



 3,862 m²
制造基地



2 条装配产线



公司概况 · 一站式仓储物流设备制造商

ABOUT WORUI — ONE-STOP MATERIAL HANDLING SOLUT

沃锐叉车公司介绍 / Company Introduction

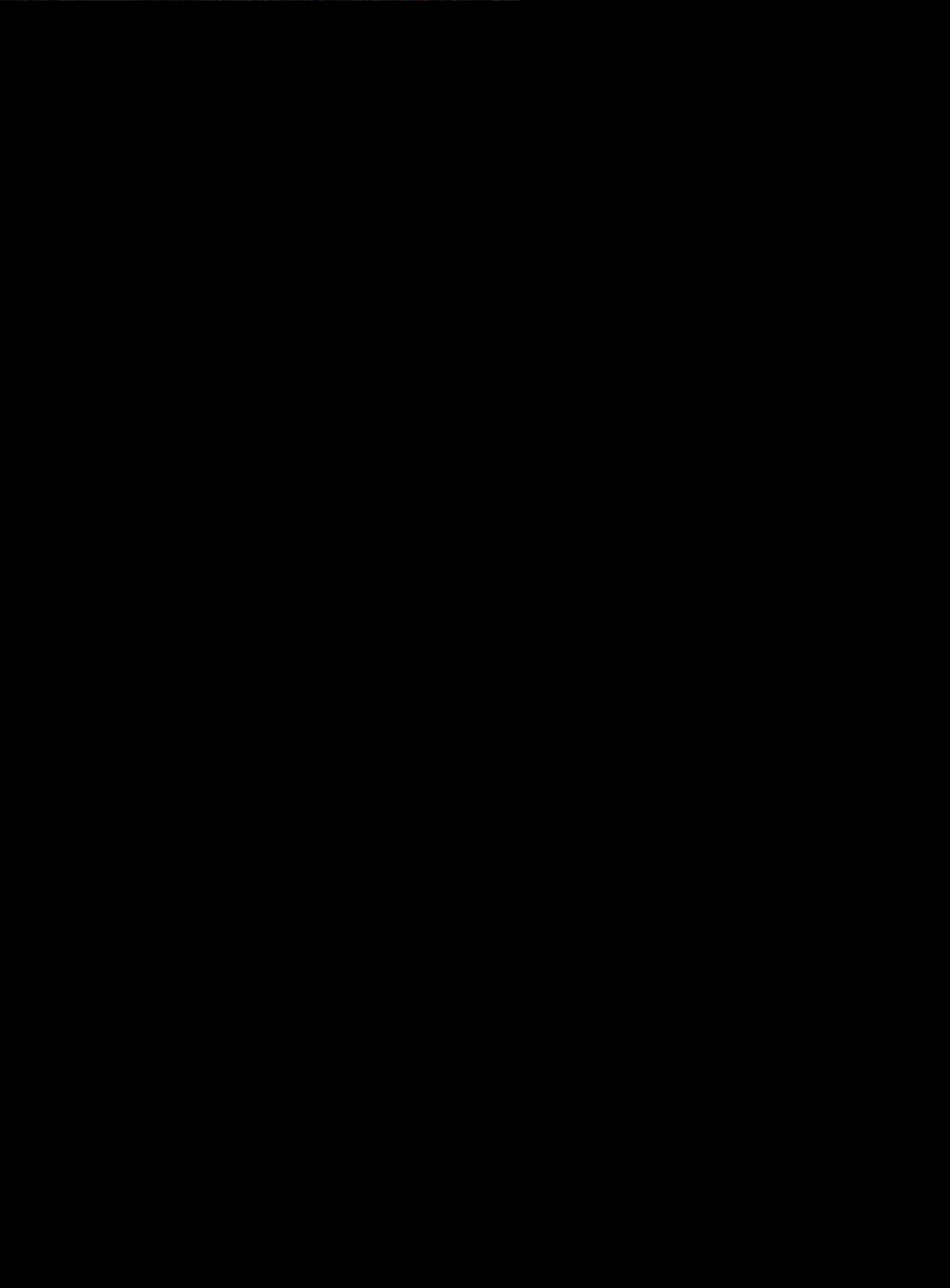
公司简介 / Company Profile

沃锐仓储设备有限公司位于江苏省泰州市高港区，致力于研发生产各类电动堆高车。公司秉持“先进技术，造就匠心品质”的理念，聚焦各类用户需求，提供定制化解决方案，主营半电动堆高车、全电动堆高车、双起升堆高车等高性价比产品，涵盖研发、生产、售后全链条支持，市场覆盖全国。

Worui Storage Equipment Co., Ltd. is located in Gaogang District, Taizhou City, Jiangsu Province. The company is dedicated to the research, development, and production of various electric stackers. Adhering to the philosophy of "Advanced Technology Creates Craftsmanship Quality," the company focuses on user needs and provides customized solutions. Its main products include semi-electric stackers, fully electric stackers, and double-lift stackers, featuring high cost-effectiveness. The company offers full-chain support covering R&D, production, and after-sales service, with its market covering the whole country.

企业资质/优势：公司拥有特种设备许可证、CE认证等各类证书，保障产品与服务质量。

The company holds various certificates such as the Special Equipment Manufacturing License and CE Certification, ensuring product and service quality. In the future, the company will continue to deepen its presence in the stacker field, keep up with industry trends, and build a leading regional brand through technological innovation and quality service, creating more value for customers and contributing to industry development.



核心数据

Key Figures



3,862m²

厂区面积
Plant Area



40+

在岗员工
Employees



16 类

加工设备
Processing Equipment



2 条

装配产线
Assembly Lines

2,000 万

年产值
RMB 20 Million
Annual Output

40%

出口占比
Export Share

01 Electric Pallet Trucks

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How to Use This Catalogue How to Use This Catalogue

- ▶ Each vehicle model occupies two pages, with each model series spanning two pages: the first page features the main image and application details, while the second page includes the structural configuration, technical parameters, outline diagram, and load diagram.
- ▶ The parameter table is organized by complete vehicle, frame, battery, and driving performance and dimensions; it features bilingual (Chinese and English) formatting, with missing items marked as "Supplementary."
- ▶ The outline drawing indicates the overall external dimensions (L / W / H) of the machine and the dimensions of the fork, in order to determine the required aisle width and doorway height.
- ▶ In the load diagram, the horizontal axis represents the lifting height, and the vertical axis represents the allowable load; curves are plotted according to the frame specifications to assess the load-bearing capacity at different lifting heights.

产品中心

PRODUCTS OVERVIEW



CDDA/CDD 电动托盘堆垛车
Electric Pallet Stacker



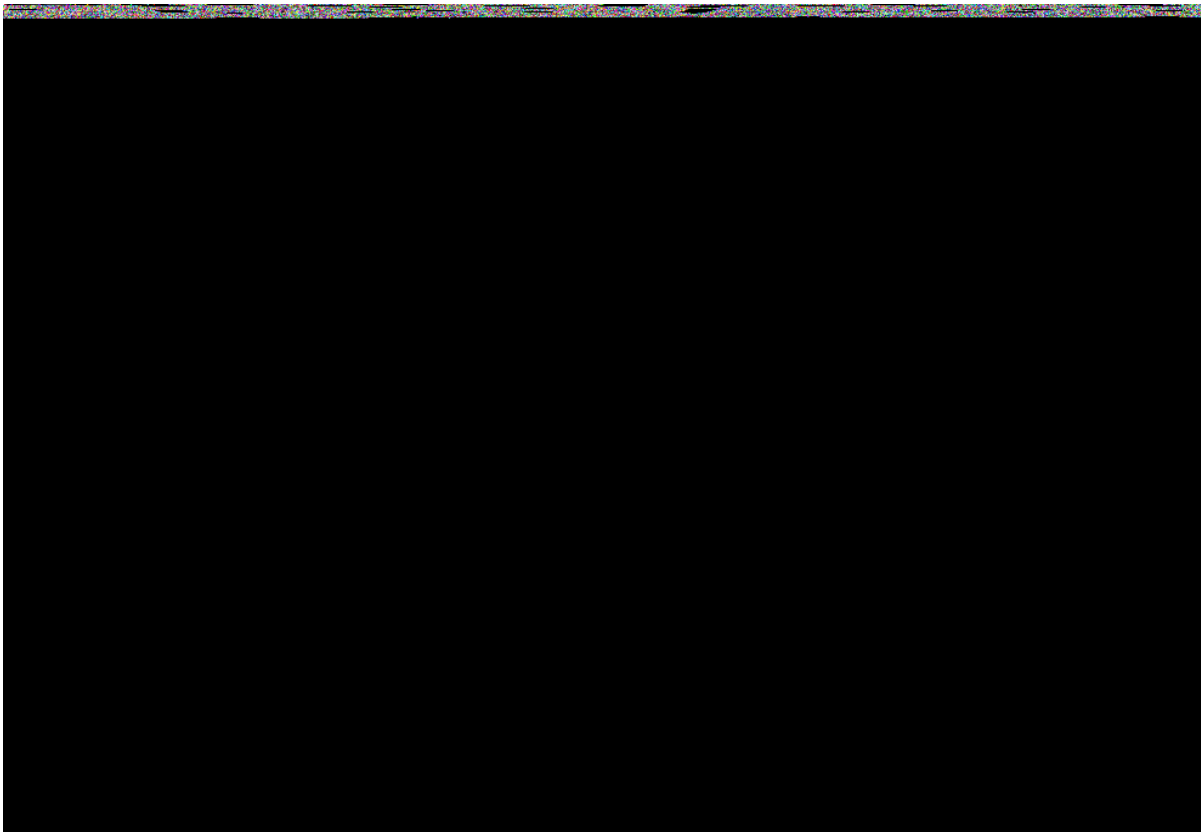
CPD 平衡重式电动叉车
Counterbalanced Electric Forklift



CQD 前移式叉车
Reach Truck



CBD系列 电动搬运车
Electric pallet truck



01 Station-based operation: labor-saving and highly efficient	02 Guide-rail lifting system	03 Floating frame steering	04 AC Drive + CAN Bus	05 CURTIS controller	06 2.2 KW Booster Pump Station
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Features & Details Features & Details

1. Maintenance-free AC drive motor, high-strength gearbox, and CAN-BUS bus technology ensure low operating noise.
2. An American CURTIS drive controller is employed, equipped with multiple automatic protection features.
3. The foldable footrests and protective arms ensure lightweight and flexible steering, making operation effortless.
4. The integrated control handle features a symmetrical design, and the control platform has a clear layout, enhancing operational comfort.
5. 2.2 kW high-power lifting pump station, which automatically reduces speed during heavy-load lowering to ensure smooth pallet placement.
6. High-capacity branded power batteries combined with intelligent protection ensure extended operating time.
7. The vehicle structure has been optimized to ensure structural reliability while facilitating maintenance and servicing.

A station-mounted pallet truck featuring electric propulsion and electric lifting. Equipped with a guide-rail lifting mechanism that ensures smooth fork movement; the floating frame steering design enables easy operation and reduces maintenance time. Ideal for medium-distance pallet handling in workshops, warehouses, supermarkets, and distribution centers, with a rated load capacity of 2,000 kg.

Electric drive and lift, stand-on operation. Rail-guided lifting for smooth fork travel; floating-frame steering for easy handling and service. Rated load 2000 kg for medium-distance pallet transport in workshops, warehouses and distribution centers.

Applications and Operating Conditions / Applications

Ideal for horizontal cargo handling over medium distances, combining walking and stationary operation; it features low energy consumption and long service life. It can be deployed in factory workshops, warehouses, supermarkets, distribution centers, and other similar environments.

Suitable for medium-distance horizontal transport with walkie and stand-on operation. Low energy consumption and long service life. Used in factory workshops, warehouses, supermarkets, distribution and delivery centres.

Pallet Selection

Applicable to: Nine-leg / Chuan-shaped / Single-sided

Not applicable: Double-sided / Grid pattern

Suitable: 9-leg / Cross-shaped / Single-sided · Not suitable: Double-sided / Square-shaped

Compatible pallets: nine-leg / cross-shaped / single-sided pallets

Pallets: 9-leg / Chuan / single-face pallets

2000kg Rated Load	205mm Lift Height (max)	2380mm Aisle Width	1840 / 2260mm Turning Radius	690kg Vehicle Gross Weight / Service Weight
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CBDJ20 Technical Specifications

Station-mounted electric pallet truck

Model	—	CBDJ20
Specified load	Q(kg)	2000
Load center	C(mm)	600
Lifting stroke	H(mm)	125
Minimum fork height	H1(mm)	80
Maximum reach of the fork	H2(mm)	205
Outer width of the fork	E(mm)	680
Cartoon length	L(mm)	1220
Cartoon thickness/width	H3/B1(mm)	55 / 180
Vehicle length (pedals retracted/extended)	A(mm)	2040 / 2460
Overall vehicle height (including handle)	H4(mm)	1480
Overall vehicle height (excluding handle)	H5(mm)	850
Width over sides of car body	B(mm)	795
Turning radius (retracted/extended)	Wa(mm)	1840 / 2260
Channel dimensions: 800×1200, pallet	Ast(mm)	2380

Channel dimensions: 1000×1200, pallet	Ast(mm)	2480
Conduct oneself with dignity	kg	690
External dimensions (L × W × H)	mm	2040 × 795 × 1480 (frame in retracted position)
Running speed	km/h	3~5
Lifting/lowering speed	m/s	0.05~0.06
Incline	%	5~7
Wheel material	—	PU
Driving wheel	mm	φ230×70 / φ252×88
Load-bearing wheels / Balance wheels	mm	φ80×70 / φ115×55
Stepper motor	kW	AC1.5 / AC1.3
Hoist motor	kW	DC2.2
Cell	V/Ah	24 / 210 (capacity available as an optional feature)
Braking	—	Electromagnetic braking
Controller	—	CURTIS F2A / CURTIS1230/ZAPI AC-0

