

CPD40-50 A

Four-wheel Electric Forklift



Distinguishing Mark	CPD40-AC4	CPD40-A24	CPD45-AC4	CPD45-A24	CPD50-AC4	CPD50-A24
Rated Capacity	4.0T	4.5T	4.5T	4.5T	4.80T	4.90T
Operator Type	sorted	sorted	sorted	sorted	sorted	sorted
Height, mast lowered	2185mm	2185mm	2185mm	2185mm	2185mm	2185mm
Wheelbase	1370mm	1370mm	1370mm	1370mm	1370mm	1370mm
Travel Speed, Load/unload	14/14 km/h	14/14 km/h	13.5/14 km/h	13.5/14 km/h	13/13.5 km/h	13/13.5 km/h
Turning Radius	2640mm	2640mm	2640mm	2640mm	2675mm	2675mm
Service weight(include battery)	6700kg	6700kg	6950kg	6950kg	7200kg	7200kg
Type of Drive Unit	AC	AC	AC	AC	AC	AC
Battery Voltage/Nominal Capacity	80/700	85/700	90/700	90/700	85/700	85/700

What do you want?

Reliability

Efficiency

Durability

Safety

REDDOT provide professional solution

Famous brand controllers, contactors, battery plug, emergency switch and dashboard are applied so as to ensure the reliability of the performance and easy operation.

Flexible steering system, with smaller turning radius, allows turnaround within confined passageway.



The internationally advanced parallel arrangement is adopted for traction motor, and the machine is characterized by sliding type designed battery layout, resulting in lower gravity center and better stability of entire truck.

High Performance

- / Electromagnetic brake is used as service brake, instead of traditional hand brake, which realizes intelligent parking brake, with lower labor intensity of the operator, and higher safety.
- / Soft landing system lowers descending speed automatically when fork reaches the height range of 100-60mm from the ground, so as to reduce vibration of the entire truck, and provide effective protection for goods.
- / Full AC configuration includes AC traction motor + AC pump motor; With higher performance of entire truck, and longer battery life.
- / Efficient driving control system of high-frequency MOSFET integrated controller guarantees smooth and accurate control on driving and lifting, superior speed regulation performance, with regenerative braking, reverse braking, anti-slipping on slope and other functions, resulting in more efficient, safer, and more comfortable operations.
- / The application of load sensing hydraulic power steering technology realizes reliable, sensitive, and easy steering; distribution of optimized oil in steering oil circuit and working oil circuit increases efficiency of hydraulic system.
- / LED lights for entire truck reduce energy consumption.

Appearance

- / It follows the entire profile of appearance of A series, with clear lines on side of the truck, and smooth transition to counter weight. These lines are shaped as an integral whole, with powerful visual tension.

Maintenance

- / Fully-openable cover enables easy maintenance of battery.
- / Easy-to-open airtight cover plate realizes easier debugging and maintenance of electric control system, and avoids the system from invasion of rain and dust.
- / The brushless, maintenance-free AC drive motor reduces operation cost significantly.
- / The option of side roll out battery is very convenient for fast, efficient, and safe replacement of battery, and is suitable for continuous work conditions.

Reliability & Safety

- / Major electrical components such as motor controller, contactor, power plug, and emergency power off switch are all of foreign famous brands.
- / Major load bearing parts such as carriage, drive axle, steering axle, and mast are all designed with high strength to satisfy high-strength work conditions.
- / As a standard configuration, the emergency power off switch complies with European safety standards.
- / Dual overload protection systems of electronic and hydraulic modes are adopted.

Stability

- / The internationally advanced parallel arrangement is adopted for traction motor, and the battery is sunken to chassis, resulting in lower gravity center and better stability of entire truck.
- / Flexible steering system, with smaller turning radius, allows stable turnaround within confined passageway.

Application



Factory



Warehouse



Indoor work

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CARGO HANDLING

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