

# Walkie Low Lift Trucks

Models:  
PLD16/20/30  
KLD16/20/30

# NICHYU

**NICHYU**  
**NIPPON YUSOKI CO.,LTD.**

1-1, 2-chome, Higashikotari, Nagaokakyo-shi, Kyoto 617-8585 Japan.  
Phone:075-956-8622 Fax:075-955-0480 E-mail:overseas@nichiyunet.co.jp

All specifications are confirmed based on manufacturer's terms and conditions.  
All specifications are subject to change without notice due to further improvement or modifications.

CAT No.OSD042-2  
Printed in Japan.  
Printed on 100% recycled paper.  
2000/0404/(S)

## N50 Series

# Walkie Low Lift Trucks

## Small & light, smooth & powerful, strong & stylish — Introducing Nichiyu's new Walkie Truck series

Material handling in today's warehouses is becoming increasingly diverse and complex. In response to this trend, Nichiyu is introducing the completely new Walkie Truck series. It's the ideal low lift truck for customers whose needs include operation at higher frequency, more multiple-product packages, and frequent loading and unloading in cramped spaces.

During loading operations, these units offer easy steering with a light touch, smooth starts and acceleration, construction rigid enough to withstand rigorous use, and a smooth rounded style that is as attractive as it is functional.

We are offering this model in a carefully thought-out product line in order to accommodate customer needs for diverse material handling with multiple products.

Nichiyu's completely new Walkie Truck series are go-anywhere vehicles that are easy to operate by men and women of any age.



### Pedestrian Pallet/Platform Low Lift Truck Series

PLD16/20/30, KLD16/20/30

These comprehensive lift trucks easily handle heavy loads. At the same time, they are light and boast a small turning radius, making them ideal for use in warehouses with cramped spaces or floor weight restrictions.

### Pedestrian-type Pallet Platform Low Lift Truck with Folding Step & Guard

PLD16S/20S/30S,  
KLD16S/20S/30S

Nichiyu introduces the new concept of the folding rider's step. These lift trucks combine a small turning radius, a feature of the pedestrian type, with the outstanding speed and reliable loading operation that are the prime features of the rider type.

Guard is equipped as standard for folding step type.

## Operability and Workability

### Featuring a steering wheel designed for easy maneuvering



The handle grip, acceleration lever, and lift operating switches are positioned at the ideal height for ease of operation, allowing the operator to operate these controls easily with one hand. What's more, the handle grip is very steady in the hand thanks to the fixed-type grip that helps the operator maintain a stable driving posture.

### Small turning radius and lightweight body

The PLD16 lift truck boasts a minimum turning radius of only 1,543 mm thanks to its top-mount tiller arm and reduced length, a full 65 mm shorter than conventional lift trucks.

Moreover, the new design of the lightweight body causes less wear on floor surfaces and contributes to increased safety when the truck is operated on floors above ground level. Also, it can be used almost anywhere, even in cramped places on second and third floors.

### Smooth start and acceleration

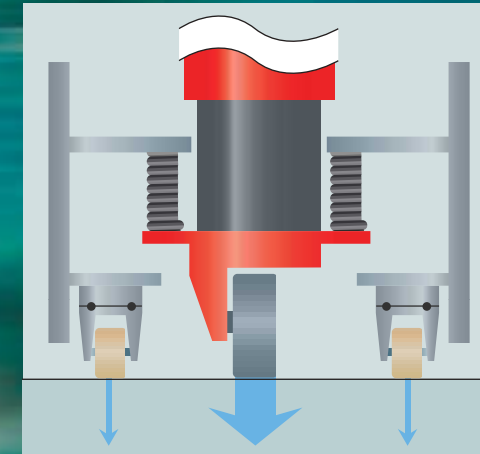
This model incorporates high-efficiency controls, a highly reliable FET chopper and SEPEX Motor for driving system. In addition, it features smooth start to prevent toppling loads and provides smooth yet powerful acceleration. As well, it is designed to conserve energy. The driving speed and lifting speed have also been greatly increased thanks to the powerful output of the hydraulic motor and the traction motor.



## Stability and Durability

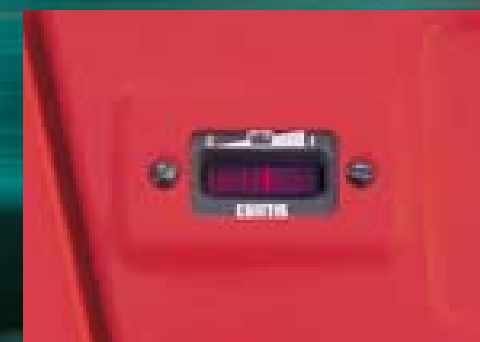
### New floating drive construction

The new floating drive construction supports the drive unit on springs. This innovation gives the steering wheel a uniformly light feel, regardless of the weight of the load. It also contributes to smooth steering with light power under load. Moreover, the two caster wheels on the right and left sides contribute to superb right-left stability.