Outline & Dimensions· Unit: mm

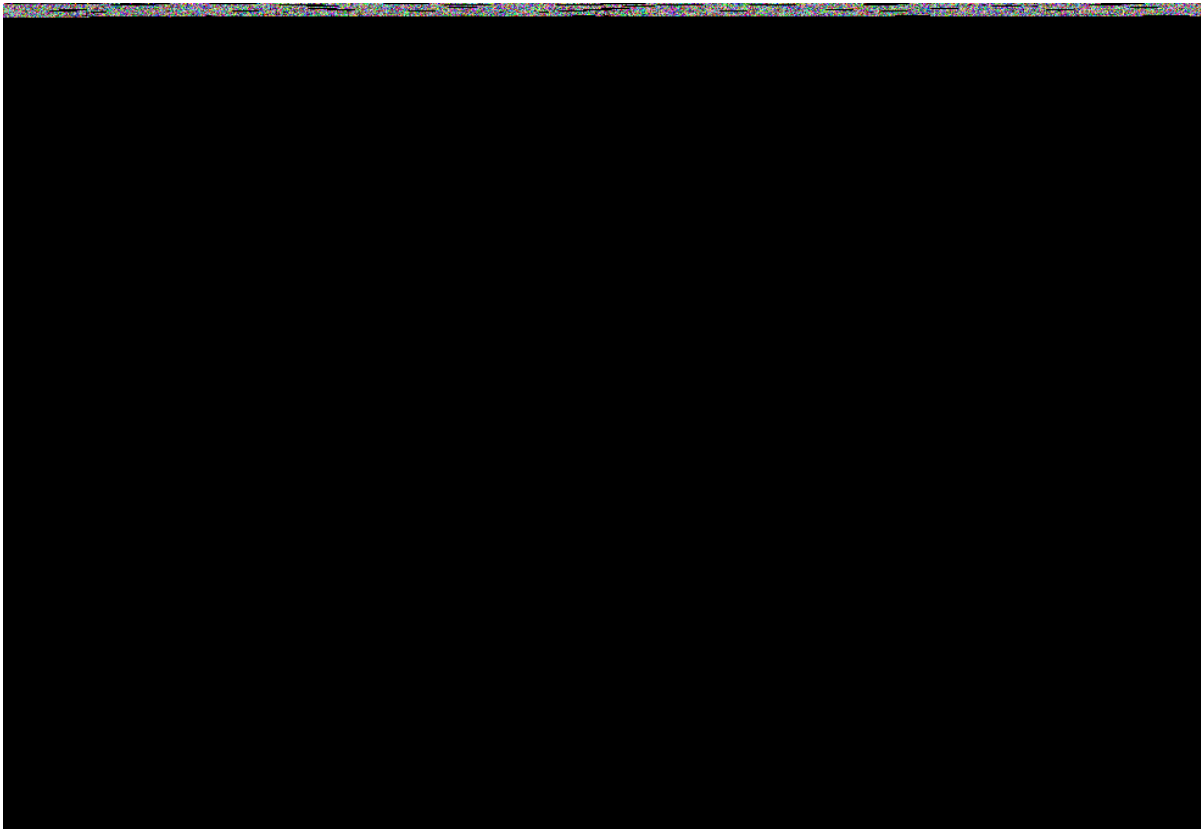


CBD25 Station-mounted electric material handling vehicle (electronic rotation)

Xiang)

Stand-on Electric Pallet Truck (EPS)

Electric Power Steering · 2.5 Tonnes



01	02	03	04	05	06
Electric power steering	2.5 Rated Load: X Tons	Vertical gearbox	CURTIS controller	2.2 KW Booster Pump Station	battery capacity

Features & Details

- 1. Maintenance-free AC drive motor, high-strength vertical gearbox, and CAN bus technology ensure low operating noise and high transmission efficiency.
- 2. An American CURTIS drive controller is employed, equipped with multiple automatic protection features.
- 3. Equipped with an electronic power steering system, providing effortless and responsive steering control with easy operation.
- 4. The integrated control handle features a symmetrical design, and the control platform has a clear layout, enhancing operational comfort.
- 5. A 2.2 kW high-power lifting pump station to enhance operational efficiency.
- 6. High-capacity branded power batteries with intelligent protection ensure extended continuous operation time and effortless charging.
- 7. The vehicle structure has been optimized to ensure structural reliability while facilitating maintenance and servicing.

Electronic power steering allows easy operation with one hand; the maintenance-free AC motor, paired with a vertical gearbox and CAN bus, ensures high transmission efficiency and low noise levels. With a rated load capacity of 2,500 kg, it is ideal for medium-to-long-distance, high-frequency material handling.

Electric power steering for easy one-hand operation. Maintenance-free AC motor with vertical gearbox and CAN bus. Rated load 2500 kg for medium to long-distance, high-frequency pallet transport.

Applications and Operating Conditions / Applications

Designed for horizontal cargo handling over medium to long distances, this equipment combines walking and standing operation modes. When used with pallets, it enhances warehouse operational efficiency, features low energy consumption, and offers an extended service life. It is suitable for use in factory workshops, warehouses, supermarkets, distribution centers, and other similar environments.

Suitable for medium- to long-distance horizontal transport with walkie and stand-on operation. Works with pallets to raise warehouse efficiency. Low energy consumption and long service life. Used in factory workshops, warehouses, supermarkets, distribution and delivery centres.

Pallet Selection

Applicable to: Nine-leg / Chuan-shaped / Single-sided

Not applicable: Double-sided / Grid pattern

Suitable: 9-leg / Cross-shaped / Single-sided · Not suitable: Double-sided / Square-shaped

Compatible pallets: nine-leg / cross-shaped / single-sided pallets

Pallets: 9-leg / Chuan / single-face pallets

2500kg Rated Load	205mm Lift Height (max)	2380mm Aisle Width	1840 / 2260mm Turning Radius	740kg Vehicle Gross Weight / Service Weight
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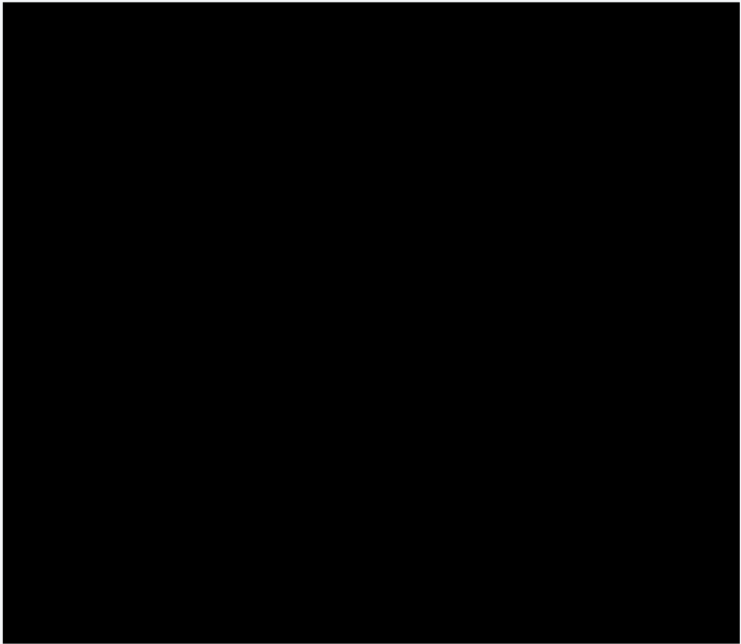
CBD25 Technical Specifications

Technical Specifications

Station-mounted electric pallet truck (electronic steering)

specified load	Q(kg)	2500	Channel width: 800×1200	Ast(mm)	2380
Load center	C(mm)	600	Channel width: 1000×1200	Ast(mm)	2480
Steering mode	—	Electric power steering	Conduct oneself with dignity	kg	740
Lifting stroke	H(mm)	125	External dimensions (L × W × H)	mm	2040 × 795 × 1480 (frame in retracted position)
Minimum fork height	H1(mm)	85	Running speed	km/h	4~6
Maximum reach of the fork	H2(mm)	205	Lifting/lowering speed	m/s	0.05~0.06
Outer width of the fork	E(mm)	680	Incline	%	5~7
Cartoon length	L(mm)	1220	Drive wheel / Load-bearing wheel	mm	φ248×75 / φ80×70
Cartoon thickness/width	H3/B1(mm)	55 / 180	Balance wheel	mm	φ115×55
Vehicle length (folded/extended)	A(mm)	2040 / 2460	Travel/hoisting motor	kW	AC1.5 / DC2.2
Overall vehicle height (including handle)	H4(mm)	1480	Cell	V/Ah	24 / 210 (capacity available as an optional feature)
Overall vehicle height (excluding handle)	H5(mm)	850	Braking	—	Electromagnetic braking
Width over sides of car body	B(mm)	795	controller	—	CURTIS F2A
Turning radius (retracted/extended)	Wa(mm)	1840 / 2260			

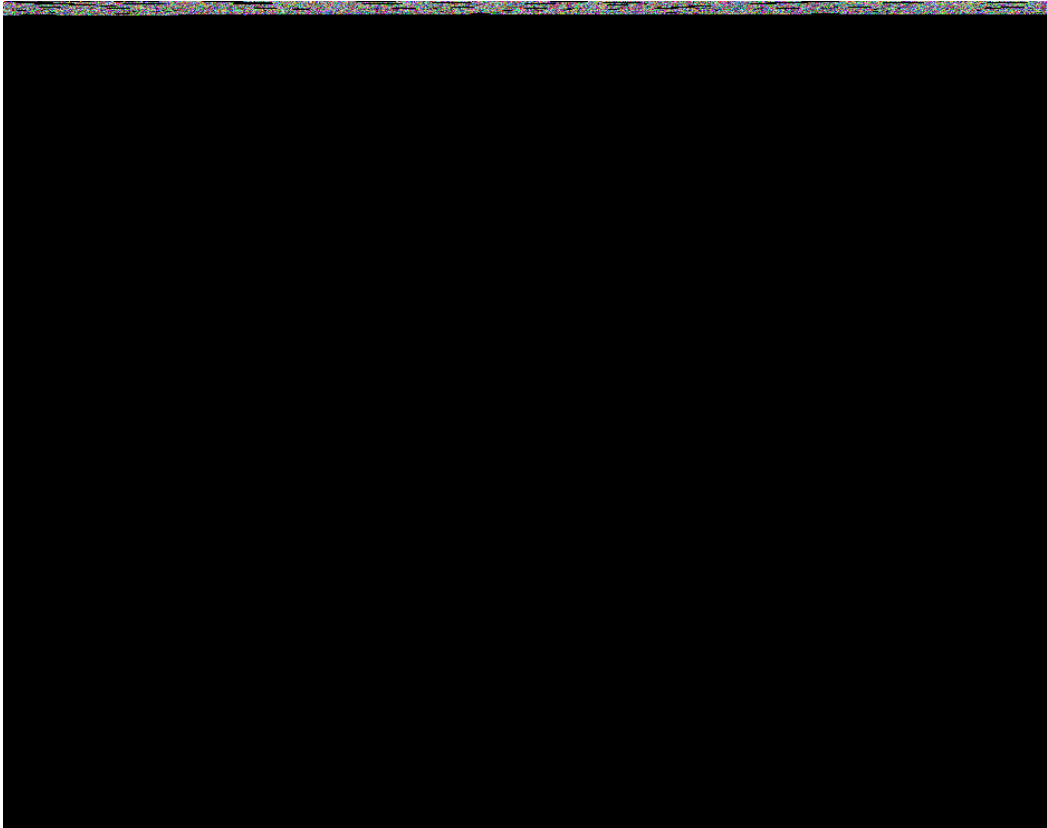
Outline & Dimensions· Unit: mm



CBDJ20A Stand-on Reach Electric Pallet Truck

Stand-on Reach Electric Pallet TruckReachable Forks · One

Machine for Loading, Unloading, and Stacking



01	02	03	04	05	06
Forward picking	A tractor serves several purposes	Flexible narrow channel design	Heavy-duty structure	Foldable pedals + arm guards	battery capacity

Features & DetailsFeatures & Details

1. Station-mounted electric pallet truck, equipped with adjustable foot pedals and protective arms.
2. Heavy-duty design, featuring a robust and reliable structure.
3. The AC drive assembly and the electronic control system operate reliably.
4. The arm guards are ergonomically designed to enhance operational comfort.
5. The pedals are foldable, ergonomically designed to reduce operational fatigue.
6. High-capacity traction batteries offer convenient and fast charging, along with extended battery life.

Station-mounted electric pallet truck with forward extension capability: the forks can extend forward to pick items, and it is also compatible with double-sided and grid-shaped pallets. The entire process—from unloading from a truck to stacking on a rack—can be completed in a single operation; the vehicle features a compact design, ensuring flexibility even in narrow aisles. Rated load capacity: 2,000 kg.

Stand-on pallet truck with reach function: the forks extend forward to pick up loads, handling double-face and grid pallets. One machine covers truck unloading to racking. Compact body for narrow aisles. Rated load 2000 kg.

Applications and Operating Conditions / Applications

The vehicle features a compact body and is equipped with a forward-mounted cargo fork, enabling flexible operation in narrow passages. It is suitable for use in factory workshops, warehouses, distribution centers, and logistics hubs; in truck loading and unloading operations, it can complete the process from unloading to shelving stacking in a single operation, with a rated load capacity of 2,000 kg.

Compact body with a reach fork for flexible work in narrow aisles. Used in factory workshops, warehouses, distribution and delivery centres. In truck loading and unloading it handles the full cycle from unloading to racking, rated load 2000 kg.

Pallet Selection

Applicable to: nine-leg trays, cross-shaped trays, double-sided trays, grid-shaped trays, and most other common tray configurations.

Suitable for: most conventional trays, including 9-leg, cross-shaped, double-sided, and grid-shaped designs.

