



FORKLIFT & MATERIAL HANDLING

PRODUCT CATALOGUE

ELECTRIC FORKLIFTS

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Catalogue basis. The model data and product appearance are reconstructed from the supplied 17-page source catalogue. Product photographs have been separated from the original page compositions and placed with generous white clearance so the front forks and complete truck remain visible. Descriptive language has been professionally rewritten in English for an international material-handling catalogue.



ELECTRIC FORKLIFT - 0.5 T THREE-POINT

Model CPD-5 | World Prime Services Material Handling Series



Complete truck view with full fork length visible.

A compact three-point electric forklift designed for light-duty pallet handling and operation in restricted aisles. The narrow body and rear steering arrangement support manoeuvrability in warehouses, workshops and small production areas.

COMPACT CHASSIS: Three-point architecture and a narrow body make the truck suitable for confined operating areas.

ELECTRIC POWER: Battery-electric travel and lifting provide low local emissions and quiet indoor operation.

ADJUSTABLE FORKS: Fork spacing is adjustable within the range shown in the technical specification.

APPLICATIONS: light pallets, small warehouses, retail stockrooms, workshops and short-distance indoor handling.

PARAMETER	UNIT	SPECIFICATION
Model	-	0.5 ton three pivot points
Overall size (without forks)	mm	1550 x 800 x 1670
Raise height	mm	2000 (customisable)
Body weight	kg	800
Fork length	mm	920
Rated load	kg	500
Battery	V	48 / 38 optional, Chaowei
Fork width	m	0.20-0.70 adjustable
Travel motor	W	1500
Lift motor	W	2000



ELECTRIC FORKLIFT - 1.0 T

Model CPD-10 | World Prime Services Material Handling Series



Complete truck view with full fork length visible.

Compact four-wheel electric counterbalanced forklift for routine indoor pallet movement, with solid tyres and a straightforward control layout.

BATTERY SYSTEM: Lead-acid maintenance-free battery configuration as specified in the source catalogue.

MAST AND FORKS: Standard fork options are shown for common pallet sizes, with alternative fork lengths available by configuration.

APPLICATIONS: warehouses, production lines, loading areas and general pallet transport on smooth floors.

PARAMETER	UNIT	SPECIFICATION
Rated load	kg	1000
Load centre distance	mm	500
Minimum ground clearance	mm	100
Standard maximum lifting height	mm	3000
Vehicle size L/W	mm	2100 x 1120
Minimum turning radius	mm	2200
Tyre type (drive/steering)	-	Solid rubber tyres
Steering tyre size	-	400-8
Drive tyre size	-	500-8
Drive motor rated power	kW	3
Lifting motor rated power	kW	3
Battery voltage / capacity	V/Ah	60 / 70



ELECTRIC FORKLIFT - 1.5 T

Model CPD-15 | World Prime Services Material Handling Series



Complete truck view with full fork length visible.

A 1.5-ton electric counterbalanced forklift intended for general warehouse and industrial material handling. Its four-wheel layout and conventional mast package provide a practical balance of load capacity, stability and aisle manoeuvrability.

RATED CAPACITY: Nominal 1,500 kg load capacity at the specified 500 mm load centre.

ROBUST STRUCTURE: Solid rubber tyres, thick chain and overhead guard support routine industrial handling.

SERVICE CONFIGURATION: Battery and controller arrangements are presented as specified in the original catalogue.

APPLICATIONS: pallet racking, manufacturing plants, distribution facilities and indoor loading operations.

PARAMETER	UNIT	SPECIFICATION
Rated load	kg	1500
Load centre distance	mm	500
Minimum ground clearance	mm	100
Standard maximum lifting height	mm	3000
Vehicle size L/W	mm	2330 x 1200
Minimum turning radius	mm	2250
Tyre type (drive/steering)	-	Solid rubber tyres
Steering tyre size	-	5.00-8
Drive tyre size	-	6.50-10
Drive motor rated power	kW	3
Lifting motor rated power	kW	3
Battery voltage / capacity	V/Ah	60 / 70



ELECTRIC FORKLIFT - 2.0 T

Model CPD-20 | World Prime Services Material Handling Series



Complete truck view with full fork length visible.

A 2.0-ton electric forklift for higher-volume warehouse handling. The specified dual lead-acid battery arrangement, solid tyres and reinforced mast structure are intended to support dependable pallet movement under regular duty cycles.

POWER PACKAGE: The source catalogue specifies two sets of lead-acid maintenance-free batteries.

LOAD HANDLING: A 3,000 mm lifting height and standard fork package cover common warehouse pallet tasks.

DURABLE RUNNING GEAR: Solid tyres and a special steel mast are presented for stable day-to-day operation.

APPLICATIONS: distribution centres, factory logistics, pallet storage and medium-duty loading operations.

PARAMETER	UNIT	SPECIFICATION
Rated load	kg	2000
Load centre distance	mm	500
Front track / rear track	mm	1020 / 930
Wheelbase / overhang	mm	1585 / 440
Free lifting height	mm	140
Maximum mast height	mm	3960
Lifting height	mm	3000
Total length (including fork)	mm	3620 (1220)
Total length (excluding forks)	mm	2400
Overall width	mm	1210
Minimum turning radius	mm	2310
Battery capacity	V/Ah	60 / 140



ELECTRIC FORKLIFT - 2.5 T

Model CPD-25 | World Prime Services Material Handling Series



Complete truck view with full fork length visible.

A 2.5-ton electric counterbalanced forklift for medium-duty industrial handling. The source catalogue identifies a 60 V battery system, 5 kW travel and lift motors, solid tyres and a 3,000 mm standard lifting height.