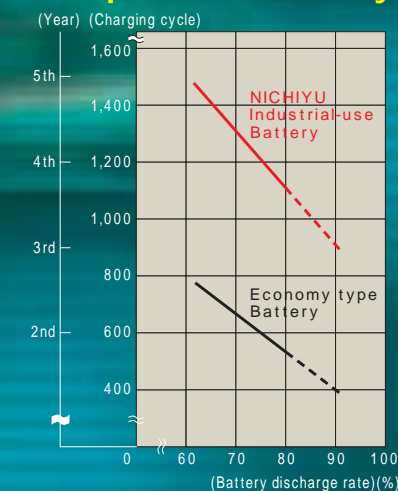


### Equipped with a durable and long-lasting industrial-use battery for electric vehicles

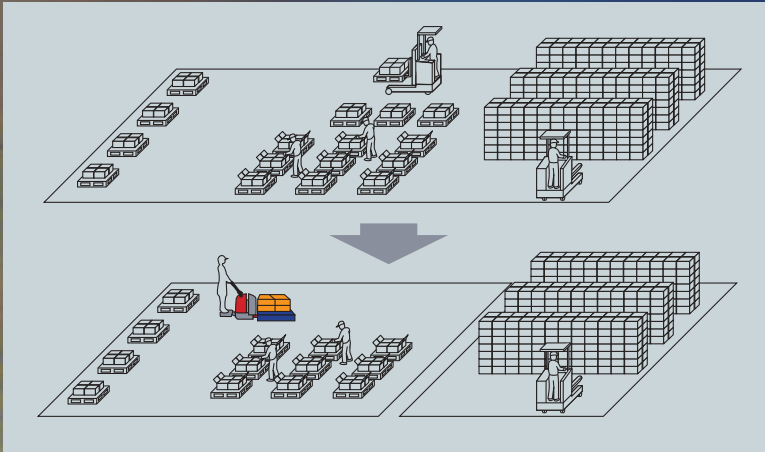
This model features an industrial-use traction battery for electric vehicles that offers durability and long hours of operation. Compared to our competitors' cycle service batteries — which have a general cycle service battery life of about two years at 75% discharge and which are often used in Walkie lift trucks — our industrial-use traction battery offers double the service life. This provides a margin of many hours of operation. Moreover, its standard equipment includes a battery discharge indicator that shows the remaining battery power at a glance.



### Comparison of battery

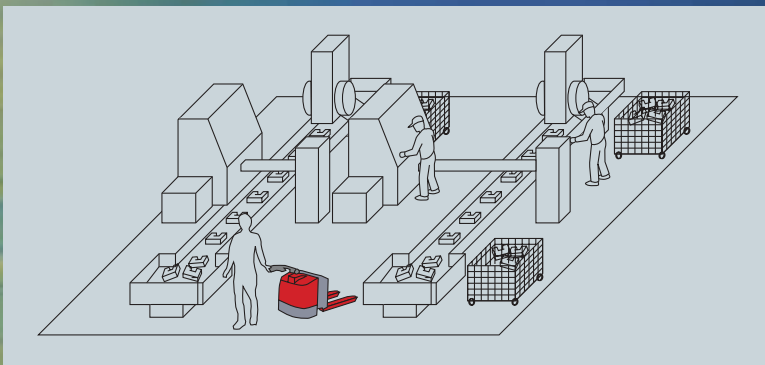


# For Efficient Material Handling



## Rationalized operation through role sharing with forklift trucks

Operating efficiency can be dramatically increased by using a low lift truck for quick loading work and a Walkie lift truck for numerous picking tasks, at the same time ensuring that no space is wasted.



## Efficient material movement in a small space

The Walkie lift truck shows its advantages with efficient distribution in small spaces where forklifts cannot operate.



Pedestrian Type

Sub Step Type

### A varied product line that satisfies a range of customer needs

#### < PLD >

Fork length  
1.6 t 762 mm–1,525 mm (7 types)  
2.0 t/3.0 t 915 mm–1,525 mm (6 types)

Fork outer width  
1.6 t 510 mm–685 mm (4 types)  
2.0 t/3.0 t 510 mm–685 mm (4 types)

Fork inner width  
1.6 t 160 mm–335 mm (4 types)  
2.0 t 160 mm–335 mm (4 types)  
3.0 t 150 mm–325 mm (4 types)

#### < KLD >

Platform length  
1.6 t 762 mm–1,525 mm (7 types)  
2.0 t/3.0 t 915 mm–1,525 mm (6 types)

Platform width  
1.6 t 510 mm–685 mm (4 types)  
2.0 t/3.0 t 510 mm–685 mm (4 types)

### Cold storage applications

Combining a water resistant and rust resistant design with protections for low temperatures, this model excels when operated in freezers. It can handle temperatures as low as -35°C.