Compatible pallets: 9-leg / cross-shaped / double-sided / grid-shaped pallets

Pallets: 9-leg / Chuan / double-face / grid pallets

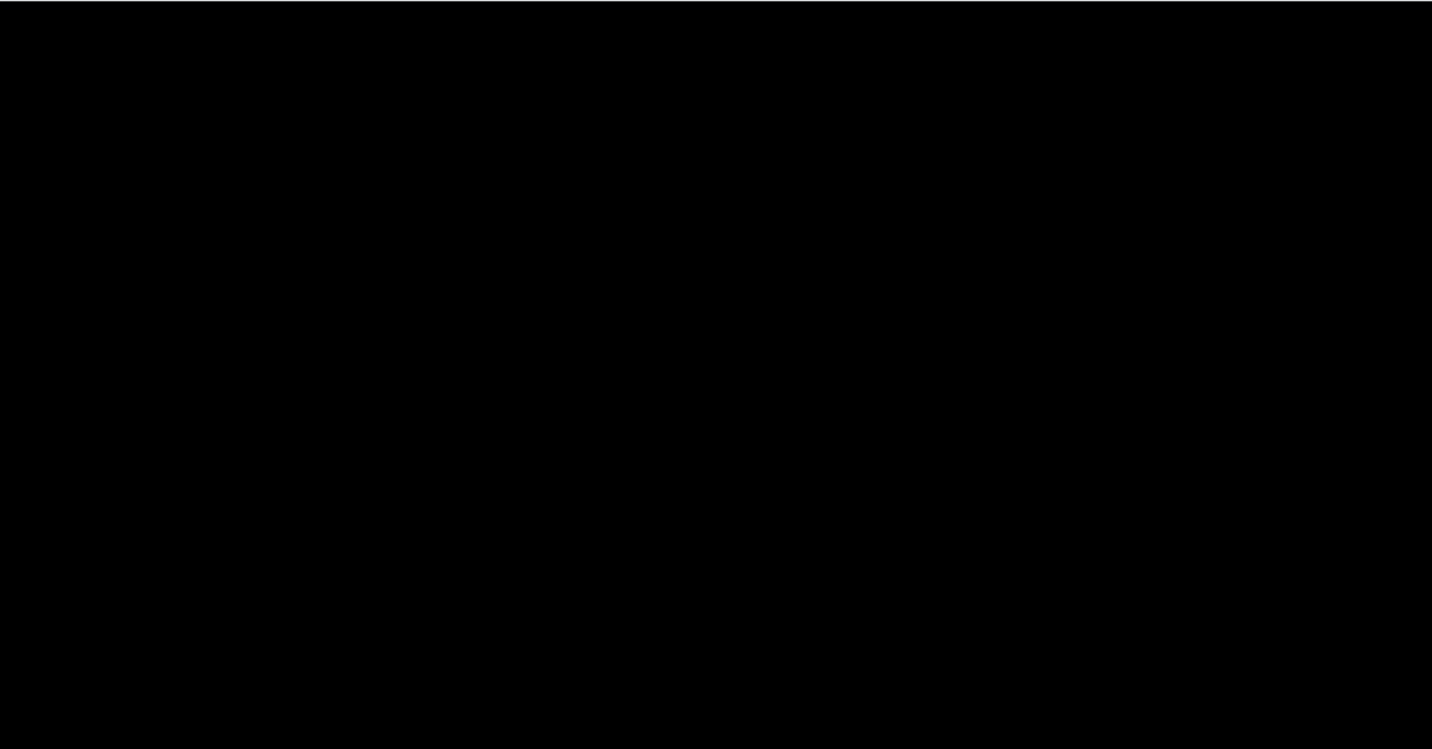
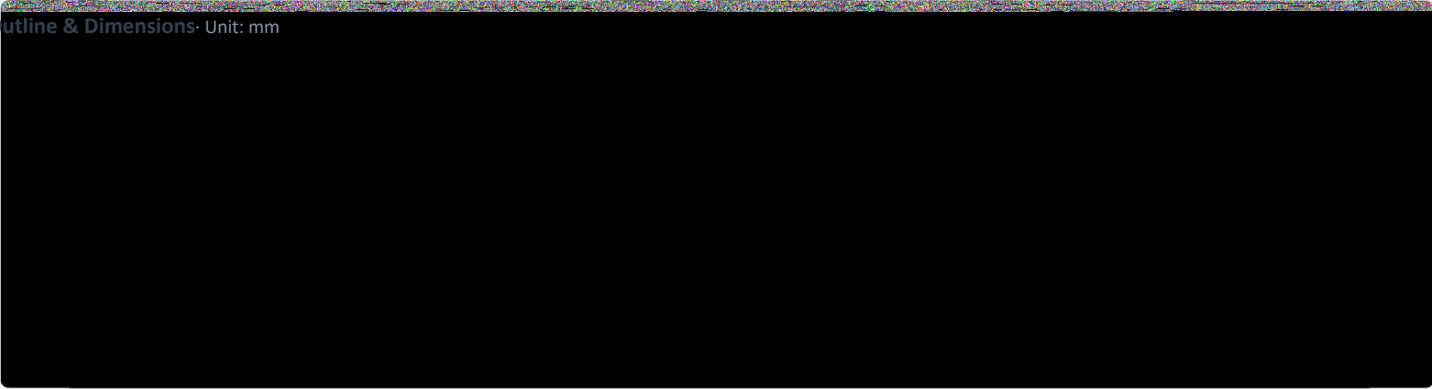
2000kg	195mm	2140mm	1640 / 2060mm	570kg
Rated Load	Lift Height (max)	Aisle Width	Turning Radius	Vehicle Gross Weight / Service Weight

CBDJ20A Technical Specifications

specified load	Q(kg)	2000
Load center	C(mm)	600
Lifting stroke	H(mm)	110
Minimum fork height	H1(mm)	85
Maximum reach of the fork	H2(mm)	195
Outer width of the fork	E(mm)	680
Cartoon length	L(mm)	1150
Cartoon thickness/width	H3/B1(mm)	53 / 160
Length of wagon	A(mm)	1870
Overall vehicle height (including handle)	H4(mm)	1500
Overall vehicle height (excluding handle)	H5(mm)	860
Width over sides of car body	B(mm)	722
Turning radius (retracted/extended)	Wa(mm)	1640 / 2060

Station-mounted forward-transporting cart

Channel width: 800×1200	Ast(mm)	2140
Channel width: 1000×1200	Ast(mm)	2230
Conduct oneself with dignity	kg	570
External dimensions (L × W × H)	mm	1870 × 722 × 1500 (frame in retracted position)
Running speed	km/h	4~6
Lifting/lowering speed	m/s	0.05~0.06
Incline	%	5~7
Drive wheel / Load-bearing wheel	mm	250×80 / 80×70
Balance wheel	mm	100×40
Travel/hoisting motor	kW	AC1.5 / DC1.6
Cell	V/Ah	24 / 165 (capacity available as an optional feature)
Braking	—	Electromagnetic braking
Controller	—	ZAPI AC-0





01	02	03	04	05	06
2.5 Rated Load: X Tons	48V system	Baosteel chassis	ABS engineering plastic housing	Suitable for small ducts	CURTIS controller

Features & Details

1. **2.5 ton rated load:** compact body
2. **48V System:**65Ah×4 battery pack, providing ample power
3. **Baosteel frame:** reliable steel material and high frame strength
4. **ABS engineering plastic housing:** impact-resistant and easy to replace
5. **Ideal for narrow passages:** short vehicle body length and agile maneuverability
6. **CURTIS Controller:** Smooth control and comprehensive protection

Portable electric pallet truck featuring an ABS engineering plastic housing and a Baosteel steel frame; economical and reliable, ideal for small aisles and short-to-medium distance material handling. Rated load capacity: 2,500 kg.

Walkie electric pallet truck with ABS housing and Baosteel frame. Economical and reliable, suited to narrow aisles and short-medium distances. Rated load 2500 kg.

Applications and Operating Conditions / Applications

Designed for horizontal cargo handling over medium to long distances, this device allows operators to walk alongside it. When used in conjunction with pallets, it enhances warehouse operational efficiency, features low energy consumption, and offers a long service life. It is suitable for use in factory workshops, warehouses, supermarkets, distribution centers, and other similar environments.

Suitable for medium- to long-distance horizontal transport with walkie operation. Works with pallets to raise warehouse efficiency. Low energy consumption and long service life. Used in factory workshops, warehouses, supermarkets, distribution and delivery centres.

Pallet Selection

Applicable to: Nine-leg / Chuan-shaped / Single-sided

Not applicable: Double-sided / Grid pattern

Suitable: 9-leg / Cross-shaped / Single-sided · Not suitable: Double-sided / Square-shaped

Compatible pallets: nine-leg / cross-shaped / single-sided pallets

Pallets: 9-leg / Chuan / single-face pallets

2500kg	110mm	2040mm	1650mm	570kg
Rated Load	Lift Height (max)	Aisle Width	Turning Radius	Vehicle Gross Weight / Service Weight

CBDJ25B Technical Parameters: RDM-SPDHA-N

Walk-type electric pallet truck

Specified load	Q(kg)	2500	Passage width: 800×1200	Ast(mm)	2040
Load center	C(mm)	600	Channel width: 1000×1200	Ast(mm)	2130
Lift height	H(mm)	110	Self-weight	kg	570
Minimum forklift height	H1(mm)	85	External dimensions (L × W × H)	mm	1770 x 724 x 1450 (gate frame retracted state)
Maximum height of the forklift	H2(mm)	195	Running speed	km/h	4~6
Cartoon outer width	E(mm)	680	Lifting/lowering speed	m/s	0.05~0.06
Cartoon length	L(mm)	1150	Climb slope	%	5~7
Cart fork thickness/width	H3/B1(mm)	53 / 160	Drive wheel / Load-bearing wheel	mm	φ 210×75 / φ80IX7 days
Length of wagon	A(mm)	1770	Balance wheel	mm	φ70×30
Overall vehicle height (including manual adjustment)	H4(mm)	1450	Travel/Lifting Electric Motor	kW	DC1.0 / DC0.8
Overall vehicle height (excluding spare tires)	H5(mm)	800	Battery	V/Ah	48 / 65Ahx 4 (capacity available as an optional feature)
Width over sides of car body	B mm)	724	Brake	—	Electromagnetic braking
Minimum turning radius	Wa(mm)	1650	Controller	—	CURTIS 1212P

Perimeter Dimensions Diagram | Outlines & Dimensions | Unit: Mm



01	02	03	04	05	06
Six-stage lifting height	Electric power steering	Dual oil cylinders with dual chains	H-Shaped Channel Steel Frame	Battery-side pull design	Six available tare weight options

Features & Details

1. The gantry is constructed from high-quality H-shaped channel steel, which offers excellent bending resistance, ensuring the overall structural strength of the gantry and the safety of the vehicle.
2. Maintenance-free AC drive motors, high-strength vertical gearboxes, and CAN bus technology enhance overall vehicle performance while reducing maintenance costs.
3. An American CURTIS drive controller is employed, equipped with multiple automatic protection features.
4. The ergonomic handle design, combined with protective arm guards and a foldable pedal, ensures flexible operation across all functions.
5. Equipped with an electronic power steering system, ensuring effortless and responsive steering, as well as enhanced handling safety.
6. The large-diameter dual lifting cylinders, combined with a dual-chain design, ensure smooth lifting and lowering operations.
7. High-power lifting pump station that automatically reduces speed during heavy-load lowering, ensuring smooth placement of the pallet.
8. High-capacity branded power batteries, precisely matched with intelligent protection technology, feature low heat generation and an extended service life.
9. The body structure has been optimized, making the vehicle safer, more robust, and easier to maintain and service.

Stationary stacker truck featuring electric travel and electric lifting, electronic power steering, dual-frame design, lifting height ranging from 1,600 to 4,000 mm, with six selectable speed settings. Dual lifting cylinders equipped with dual chains ensure smooth lifting operations; battery side-pull design facilitates easy battery replacement.

Stand-on full-electric stacker with electric power steering, 2-stage mast and lift heights from 1600 to 4000 mm. Dual lift cylinders with dual chains for smooth travel; side-pull battery for quick change.

Applications and Operating Conditions / Applications

This stand-mounted fully electric stacker is suitable for stacking and retrieving goods between warehouse racks, as well as for pallet handling operations in workshops, distribution centers, and logistics hubs. Its compact design enables operation within narrow aisles.

A stand-on full-electric stacker for stacking and retrieval between warehouse racks, and pallet lifting in workshops, distribution and delivery centres. The compact body works in comparatively narrow aisles.

Pallet Selection

Applicable to: Nine-leg / Chuan-shaped / Single-sided

Not applicable: Double-sided / Grid pattern

Suitable: 9-leg / Cross-shaped / Single-sided · Not suitable: Double-sided / Square-shaped

Compatible pallets: 9-leg / cross-shaped / double-sided / grid-shaped pallets

Pallets: 9-leg / Chuan / double-face / grid pallets

1800kg Rated Load	4000mm Lift Height (max)	2370 / 2790mm Aisle Width	1620 / 2040mm Turning Radius	1020-1170kg Vehicle Gross Weight / Service Weight
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CDD18 Technical Specifications

Technical Specifications

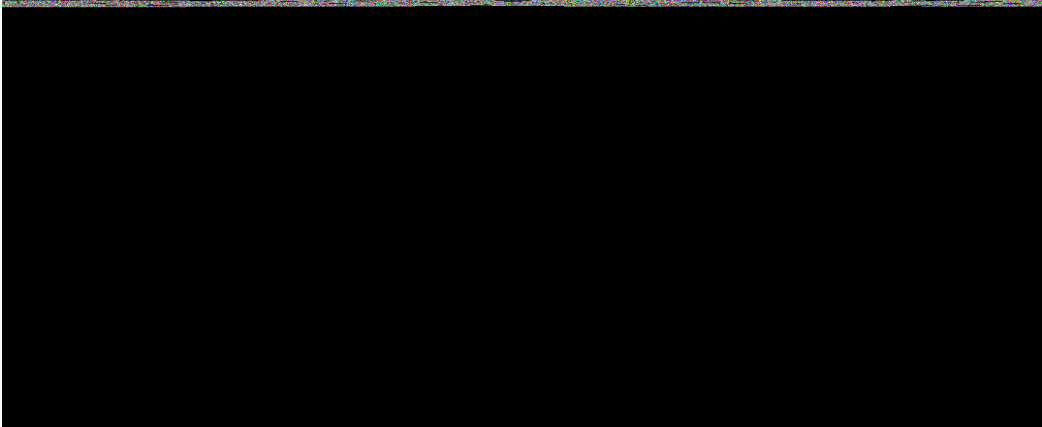
Station-mounted fully electric stacker truck

Specified load	Q(kg)	1800	Channel width: 1200×1000	Ast(mm)	2370 / 2790
Load center	C(mm)	500	Channel width: 800×1000	Ast(mm)	2305 / 2725
Driving Mode	—	Stationing and driving	Conduct oneself with dignity	kg	1020/1050/1080/1110/1140/1170 (by lifting height)
Truss level	—	Level 2	External dimensions (L × W × H)	mm	2070 × 795 × 1500 (frame in retracted position)
Lifting altitude	H(mm)	1600/2000/2500/3000/3500/4000	Running speed	km/h	3.5~5
Steering mode	—	Electric power steering	Lifting/lowering speed	m/s	0.07~0.15 / 0.1~0.12
Boom retraction height	H1(mm)	2065/1500/1750/2000/2250/2500	Incline	%	5~7
Maximum height of the gantry	H2(mm)	2065/2455/2955/3455/3955/4455	Front wheel/Back wheel	mm	80×70 / 115×55
Minimum fork height	H3(mm)	88	Driving wheel	mm	248×75
Vehicle length (folded/extended)	A(mm)	2070 / 2490	Travel/hoisting motor	kW	AC1.5 / DC2.2
Width over sides of car body	B(mm)	795	Cell	V/Ah	24 / 210 (Battery weight: 198 kg; capacity available as an optional feature)
Cartoon length	L(mm)	1150	Braking	—	Electromagnetic braking
Outer width of the fork	E(mm)	685	controller	—	CURTIS F2A
Turning radius (retracted/extended)	Wa(mm)	1620 / 2040			

