friendly thanks to its reduced energy consumption.



Comfort

Comfortable operation contributes to increased efficiency.



Standard advanced features



Electric Power Steering
The power steering motor is centrally controlled by the SICOS-AC system. This simple and economical approach reduces power consumption by two-thirds compared with conventional hydraulic power steering.



Fork Soft Landing Feature
A soft-landing mechanism has been adopted to slow the speed of the forks as they descend to the floor. This feature significantly reduces both shock and impact noise (when unladen).



Multifunction Display
The display reveals the battery state, vehicle speed, and other aspects of vehicle status at a glance. An innovative load indicator is also provided as standard equipment.



Seat Suspension
The comfortable and secure seat suspension contributes to stable operation. In addition, it is equipped with an emergency locking retractor mechanism for the seat belt to enhance operator safety.



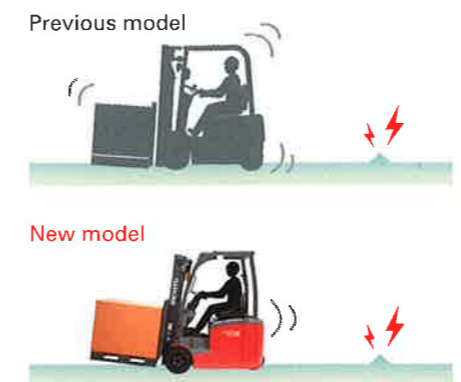
Spacious Legroom
Legroom has been increased by 55 mm compared with previous models (some models excluded). A floor mat is also provided as standard for increased operator comfort.



Combination Tail Lamps
The large, highly visible tail lamps clearly indicate braking and turning as well as reverse operation.

Pitching Reduction System

We've incorporated a Pitching Reduction System to relieve the operator of uncomfortable lurching motion during travel.



Improved Forward Visibility

The display panel has been moved to the right to increase operator visibility of the fork tips. This innovation helps to make driving even more stress-free.



Easier Boarding

We've included a new wide and low step as well as a larger handgrip for use when boarding.



Increased Mast Backward Tilt Angle (P Mast only)

We've increased the maximum tilt angle to 7.5 degrees, an increase of a full 1.5 degrees over the previous model. This feature contributes to improved cargo security during travel.



Increased Head Clearance

The new head guard is designed for increased head clearance.



Integral Sideshifter (optional)

An integral sideshifter is available as an option. This innovation contributes to higher operation efficiency without reducing load capacity.



Grip Assist with Integrated Horn

A new right rear handgrip is provided to ensure greater operator stability during rearward travel. The integrated yellow horn button allows for easier alerting of nearby personnel during rearward operations.





Still think you need an engine? Think again!

**A dependable truck that can be operated indoors or outdoors,
in almost any weather**

IPX4 Enclosure Rating Level

The IPX4 enclosure rating indicates a splash-proof design that allows for safe work out of doors, even in the rain. This model is resistant to the detrimental effects of water spray from any direction.



When the battery cover is opened, any falling water is safely caught in a drainage tray.



The controller is securely housed in the left side of the frame.



Lever boots



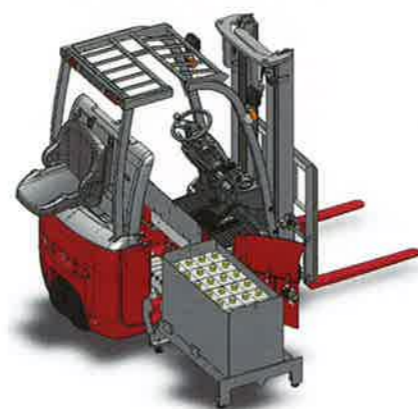
Waterproof floor mat

Wet Disc Brakes

Unaffected by dust and moisture, the wet disc brakes provide powerful braking force.



Optional Specifications



- Battery side loading specification
- Cold storage specification
- Rust resistant specification

The PB Series: Designed for long hours operation.

The super-high-capacity 730 Ah battery and long wheelbase contribute to lengthy operating time and highly stable traveling.



Safety

Advanced technologies ensure greater operational safety and security.

Parking Brake Alert

An audible and visual alarm alerts an operator who leaves the vehicle without setting the parking brake. This alarm can be triggered even when the key is turned off.



Operation Interlock System

The operation interlock system (OIS) ensures that all traveling, hydraulic, and tilt operations are automatically locked out about two seconds after the operator leaves the driver's seat.



Emergency Stop Button

This emergency shutoff switch is provided as a red emergency button located on the instrument panel.



Safety Cruise

Even if the accelerator or brake is released on an upslope, the truck will not roll backward. When descending, it maintains the initial safe speed.



Optional Accessories

Contributing to a more efficient work environment



• Headguard roof



• Front window



• Laser pointer



• LED headlamp

- Rearview mirror
- Room mirror
- Chime
- Worklight
- Backup lamp
- Revolving light