CAPACITY CLASS: Nominal 2,500 kg load rating at a 500 mm load centre.

ELECTRIC DRIVE: Specified 5 kW travel and lifting motors support warehouse transport and stacking.

OPERATOR PROTECTION: Overhead guard, warning lights and a counterbalanced chassis are shown in the supplied model configuration.

APPLICATIONS: industrial warehouses, production supply, pallet stacking, loading bays and medium-duty material movement.

PARAMETER	UNIT	SPECIFICATION
Rated load	kg	2500
Load centre distance	mm	500
Minimum ground clearance	mm	100
Standard maximum lifting height	mm	3000
Vehicle size L/W	mm	2550 x 1200
Minimum turning radius	mm	2420
Tyre type (drive/steering)	-	Solid rubber tyres
Steering tyre size	-	5.00-8
Drive tyre size	-	6.50-10
Drive motor rated power	kW	5
Lifting motor rated power	kW	5
Battery voltage / capacity	V/Ah	60 / 140



ELECTRIC FORKLIFT - 3.0 T

Model CPD-30 | Heavy-duty electric counterbalanced forklift



A 3.0-ton electric counterbalanced forklift designed for industrial transport and stacking, with a standard 3,000 mm lifting height and robust solid-tyre configuration.

INDUSTRIAL CONFIGURATION: Steel mast, overhead guard and durable solid tyres.

ELECTRIC DRIVETRAIN: Quiet, low-emission operation for warehouses and production facilities.

TECHNICAL SPECIFICATIONS

PARAMETER	UNIT	SPECIFICATION
Rated load	kg	3000
Load centre distance	mm	500
Minimum ground clearance	mm	100
Standard maximum lifting height	mm	3000
Vehicle size L x W	mm	2550 x 1200
Minimum turning radius	mm	2420
Drive / lift motor rated power	kW	7.5 / 7.5
Battery voltage / capacity	V/Ah	60 / 166



ELECTRIC FORKLIFT - 3.5 T

Model CPD-35 | Heavy-duty electric counterbalanced forklift



A 3.5-ton electric forklift equipped with AC traction, an integrated cast-steel drive axle and twin lifting cylinders for demanding material-handling operations.

AC TRACTION SYSTEM: 10 kW AC travel motor for responsive operation.

HEAVY-DUTY HYDRAULICS: Twin lifting cylinders and standard tilt-cylinder arrangement.

TECHNICAL SPECIFICATIONS

PARAMETER	UNIT	SPECIFICATION
Travel motor	-	Qingzhou 10 kW AC
Hydraulic pump motor	-	Qingzhou 8000 W AC
Battery	-	Chaowei combined battery 300 A
Front / rear tyre	-	23 x 9-10 / 18 x 7-8
Drive axle	-	Cast-steel integrated square-plate bridge
Door-frame material	-	16# national-standard steel
Braking method	-	Oil brake
Controller	-	Hager controller



ELECTRIC FORKLIFT - 4.0 T

Model CPD-40 | Heavy-duty electric counterbalanced forklift



A 4.0-ton electric counterbalanced forklift with a reinforced mast, optional lithium-battery system and operator-focused controls for heavy logistics.

LITHIUM BATTERY OPTION: Optional lithium power and digital instrument panel.

OPERATOR ENVIRONMENT: High-back seat, warning lights and sealed electrical connectors.

TECHNICAL SPECIFICATIONS

PARAMETER	UNIT	SPECIFICATION
Rated load	kg	4000
Load centre distance	mm	500
Minimum ground clearance	mm	105 / 110
Standard maximum lifting height	mm	3000
Vehicle length	mm	2850
Minimum turning radius	mm	2800
Operating speed at full load	km/h	12
Drive motor rated power	kW	AC 18
Battery voltage / capacity	V/Ah	80 / 350



ELECTRIC FORKLIFT - 5.0 T

Model CPD-50 | Heavy-duty electric counterbalanced forklift



A 5.0-ton electric forklift for high-load industrial handling, combining an 80 V lithium system with pneumatic tyres and a reinforced mast assembly.

HEAVY-LOAD CLASS: 5,000 kg rated capacity at a 500 mm load centre.

BATTERY-ELECTRIC OPERATION: 80 V lithium power for demanding industrial duty cycles.

TECHNICAL SPECIFICATIONS

PARAMETER	UNIT	SPECIFICATION
Rated load	kg	5000
Load centre distance	mm	500
Self-weight incl. battery	kg	6300
Tyre type	-	Pneumatic tyre
Maximum lifting height	mm	3000
Vehicle length / width	mm	4420 / 1360
Minimum ground clearance	mm	180
Minimum turning radius	mm	2750
Travel / lift motor	kW	18 / 21
Battery voltage / capacity	V/Ah	80 / 500 lithium



ELECTRIC FORKLIFT - 6.0 T

Model CPD-60 | Heavy-duty electric counterbalanced forklift



A 6.0-ton electric forklift for heavy manufacturing and building-material logistics, featuring an 80 V electrical platform and high-capacity battery configuration.

HIGH-CAPACITY PLATFORM: 6,000 kg rated capacity at a 600 mm load centre.

INDUSTRIAL APPLICATION: Suitable for heavy production, steel, construction and warehouse logistics.

TECHNICAL SPECIFICATIONS

PARAMETER	UNIT	SPECIFICATION
Rated load	kg	6000
Minimum ground clearance	mm	150
Maximum lifting height	mm	3000
Minimum turning radius	mm	2800
Load centre distance	mm	600
Operating speed at full load	km/h	12
Travel / lift motor power	kW	22.5 / 25
Charger input / charging time	V / h	380 / 8-12 or 3-4
Battery voltage / capacity	V/Ah	80 / 700