Outline & Dimensions· Unit: mm



Load Capacity Chart

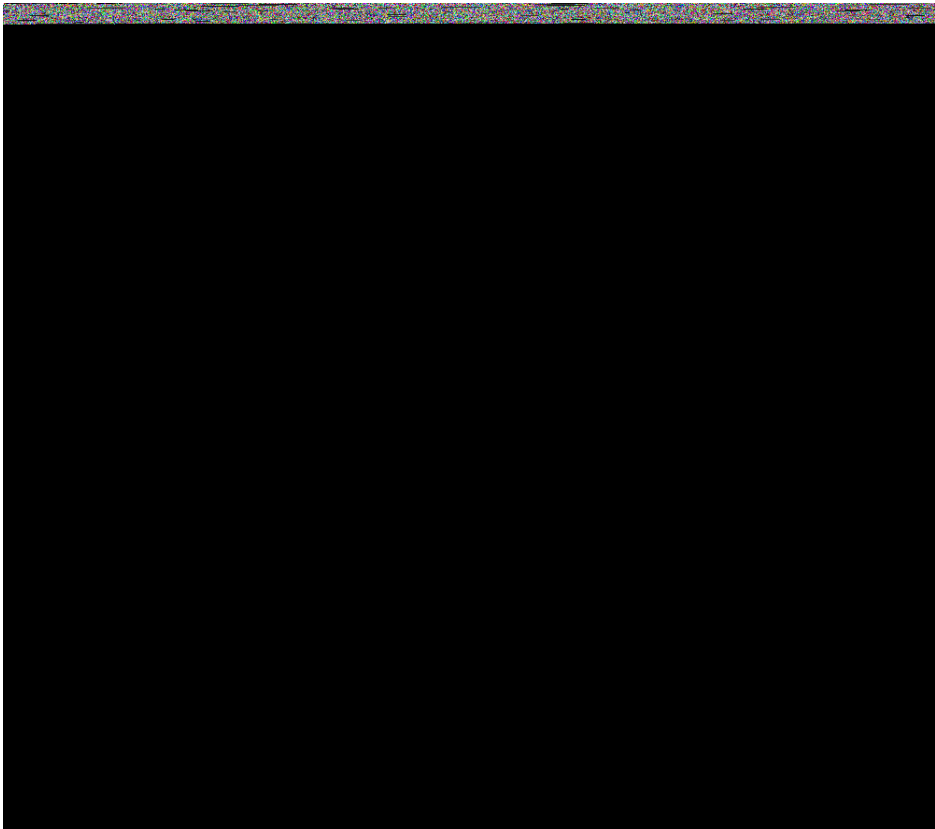


explain: The dimensional drawings are for illustrative purposes only; the actual dimensions shall be subject to the physical product. The load capacity varies with the lifting height and the load center; a safety margin of 15%–20% is reserved when selecting the appropriate model. Batteries are optional, and the charging plug shall comply with the requirements of the target country. Any changes to the parameters will not be communicated separately.

Station-mounted fully electric
stacker (Class 3 gantry)

Stand-on Stacker (3-Stage
Mast)

Grade 3 Gantry ·
Lifting Height: 4.5 M



01
Lifting height: 4.5 m

02
Free lift: 1550 mm

03
Grade III gantry

04
Electronic steering

05
3.0 kW boost motor

06
24V/210AH battery

Features & Details

- 1. The gantry is constructed from high-quality H-shaped channel steel, which offers excellent bending resistance, ensuring the overall structural strength of the gantry and the safety of the vehicle.
- 2. Maintenance-free AC drive motors, high-strength vertical gearboxes, and CAN bus technology enhance overall vehicle performance while reducing maintenance costs.
- 3. An American CURTIS drive controller is employed, equipped with multiple automatic protection features.
- 4. The ergonomic handle design, combined with protective arm guards and a foldable pedal, ensures flexible operation across all functions.
- 5. Equipped with an electronic power steering system, ensuring effortless and responsive steering, as well as enhanced handling safety.
- 6. The large-diameter dual lifting cylinders, combined with a dual-chain design, ensure smooth lifting and lowering operations.
- 7. High-power lifting pump station that automatically reduces speed during heavy-load lowering, ensuring smooth placement of the pallet.
- 8. High-capacity branded power batteries, precisely matched with intelligent protection technology, feature low heat generation and an extended service life.
- 9. The body structure has been optimized, making the vehicle safer, more robust, and easier to maintain and service.

Class 3 gantry stacker truck with a lifting height of 3,500–4,500 mm and a free lift range of 1,210–1,550 mm; capable of operating in low-clearance warehouses and handling operations on high-density shelving. Rated load capacity: 1,600 kg; load center: 500 mm.

3-stage mast stacker with lift heights of 3500–4500 mm and free lift of 1210–1550 mm for low-clearance aisles and high-bay racking. Rated load 1600 kg at 500 mm load centre.

Applications and Operating Conditions / Applications

A Fully Electric Level 3 Gantry Stacker Features a Low Closing Height and Extended Lifting Capacity, Making It Suitable for Rack Stacking as Well as Loading and Unloading Operations Within Containers and Wagons.

A full-electric stacker with a three-stage mast: low closed height with a higher lift. Suitable for rack stacking and loading work inside containers and truck bodies.

Pallet Selection

Applicable to: Nine-leg / Chuan-shaped / Single-sided

Not applicable: Double-sided / Grid pattern

Suitable: 9-leg / Cross-shaped / Single-sided · Not suitable: Double-sided / Square-shaped

Compatible pallets: 9-leg / cross-shaped / double-sided / grid-shaped pallets

Pallets: 9-leg / Chuan / double-face / grid pallets

1600 kg
Rated Load

4500 mm
Lift Height (max)

2400 / 2820 mm
Aisle Width

1635 / 2055 mm
Turning Radius

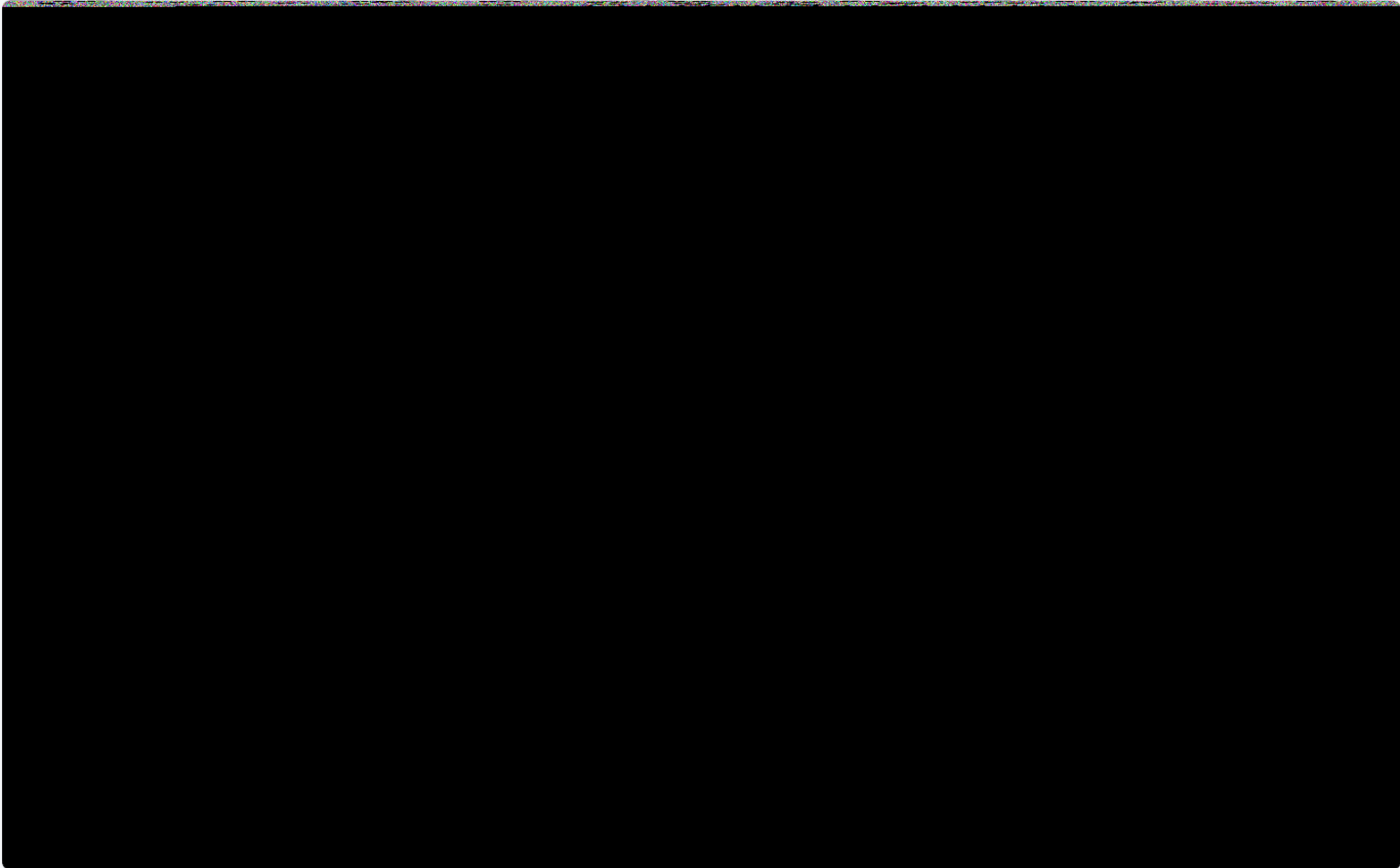
1190–1290 kg
Vehicle Gross Weight / Service Weight

(Level 3 gantry)

Specified load	Q(kg)	1600	Turning radius (retraction/extension blade)	Wa(mm)	1635 / 2055
Load center	C(mm)	500	Channel width: 1200×1000	Ast(mm)	2400 / 2820
Driving Mode		Stationing and driving	Channel width: 800×1000	Ast(mm)	2335 / 2755
Truss level	—	Level 3	Self-weight	kg	1190/1240/1290
Rise height	H(mm)	3500/4000/4500	Dimensions (Length × Width × Depth)	mm	2100 x 795 x 1730 (gate frame retracted)
Turning mode		Electronic power-assisted knee flexion			state)
Boom retractable height	H1(mm)	1730/1895/2065	Running speed	km/h	3.5~5
Maximum height of the gantry	H2(mm)	3985/4485/4985	Lift/Lower speed	m/s	0.07~0.15 / 0.1~0.12
Minimum forklift height	H3(mm)	85	Pitted acne	%	5Jiu7
Free Lift	mm	1210/1380/1550	Front wheel/Back wheel	mm	80 × 7 days/115 × 55
Vehicle length (folded/ extended)	A(mm)	2100 / 2520	Drive wheel	mm	248×75
Width over sides of car body	B(mm)	795	Walking/lifting electric motor	kW	AC1.5 / DC3.0
Cart fork length	L(mm)	1150	Battery	V/Ah	24 / 210 (Battery weight: 198 kg; capacity: Optional)
Cart outer width	E(mm)	685	Brake/Control Unit	—	Electromagnetic braking / CIJ kRIS; F2A



Note: The dimensional drawings are schematic; the actual dimensions shall be subject to the physical product. The load varies with the lifting height and the load center; when selecting the model, allow a 15%–20% margin. Batteries are available in various configurations; charging plugs shall comply with the requirements of the target country. Any changes to the parameters will not be notified separately .



- 01
Station-based operation
- 02
Floating frame structure
- 03
Battery capacity is available in multiple options
- 04
Four-stage lifting mechanism
- 05
channel 2340mm
- 06
CURTIS controller

Features & Details Features & Details

1. The gantry frame is constructed from Baosteel steel, offering high load-bearing capacity to ensure vehicle safety.
2. A high-efficiency DC drive motor, combined with a mechanically engineered high-strength chassis structure, enhances overall vehicle performance and off-road capability.
3. The electrical control system employs a CURTIS drive controller from the United States, featuring multiple automatic protection mechanisms.
4. High-power lifting pump station that automatically reduces speed during descent to ensure smooth placement of the pallet.
5. Battery capacity can be flexibly selected according to requirements, offering improved cost-effectiveness.
6. The vehicle structure has been optimized to ensure structural reliability while facilitating maintenance and servicing.

The station-mounted design accommodates a wide range of operating conditions, while the floating frame structure offers easy handling and simple maintenance; battery capacity can be optionally configured according to requirements, ensuring cost-effectiveness. The rated load capacity is 1,500 kg, with a lifting range of 1,600–3,000 mm.

Stand-on stacker with floating-frame structure for easy handling and service. Battery capacity configurable on request. Rated load 1500 kg, lift 1600–3000 mm.

Applications and Operating Conditions / Applications

Featuring a compact chassis and agile handling, this vehicle combines walking and stationary driving capabilities, offers low energy consumption, and meets the requirements for routine cargo stacking operations. It is suitable for use in factory workshops, warehouses, distribution centers, and delivery hubs.

Compact body with agile handling, combining walkie and stand-on operation. Low energy consumption, covering conventional stacking needs. Used in factory workshops, warehouses, distribution and delivery centres.

Pallet Selection

Applicable to: Nine-leg / Chuan-shaped / Single-sided

Not applicable: Double-sided / Grid pattern

Suitable: 9-leg / Cross-shaped / Single-sided · Not suitable: Double-sided / Square-shaped

Compatible pallets: nine-leg / cross-shaped / single-sided pallets

Pallets: 9-leg / Chuan / single-face pallets

1500kg Rated Load	3000mm Lift Height (max)	2340mm Aisle Width	1560 / 1980mm Turning Radius	700–800kg Vehicle Gross Weight / Service Weight
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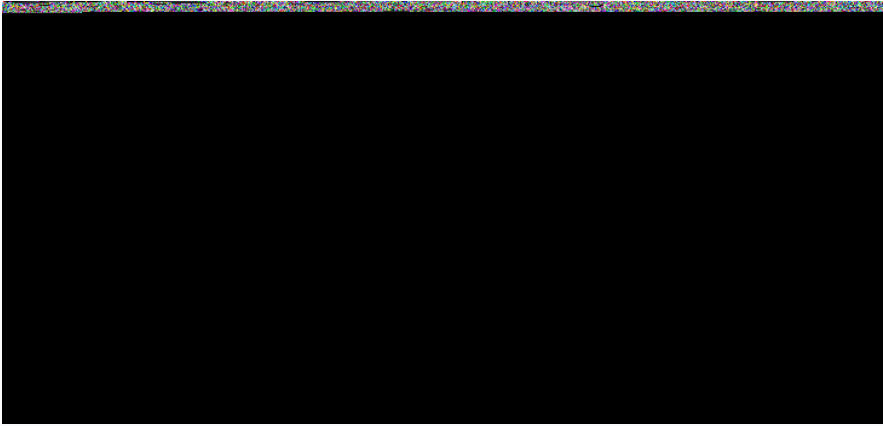
CDDN15 Technical Specifications

Technical Specifications

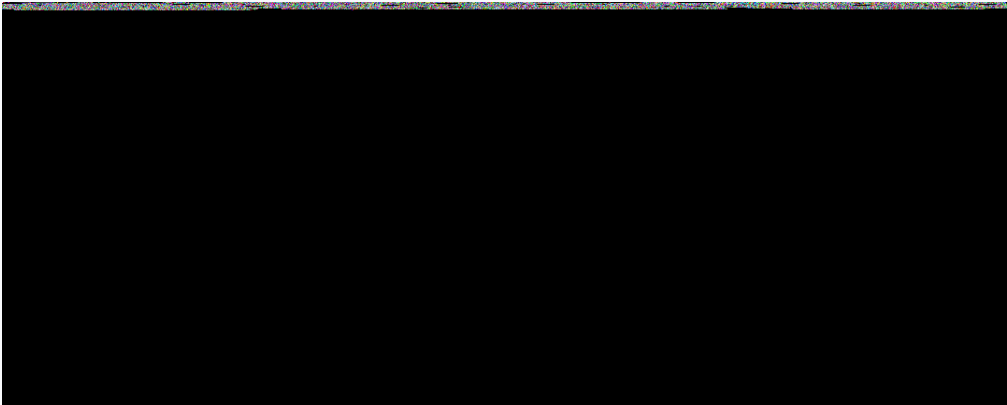
Station-mounted fully electric stacker truck

specified load	Q(kg)	1500	Turning radius (retracted/extended)	Wa(mm)	1560 / 1980
Load center	C(mm)	500	Channel width: 800×1200	mm	2340
Driving Mode	—	Stationary	Channel width: 1000×1200	mm	2400
Maximum height of lift	H(mm)	1600/2000/2500/3000	Conduct oneself with dignity	kg	700/725/750/775/800
Minimum fork height	H3(mm)	88	External dimensions (L × W × H)	mm	2090 × 795 × 1605 (frame in retracted position)
Overall vehicle height at rest	H1(mm)	2065/1605/1855/2105	Running speed	km/h	3~5
Maximum working height	H2(mm)	2065/2560/3060/3560	Lifting/lowering speed	m/s	0.07~0.13 / 0.1~0.13
Outer width of the fork	E(mm)	680	Incline	%	3~5
Cartoon length	L(mm)	1150	Drive wheel / Load-bearing wheel	mm	210×70 / 80×70
Cartoon width	B1(mm)	160	Travel/hoisting motor	kW	DC0.75 / DC2.2
Overall vehicle length	A(mm)	2090	Cell	V/Ah	24V (80–120Ah / 12V × 2; capacity available as an optional feature)
Width over sides of car body	B(mm)	795	Brake/Controller	—	Electromagnetic Brake / CURTIS 1212P

Outline & Dimensions Unit: mm



Load Capacity Chart

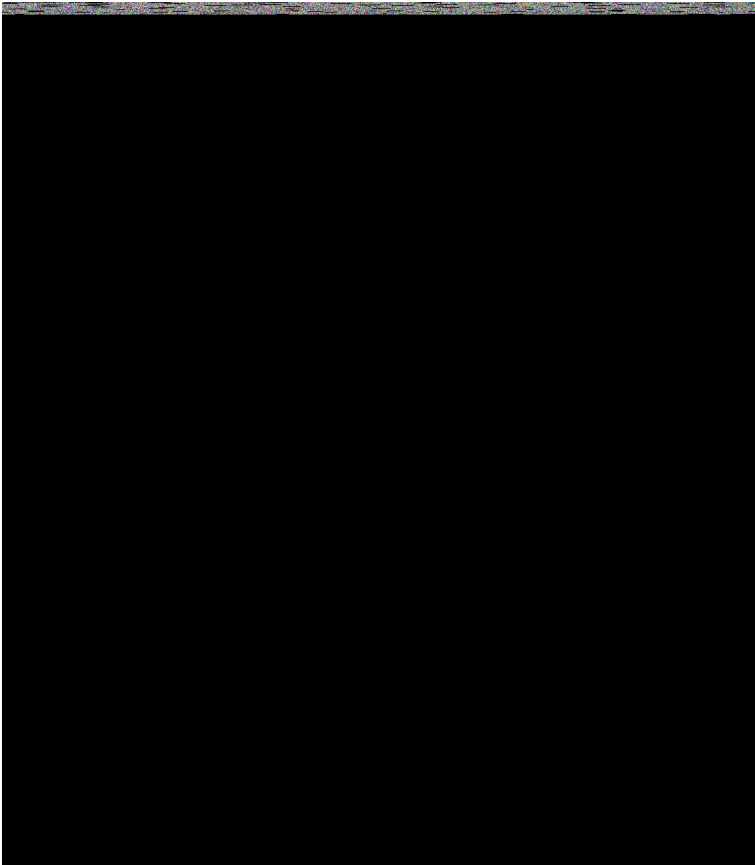


explain: The dimensional drawings are for illustrative purposes only; the actual dimensions shall be subject to the physical product. The load capacity varies with the lifting height and the load center; a safety margin of 15%–20% is reserved when selecting the appropriate model. Batteries are optional, and the charging plug shall comply with the requirements of the target country. Any changes to the parameters will not be communicated separately.

CDDJ
S15

Station-mounted heavy-duty fully electric stacker truck (Class 3 gantry)

Heavy-Duty Stand-on Stacker (3-Stage Mast)
Heavy-duty mast · Side-pull battery · Lifting capacity: 4.5 m



01 Heavy-duty frame	02 Dual oil cylinders with dual chains	03 Battery-side pull	04 Lifting height: 4.5 m	05 AC AC Drive	06 24V/210Ah
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Features & Details

- 1. The gantry is constructed from high-quality H-shaped channel steel, which offers excellent bending strength and ensures the overall structural integrity of the gantry.
- 2. A Level 3 gantry system featuring a low closing height and extended lifting capacity, making it suitable for high-aisle racking systems.
- 3. Maintenance-free AC drive motors, high-strength vertical gearboxes, and CAN bus technology enhance overall vehicle performance while reducing maintenance costs.
- 4. An American CURTIS drive controller is employed, equipped with multiple automatic protection features.
- 5. The large-diameter dual lifting cylinders, combined with a dual-chain design, ensure smooth lifting and lowering operations.
- 6. High-capacity branded power batteries featuring intelligent protection and a side-removable design ensure more efficient battery replacement.

Heavy-duty station-mounted stacker crane featuring an H-profile channel steel three-stage frame equipped with dual hydraulic cylinders and dual chains, ensuring stable lifting performance; battery-side pull-type design enables rapid battery swapping, eliminating downtime between shifts. Rated load: 1,500 kg; lifting height: 3,500–4,500 mm; ideal for high-aisle shelving systems.

Heavy-duty stand-on stacker with H-section 3-stage mast, dual cylinders and dual chains for stable lifting. Side-pull battery for quick change. Rated load 1500 kg, lift 3500–4500 mm for high-level racking.

Applications and Operating Conditions / Applications

Suitable for stacking and retrieving operations on high-density shelving systems, as well as for handling heavy-duty pallets in warehouses and workshops. When used in conjunction with pallets, it can significantly enhance warehouse operational efficiency. It is applicable in various settings, including factory workshops, warehouses, distribution centers, and logistics hubs.

For stacking and retrieval at high rack levels and for handling heavy pallets in warehouses and workshops. Works with pallets to raise warehouse efficiency. Used in factory workshops, warehouses, distribution and delivery centres.

Pallet Selection

Applicable to: Nine-leg / Chuan-shaped / Single-sided

Not applicable: Double-sided / Grid pattern

Suitable: 9-leg / Cross-shaped / Single-sided · Not suitable: Double-sided / Square-shaped

Compatible pallets: nine-leg / cross-shaped / single-sided pallets

Pallets: 9-leg / Chuan / single-face pallets

1500kg Rated Load	4500mm Lift Height (max)	2400 / 2820mm Aisle Width	1635 / 2055mm Turning Radius	1140–1240kg Vehicle Gross Weight / Service Weight
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CDDJ-S15 Technical Specifications

Technical Specifications

Station-mounted heavy-duty fully electric

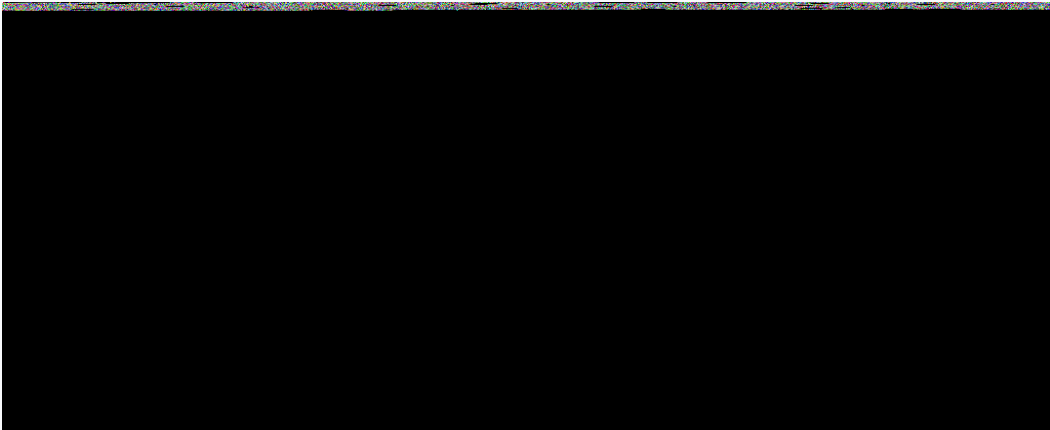
stacker truck (Class 3 gantry)

Model	—	CDDJ-S15	Outer width of the fork	E(mm)	685
Specified load	Q(kg)	1500	Turning radius (retracted/extended)	Wa(mm)	1635 / 2055
Load center	C(mm)	500	Channel width: 1200×1000	Ast(mm)	2400 / 2820
Driving Mode	—	Stationary	Channel width: 800×1000	Ast(mm)	2335 / 2755
Truss level	—	Three-level	Conduct oneself with dignity	kg	1140/1190/1240
Lifting altitude	H(mm)	3500/4000/4500	External dimensions (L × W × H)	mm	2100 × 795 × 1730 (frame in retracted position)
Steering mode	—	Mechanical steering	Running speed	km/h	3.5~5
Boom retraction height	H1(mm)	1730/1895/2065	Lifting/lowering speed	m/s	0.07~0.15 / 0.1~0.12
Maximum height of the gantry	H2(mm)	3985/4485/4985	Incline	%	5~7
Minimum fork height	H3(mm)	85	Front wheel/Back wheel	mm	80×70 / 115×55
Free Lift	mm	1210/1380/1550	Driving wheel	mm	252×88
Vehicle length (folded/extended)	A(mm)	2100 / 2520	Travel/hoisting motor	kW	AC1.3 / DC3.0
Width over sides of car body	B(mm)	795	Cell	V/Ah	24 / 210 (Battery weight: 198 kg; capacity available as an optional feature)
Cartoon length	L(mm)	1150	Brake/Controller	—	Electromagnetic Brake / CURTIS 1230/ZAPI AC-0

Outline & Dimensions· Unit: mm



Load Capacity Chart



explain: The dimensional drawings are for illustrative purposes only; the actual dimensions shall be subject to the physical product. The load capacity varies with the lifting height and the load center; a safety margin of 15%–20% is reserved when selecting the appropriate model. Batteries are optional, and the charging plug shall comply with the requirements of the target country. Any changes to the parameters will not be communicated separately.

Frame · Side-Pull Battery ·
Stage Mast)

(Secondary gantry)

Six-stage lifting mechanism



01 Heavy-duty frame	02 Dual oil cylinders with dual chains	03 Battery-side pull	04 Six-stage lifting mechanism	05 AC AC Drive	06 24V/210Ah
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Features & Details

1. The gantry is constructed from high-quality H-shaped channel steel, which offers excellent bending strength and ensures the overall structural integrity of the gantry.
2. The secondary gantry is equipped with six lifting height settings, allowing for flexible selection based on the rack bay height.
3. Maintenance-free AC drive motors, high-strength vertical gearboxes, and CAN bus technology enhance overall vehicle performance while reducing maintenance costs.
4. An American CURTIS drive controller is employed, equipped with multiple automatic protection features.
5. The large-diameter dual lifting cylinders, combined with a dual-chain design, ensure smooth lifting and lowering operations.
6. High-power lifting pump station that automatically reduces speed during heavy-load lowering, ensuring smooth placement of the pallet.
7. High-capacity branded power batteries featuring intelligent protection and a side-removable design ensure more efficient battery replacement.

Heavy-duty station-mounted stacker crane featuring an H-profile channel steel secondary frame equipped with dual hydraulic cylinders and dual chains, ensuring stable lifting performance under heavy loads; battery-side pull-type design enables rapid battery swapping, eliminating downtime between shifts. Rated load: 1,600 kg; lifting range: 1,600–4,000 mm, with six selectable speed settings to accommodate standard rack heights.

Heavy-duty stand-on stacker with H-section 2-stage mast, dual cylinders and dual chains for stable lifting. Side-pull battery for quick change. Rated load 1600 kg with six lift options from 1600 to 4000 mm.

Applications and Operating Conditions / Applications

Ideal for warehouses, workshops, and other areas requiring material handling and stacking; the six-tier gantry can be selected based on the height of the shelving racks. When used in conjunction with pallets, it can significantly enhance warehouse operational efficiency. It is suitable for use in factory workshops, warehouses, distribution centers, and delivery hubs.

For warehouses, workshops and other sites requiring transport and stacking, with six mast options to match rack heights. Works with pallets to raise warehouse efficiency. Used in factory workshops, warehouses, distribution and delivery centres.

Pallet Selection

Applicable to: Nine-leg / Chuan-shaped / Single-sided

Not applicable: Double-sided / Grid pattern

Suitable: 9-leg / Cross-shaped / Single-sided · Not suitable: Double-sided / Square-shaped

Compatible pallets: nine-leg / cross-shaped / single-sided pallets

Pallets: 9-leg / Chuan / single-face pallets

1600kg Rated Load	4000mm Lift Height (max)	2370 / 2790mm Aisle Width	1620 / 2040mm Turning Radius	980–1130kg Vehicle Gross Weight / Service Weight
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CDDJ16 Technical Specifications

Technical Specifications

Station-mounted heavy-duty fully electric
stacker (Class II gantry)

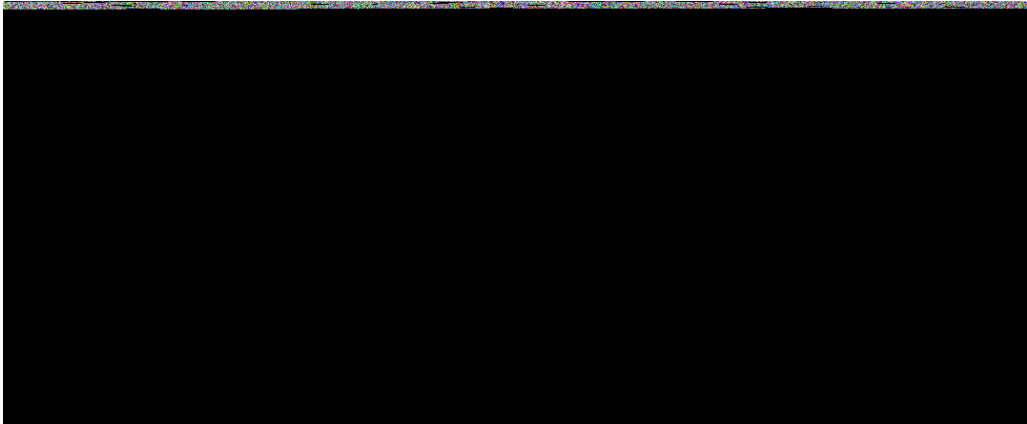
Model	—	CDDJ16
Specified load	Q(kg)	1600
Load center	C(mm)	500
Driving Mode	—	Stationary
Truss level	—	Level 2
Lifting altitude	H(mm)	1600/2000/2500/3000/3500/4000
Steering mode	—	Mechanical steering
Boom retraction height	H1(mm)	1500/1750/2000/2250/2500/2065
Maximum height of the gantry	H2(mm)	2065~4455
Minimum fork height	H3(mm)	88
Free Lift	mm	Select the frame gear
Vehicle length (folded/extended)	A(mm)	2100 / 2520
Width over sides of car body	B(mm)	795
Cartoon length	L(mm)	1150

Outer width of the fork	E(mm)	685
Turning radius (retracted/extended)	Wa(mm)	1620 / 2040
Channel width: 1200×1000	Ast(mm)	2370 / 2790
Channel width: 800×1000	Ast(mm)	2305 / 2725
Conduct oneself with dignity	kg	980/1010/1040/1070/1100/1130
External dimensions (L × W × H)	mm	2100 × 795 × 1500 (frame in retracted position)
Running speed	km/h	3.5~5
Lifting/lowering speed	m/s	0.07~0.15 / 0.1~0.12
Incline	%	5~7
Front wheel/Back wheel	mm	80×70 / 115×55
Driving wheel	mm	252×88
Travel/hoisting motor	kW	AC1.3 / DC2.2
Cell	V/Ah	24 / 210 (Battery weight: 198 kg; capacity available as an optional feature)
Brake/Controller	—	Electromagnetic Brake / CURTIS1230/ ZAPI AC-0

Outline & Dimensions· Unit: mm



Load Capacity Chart



explain: The dimensional drawings are for illustrative purposes only; the actual dimensions shall be subject to the physical product. The load capacity varies with the lifting height and the load center; a safety margin of 15%–20% is reserved when selecting the appropriate model. Batteries are optional, and the charging plug shall comply with the requirements of the target country. Any changes to the parameters will not be communicated separately.



01 The vehicle width is only 820 mm.	02 Long handle design	03 Permanent magnet drive motor	04 Five-stage lifting mechanism	05 The parking brake is reliable.	06 Maintenance-free battery
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Features & Details Features & Details

1. The frame is constructed from Baosteel steel, offering a high safety factor and superior load-bearing capacity to ensure vehicle safety.
2. A high-efficiency permanent magnet drive motor, combined with a high-strength chassis structure designed using mechanical engineering principles, enhances the overall vehicle performance and off-road capability.
3. The ergonomic long handle design allows operation with both hands, ensuring a safe distance between the vehicle and the operator.
4. The parking brake offers reliable performance, and its operation on slopes is smooth and effortless.
5. High-power lifting pump station that automatically reduces speed during descent to ensure smooth placement of the pallet.
6. Precisely matched maintenance-free high-capacity batteries and charging system ensure extended driving range.
7. The vehicle structure has been optimized to ensure structural reliability while facilitating maintenance and servicing.

The compact body design, combined with an extended handle, allows operation with either both hands or one hand, ensuring a safe distance between the operator and the vehicle; the permanent magnet drive motor offers high efficiency and smooth starting performance. Rated load: 1,000/1,500 kg; lifting range: 1,600–3,500 mm.

Compact body with long tiller arm for one- or two-hand operation at a safe distance. Efficient permanent-magnet drive motor. Rated load 1000/1500 kg, lift 1600–3500 mm.

Applications and Operating Conditions / Applications

Its compact design enables flexible operation in confined spaces, and when used with pallets, it can significantly enhance warehouse operational efficiency. It is suitable for use in factory workshops, warehouses, distribution centers, and delivery hubs.

The compact body works nimbly in tight spaces and, with pallets, raises warehouse efficiency. Used in factory workshops, warehouses, distribution and delivery centres.

Pallet Selection

Applicable to: Nine-leg / Chuan-shaped / Single-sided shapes Not applicable to: Double-sided / Square

Suitable: 9-leg / Cross-shaped / Single-sided · Not suitable: Double-sided / Square-shaped

Compatible pallets: nine-leg / cross-shaped / single-sided pallets

Pallets: 9-leg / Chuan / single-face pallets

1000 / 1500kg Rated Load	3500mm Lift Height (max)	2300mm Aisle Width	1520mm Turning Radius	550 / 600kg Vehicle Gross Weight / Service Weight
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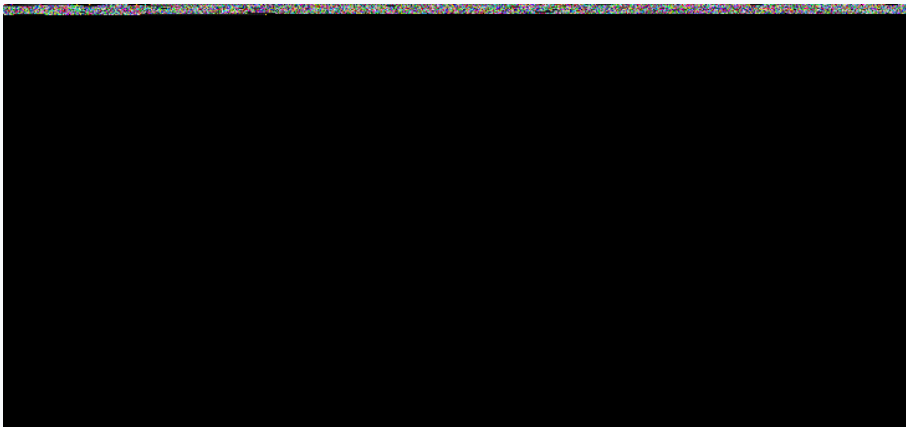
CDDP Technical Specifications

Technical Specifications

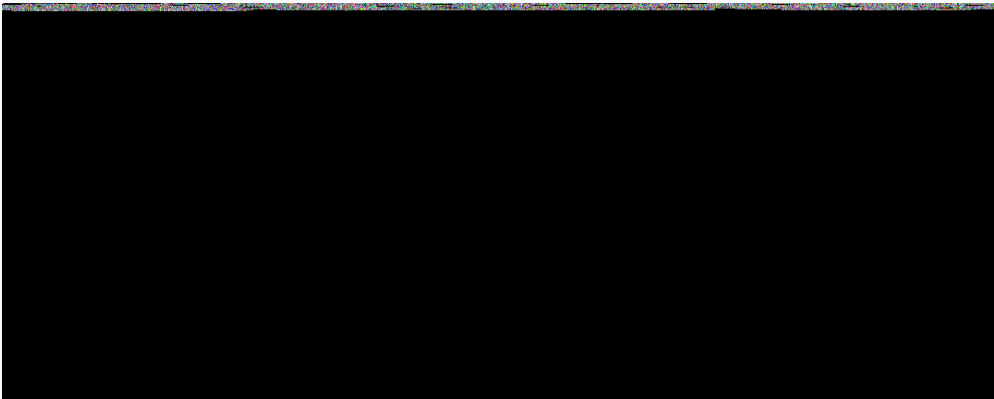
Walk-type fully electric stacker truck (compact chassis)

Specified load	Q(kg)	1000 / 1500	Channel width: 800×1200	Ast(mm)	2300
Load center	C(mm)	500	Channel width: 1000×1200	Ast(mm)	2360
Driving Mode	—	Walk-type	Conduct oneself with dignity	kg	550 / 600
Maximum height of lift	H(mm)	1600/2000/2500/3000/3500	External dimensions (L × W × H)	mm	1840 × 820 × 1530 (frame retracted)
Minimum fork height	H1(mm)	88	Running speed	km/h	3~5
Overall vehicle height at rest	H4(mm)	2080/1530/1780/2030/2280	Lifting/lowering speed	m/s	0.08~0.13 / 0.1~0.13
Maximum working height	H5(mm)	2080/2485/2985/3485/3985	Incline	%	4~6
Outer width of the fork	E(mm)	680	Drive wheel / Load-bearing wheel	mm	210×70 / 80×70
Cartoon length	L(mm)	1150	Balance wheel	mm	130×55
Cartoon thickness/width	H3/B1(mm)	55 / 160	Travel/hoisting motor	kW	DC0.75 / DC2.2
Overall vehicle length	A(mm)	1840	Cell	V/Ah	24V (80Ah / 12V × 2; capacity available as an optional feature)
Width over sides of car body	B(mm)	820	Brake/Controller	—	Electromagnetic Brake / CURTIS 1212P
Minimum turning radius	Wa(mm)	1520			

Outline & Dimensions· Unit: mm



Load Capacity Chart



explain: The dimensional drawings are for illustrative purposes only; the actual dimensions shall be subject to the physical product. The load capacity varies with the lifting height and the load center; a safety margin of 15%–20% is reserved when selecting the appropriate model. Batteries are optional, and the charging plug shall comply with the requirements of the target country. Any changes to the parameters will not be communicated separately.



01 Advance 220 mm	02 Five-stage lifting mechanism	03 Narrow-aisle operations	04 48V system	05 Mechanical steering	06 Compact body design
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Features & Details

1. **Forward shift by 220 mm:** reduces the required space for loading and unloading goods
2. **Five-stage lifting:**1600–3500 mm, optional based on requirements
3. **Narrow-channel operation:** turning radius 1450 mm
4. **48V System:**65Ah×4, smooth power delivery
5. **Mechanical steering:** simple structure and low maintenance costs
6. **Compact body:** Capable of accessing both truck and trailer cargo compartments as well as elevators

The walk-behind stacker features a forklift arm capable of extending up to 220 mm, and supports both double-sided pallets for loading and unloading; its compact chassis makes it ideal for operation in narrow aisles and for loading/unloading operations with trucks. The rated load capacity is 1,000 kg, with a lifting range of 1,600–3,500 mm and five selectable speed settings.

Walkie reach stacker with 220 mm fork reach for double-face pallets. Compact body for narrow aisles and truck loading. Rated load 1000 kg, lift heights 1600–3500 mm.

Applications and Operating Conditions / Applications

The Walk-Behind Stacker Features a Forward-Extending Fork for Picking Goods, Making It Suitable for Operations in Narrow Aisle Racking Systems and Medium-Distance Pallet Handling.

A walkie reach stacker with a forward-reaching fork, for narrow-aisle racking and medium-distance pallet transfer.

Pallet Selection

Applicable to: Nine-leg / Chuan-shaped

Not applicable: Double-sided / Grid pattern

Suitable: 9-leg / cross-shaped / Not suitable: double-sided / grid-shaped

Compatible pallets: nine-leg / cross-shaped / single-sided pallets

Pallets: 9-leg / Chuan / single-face pallets

1000kg Rated Load	3500mm Lift Height (max)	2660mm Aisle Width	1450mm Turning Radius	1500kg Vehicle Gross Weight / Service Weight
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CQD10B Technical Specifications

Walk-type forward-tilting stacker

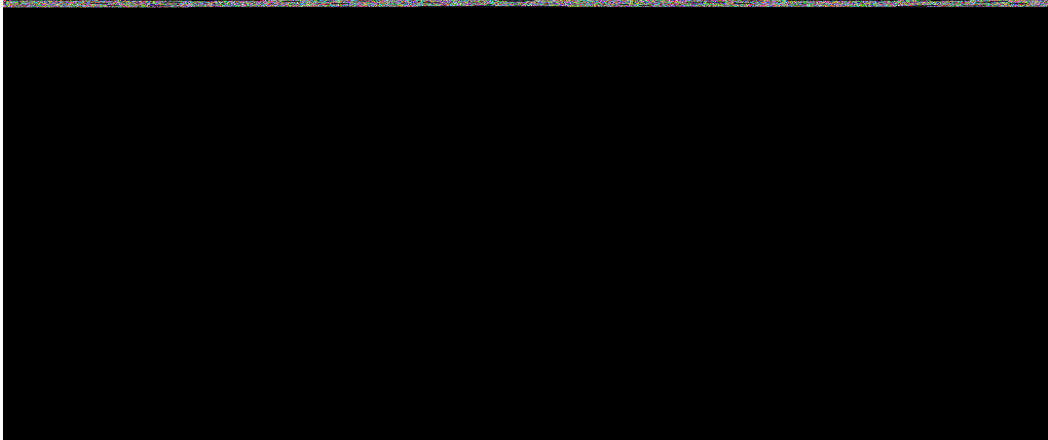
specified load	Q(kg)	1000
Load center	C(mm)	500
Forward distance	M(mm)	220
Driving Mode	—	Walk-type
Steering mode	—	Mechanical steering
Lifting altitude	H(mm)	1600/2000/2500/3000/3500
Boom retraction height	H1(mm)	2080/1580/1830/2080/2330
Maximum height of the gantry	H2(mm)	2080/2540/3040/3540/4040
Minimum fork height	H3(mm)	65
Length of wagon	A(mm)	2350
Width over sides of car body	B(mm)	1015
Cartoon length	L(mm)	1070
Outer width of the fork	E(mm)	680

Turning radius	Wa(mm)	1450
Channel width: 1000×1200	Ast(mm)	2660
Channel width: 800×1200	Ast(mm)	2610
Conduct oneself with dignity	kg	1500
External dimensions (L × W × H)	mm	2350 × 1015 × 1580 (frame in retracted position)
Running speed	km/h	4~5
Lifting/lowering speed	m/s	0.07~0.15 / 0.08~0.15
Incline	%	3~5
Load-bearing wheel / Drive wheel	mm	φ210×85 / φ210×70
Travel/hoisting motor	kW	DC1.0 / DC2.2
Cell	V/Ah	48V (12V × 65Ah × 4; capacity available as an optional feature)
Braking	—	Electromagnetic braking
Controller	—	PVM48S05

Outline & Dimensions Unit: mm

Side View (generated from parameter table; unit: mm)Top View

Load Capacity Chart



explain: The dimensional drawings are for illustrative purposes; the actual dimensions shall be subject to the physical product. The load capacity varies with the lifting height and the load center; a safety margin of 15%–20% is reserved when selecting the appropriate model. Batteries are optional, and the charging plug shall comply with the requirements of the target country. Any changes to the parameters will not be communicated separately.



01	02	03	04	05	06
1.3 Rated Load: X Tons	Advance 320 mm	Five-stage lifting mechanism	100Ah × 4 batteries	Turning radius: 1550 mm	Mechanical steering

Features & Details

1. **1.3 t rated load:** rated load 1,300 kg
2. **Forward shift by 320 mm:** increases the distance between loading and unloading
3. **Five-stage lifting:**1600–3500 mm
4. **100Ah×4 battery pack:** extended battery life and reduced battery swaps
5. **Turning radius: 1550 mm** —compact and maneuverable in narrow spaces
6. **Mechanical steering:** durable and robust, with hassle-free maintenance

Enhanced Forward-Stepping Pallet Jack: Rated load increased to 1,300 kg, forward reach extended to 320 mm, equipped with a 12V 100Ah ×4 battery pack, enabling extended operational runtime. Ideal for warehouse environments with high storage density and diverse pallet specifications.

Upgraded walkie reach stacker: rated load 1300 kg with 320 mm reach and 12V100Ah×4 battery pack for longer shifts. Ideal for dense warehouses with mixed pallet types.

Applications and Operating Conditions / Applications

Walk-Type Forklift With a Forward Reach of 320 Mm, Suitable for Narrow-Aisle Shelving Operations and Medium-Distance Pallet Handling.

A walkie reach stacker with 320 mm reach, for narrow-aisle racking and medium-distance pallet transfer.

Pallet Selection

Applicable to: Nine-leg / Chuan-shaped

Not applicable: Double-sided / Grid pattern

Suitable: 9-leg / cross-shaped · Not suitable: double-sided / grid-shaped

Compatible pallets: nine-leg / cross-shaped / single-sided pallets

Pallets: 9-leg / Chuan / single-face pallets

1300kg	3500mm	2760mm	1550mm	1600kg
Rated Load	Lift Height (max)	Aisle Width	Turning Radius	Vehicle Gross Weight / Service Weight

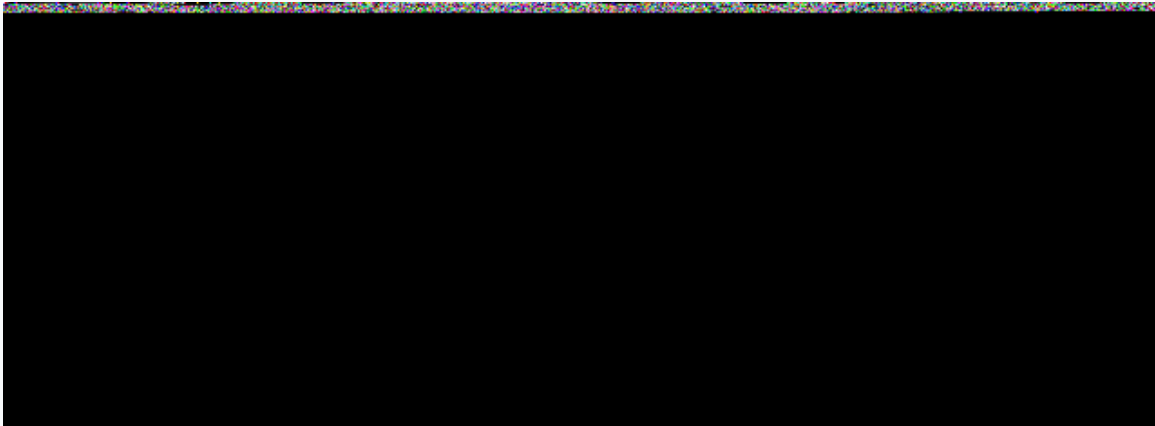
QGD13B Technical Specifications

Walk-type forward-tilting stacker

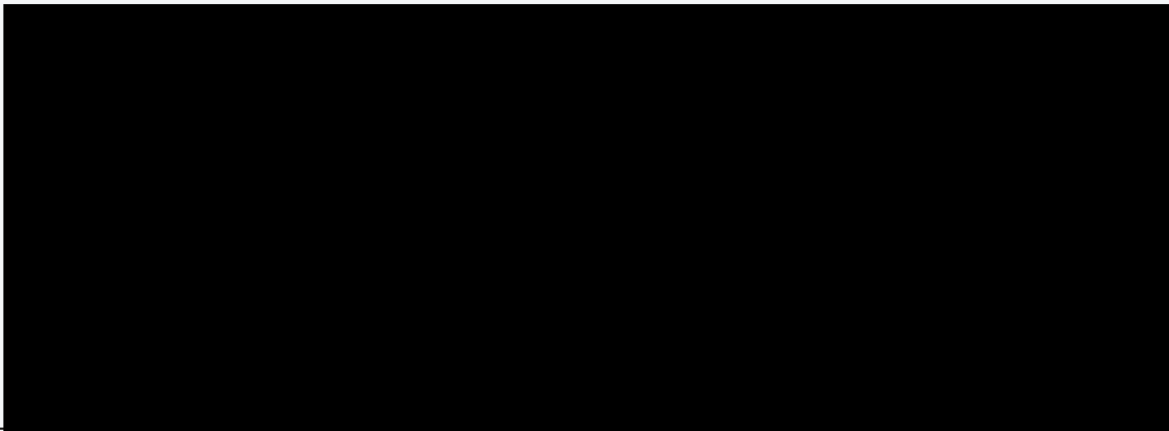
specified load	Q(kg)	1300
Load center	C(mm)	500
Forward distance	M(mm)	320
Driving Mode	—	Walk-type
Steering mode	—	Mechanical steering
Lifting altitude	H(mm)	1600/2000/2500/3000/3500
Boom retraction height	H1(mm)	2080/1580/1830/2080/2330
Maximum height of the gantry	H2(mm)	2080/2540/3040/3540/4040
Minimum fork height	H3(mm)	65
Length of wagon	A(mm)	2450
Width over sides of car body	B(mm)	1015
Cartoon length	L(mm)	1070
Outer width of the fork	E(mm)	680

Turning radius	Wa(mm)	1550
Channel width: 1000×1200	Ast(mm)	2760
Channel width: 800×1200	Ast(mm)	2710
Conduct oneself with dignity	kg	1600
External dimensions (L × W × H)	mm	2450 × 1015 × 1580 (frame retracted)
Running speed	km/h	4~5
Lifting/lowering speed	m/s	0.07~0.15 / 0.08~0.15
Incline	%	3~5
Load-bearing wheel / Drive wheel	mm	φ210×85 / φ210×70
Travel/hoisting motor	kW	DC1.0 / DC2.2
Cell	V/Ah	48V (12V × 100Ah × 4; capacity available as an optional feature)
Braking	—	Electromagnetic braking
Controller	—	PVM48S05

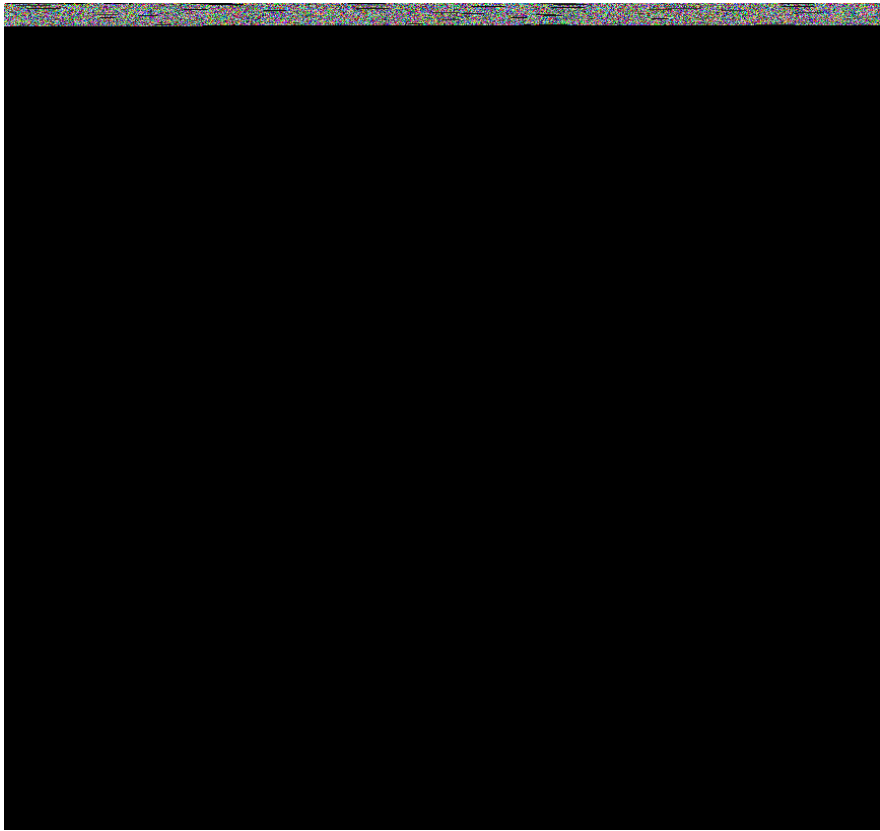
Outline & Dimensions· Unit: mm



Load Capacity Chart



explain: The dimensional drawings are for illustrative purposes only; the actual dimensions shall be subject to the physical product. The load capacity varies with the lifting height and the load center; a safety margin of 15%–20% is reserved when selecting the appropriate model. Batteries are optional, and the charging plug shall comply with the requirements of the target country. Any changes to the parameters will not be communicated separately.



01	02	03	04	05	06
Non-supporting leg design	The fork is 70 mm off the ground.	Three load ratings available	Forged fork	MOS Variable Speed Control	48V/120Ah

Features & Details

Features & Details

1. Unsupported leg design:

Dual-sided, grid-shaped tray for direct operation

2. Fork height above ground: 70 mm:

Smooth loading and unloading of trucks, trailers, and containers

3. Three load options available:

1000 / 1500 / 2000 kg

4. Forged fork:

length 1070 mm, adjustable width up to 700 mm

5. MOS infinite speed regulation:

smooth start and acceleration

6. 48V/120AH:

Lithium-ion battery range performance

Features a non-supported leg counterweight design, compatible with double-sided, "field" pattern, and "river" pattern pallets; designed for standing operation, with the fork positioned only 70 mm above the ground, ensuring smooth loading and unloading of trucks and containers. Rated load: three levels (1000/1500/2000 kg); lifting range: 1600–3000 mm.

Outrigger-free counterbalanced design works with double-face, grid and Chuan pallets. Stand-on operation, forks lower to 70 mm for easy truck/container entry. Rated load 1000/1500/2000 kg, lift 1600–3000 mm.

Applications and Operating Conditions / Applications

Featuring a Design With No Support Legs and a Counterweight System, This Unit Is Compatible With Both Dual-Sided and U-Shaped Pallets, Making It Suitable for Truck Loading and Unloading, Rack Stacking, and Operational Scenarios Where Support Legs Cannot Be Deployed.

An outrigger-free counterbalanced design that works with both double face and Chuan-type pallets. Suitable for truck loading, rack stacking and applications where outriggers cannot enter.

Pallet Selection

Applicable to: Nine-leg / Cross-shaped / Double-sided / Square shaped

Suitable: Nine-leg / Cross-shaped / Double-sided / Square-shaped

Compatible pallets: 9-leg / cross-shaped / double-sided / grid-shaped pallets

Pallets: 9-leg / Chuan / double-face / grid pallets

1000–2000kg

Rated Load

3000mm

Lift Height (max)

3510mm

Aisle Width

2300mm

Turning Radius

1900kg

Vehicle Gross Weight / Service Weight

Optional configurations

Gantry and lifting · Fork and attachments · Battery and charging · Chassis and markings

Delivery and Documentation

Random Documents · Packaging · Quality Assurance & Spare Parts · Export Services

For a complete explanation, see page 37.

Taizhou Worui Warehousing and Logistics Equipment Co., Ltd. Taizhou Worui Warehousing and Logistics Equipment Co., Ltd.

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CQD-Q Technical Parameters: Range (Klls ƒcdfiaNoM)

Legless counterweight for forward-shifted stacker

Specified load	Q(kg)	1000 / 1500 / 2000	Channel width: 1000×1200	Ast(mm)	3510
Load center	C(mm)	500	Self-weight	kg	1900
Driving Mode		Stationary	Operating speed (loaded / unloaded)	km/h	5.4 / 5.6
Steering mode		Machine rotation	Lifting speed (full load / no load)	mm/s	70 / 90
Lift height	H(mm)	1600/2000/2500/3000	Maximum grade of climb	%	6
Overall vehicle height (lowest point of the load fork)	mm	2080/1580/1830/2080	Drive wheel / Support wheel	mm	250×80 / 210×85
Overall vehicle height (maximum reach of the fork)	mm	2080/257/3080/3580	Balance wheel	mm	125×50
Height of the forklift above the ground	mm	70 (Customizable)	Travel/hoisting motor	kW	1.5 / 2.2
Overall vehicle length (retracted/extended)	mm	2880 / 3280	Battery	V/Ah	48 /120 (capacity available as an optional feature)
Overall vehicle width	mm	1120	Mode of speed regulation	—	Mos Variable Speed Control
Cart length	mm	1ƒ70 (Forged fork, customizable)	Brake Controller	—	Electromagnetic braking CURTIS
Cart width	mm	100 (Customizable)	Channel width: 800×1200	Ast(mm)	3450
Maximum outer width of the forklift	mm	700			
Turning radius	Wa(mm)	2300	Dimensions (Length × Width × Depth)	mm	2880 × 1120 × 1580 (frame retracted)

Outline dimension drawing O1"Hine! & Dimensions · Unit: mm

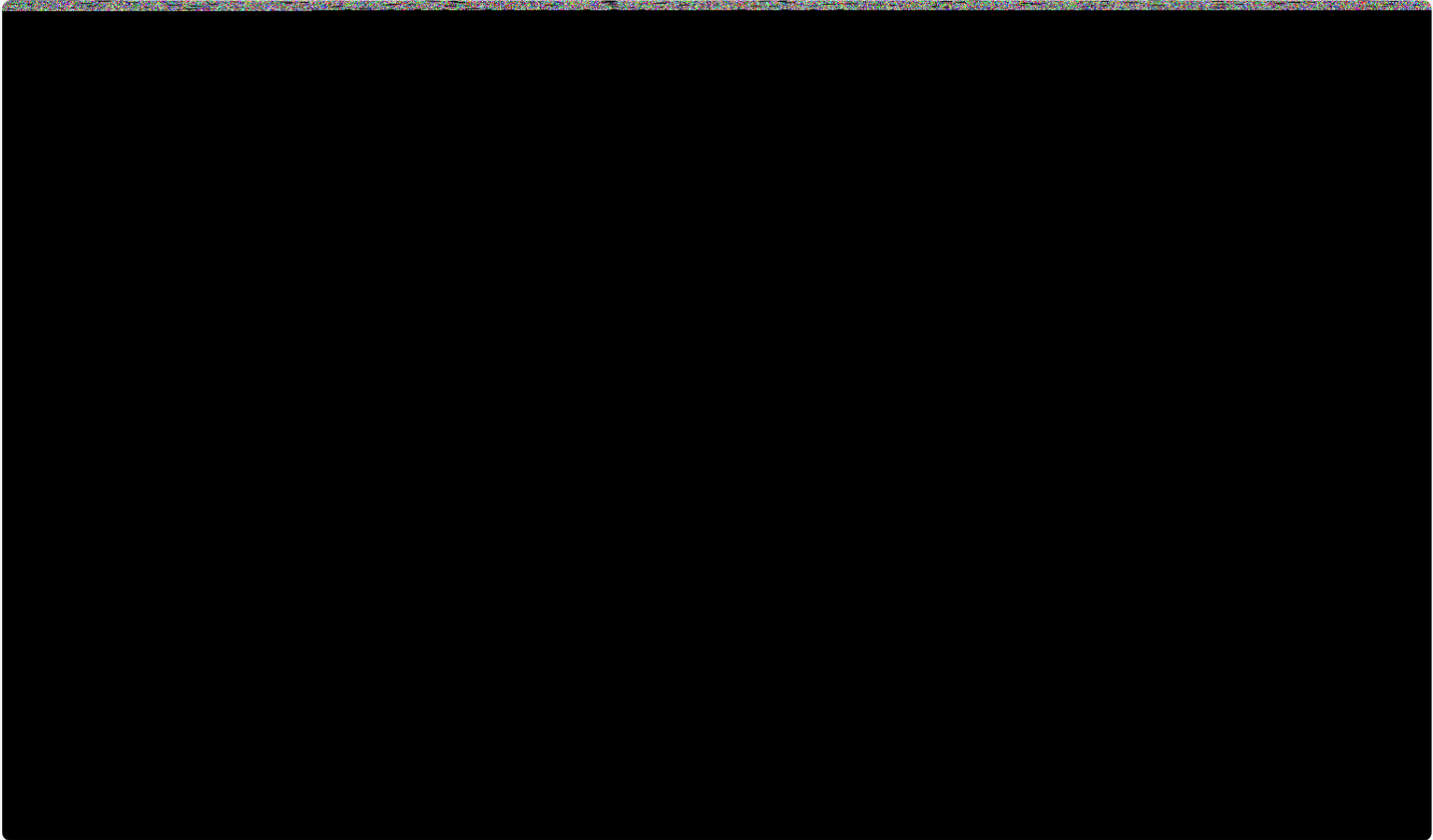
Figure 1-1

Load Capacity Chart



Note: The dimensioning diagram is for illustrative purposes only; the actual dimensions shall be subject to the physical product. The load capacity varies with the lifting height and the load center; a safety margin of 15%–20% is reserved when selecting the appropriate model. Batteries are optional; the charging plug shall comply with the requirements of the target country. Any changes to the parameters will not be communicated separately.

Choice



01 Rated capacity: 1000 kg	02 Turning radius: 1360 mm	03 Five-stage lifting mechanism	04 Adjustable fork width	05 1.6 KW Booster Pump Station	06 No charging anxiety
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Features & DetailsFeatures & Details

1. The frame and body are constructed from Baosteel steel, offering a high safety factor and superior load-bearing capacity to ensure vehicle stability and safety.

2. The housing is made of ABS engineering plastic, offering durability, resistance to external impact, and easy replacement.

3. The steering system employs a linked-linkage design, ensuring that the vehicle remains lightweight and agile even under heavy loads.

4. The support legs have been thickened and reinforced to enhance the overall vehicle safety.

5. Equipped with a 1.6 kW high-power lifting pump station to reduce lifting time; it automatically decelerates during heavy-load descent, ensuring smooth placement of the pallet.

6. The high-capacity power battery can operate continuously at full load for 3.5–4 hours.

This semi-electric stacker features manual operation and electric lifting, has a compact body design with a turning radius of 1,360 mm, and is capable of operating in ship cabins, cargo wagons, and containers. The lifting pump station is equipped with a 12V/120Ah battery, enabling continuous full-load operation for 3.5–4 hours. The rated load capacity is 1,000 kg, with a lifting range of 1,600–3,500 mm.

Manual travel with electric lift. Compact body and 1360 mm turning radius for ship holds, trucks and containers. 12V/120Ah battery supports 3.5–4 h of full-load lifting. Rated load 1000 kg, lift 1600–3500 mm.

Applications and Operating Conditions / Applications

Compact in size and highly maneuverable, this equipment is ideal for operations in narrow aisles, elevated warehouses, and confined spaces. It can be deployed in factory workshops, warehouses, distribution centers, logistics hubs, ports, stations, airports, freight yards, and other similar environments; it can also be used inside ship cabins, railway carriages, and shipping containers for the loading and unloading of palletized goods.

Small in size and agile in turning, suited to narrow aisles, high-bay warehouses and confined spaces. Used in factory workshops, warehouses, distribution and delivery centres, ports, stations, airports and freight yards; can also enter ship holds, truck bodies and containers for palletised loading work.

Pallet Selection

Applicable to: Nine-leg / Chuan-shaped

Not applicable: Double-sided / Grid pattern

Suitable: 9-leg / cross-shaped · Not suitable: double-sided / grid-shaped

Compatible pallets: 9-leg / cross-shaped pallets

Pallets: 9-leg / Chuan pallets

1000kg Rated Load	3500mm Lift Height (max)	2130mm Aisle Width	1360mm Turning Radius	350~380kg Vehicle Gross Weight / Service Weight
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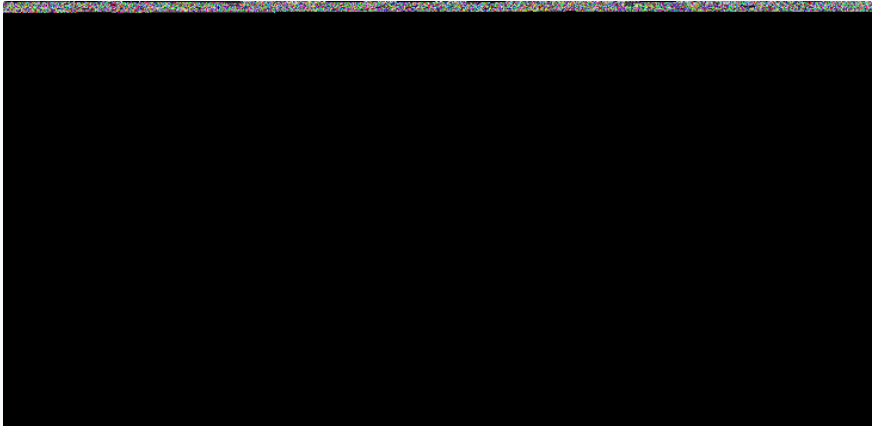
DYC10 Technical Specifications

Technical Specifications

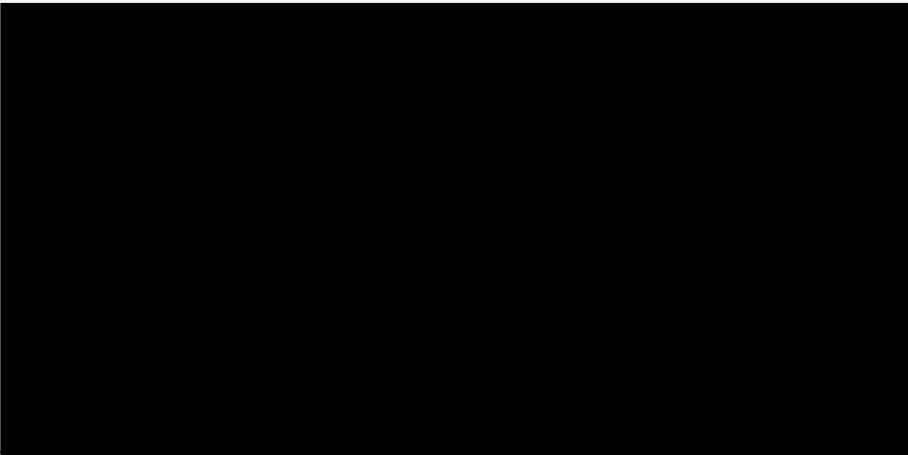
Semi-electric stacker truck (1,000 kg)

Specified load	Q(kg)	1000	Turning radius	Wa(mm)	1360
Load center	C(mm)	500	Channel width: 800×1200	mm	2130
Driving Mode	—	Manual operation + electric lift	Channel width: 1000×1200	mm	2190
Lifting altitude	H(mm)	1600/2000/2500/3000/3500	Conduct oneself with dignity	kg	350~380
Boom retraction height	H1(mm)	2065/1580/1830/2080/2330	External dimensions (L × W × H)	mm	1690 × 790 × 1580 (frame in retracted position)
Maximum height of the gantry	H2(mm)	2065/2535/3035/3535/4035	Lifting/lowering speed	m/s	0.08~0.15
Minimum fork height	H3(mm)	88	Boost motor	V/kW	12 / 1.5
Cartoon length	L(mm)	1000 / 1150	Cell	V/Ah	12 / 120 (capacity available as an optional feature)
Total fork width (adjustable)	E(mm)	320~680	Charger	V/A	12 / 15
Overall length	A(mm)	1690 / 1840	Controller	—	None (manual driving)
Overall bandwidth	B(mm)	790 / 900	Incline	%	3 (Manual pushing, based on ground conditions)
Minimum ground clearance	mm	30			

Outline & Dimensions Unit: mm



Load Capacity Chart



explain: The dimensional drawings are for illustrative purposes only; the actual dimensions shall be subject to the physical product. The load capacity varies with the lifting height and the load center; a safety margin of 15%–20% is reserved when selecting the appropriate model. Batteries are optional, and the charging plug shall comply with the requirements of the target country. Any changes to the parameters will not be communicated separately.



01 Rated load: 1500 kg	02 Turning radius: 1360 mm	03 Five-stage lifting mechanism	04 Adjustable fork width	05 1.6 KW Booster Pump Station	06 No charging anxiety
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Features & Details

1. The frame and body are constructed from Baosteel steel, offering a high safety factor and superior load-bearing capacity to ensure vehicle stability and safety.
2. The housing is made of ABS engineering plastic, offering durability, resistance to external impact, and easy replacement.
3. The steering system employs a linked-linkage design, ensuring that the vehicle remains lightweight and agile even under heavy loads.
4. The support legs have been thickened and reinforced to enhance the overall vehicle safety.
5. Equipped with a 1.6 kW high-power lifting pump station to reduce lifting time; it automatically decelerates during heavy-load descent, ensuring smooth placement of the pallet.
6. The high-capacity power battery can operate continuously at full load for 3.5–4 hours.

This semi-electric stacker features manual operation and electric lifting, has a compact body design with a turning radius of 1,360 mm, and is capable of operating in ship cabins, cargo compartments, and containers. The lifting pump station is equipped with a 12V/120Ah battery, enabling continuous full-load operation for 3.5–4 hours. The rated load capacity is 1,500 kg, with a lifting range of 1,600–3,500 mm.

Manual travel with electric lift. Compact body and 1360 mm turning radius for ship holds, trucks and containers. 12V/120Ah battery supports 3.5–4 h of full-load lifting. Rated load 1500 kg, lift 1600–3500 mm.

Applications and Operating Conditions / Applications

Compact in size and highly maneuverable, this equipment is ideal for operations in narrow aisles, elevated warehouses, and confined spaces. It can be deployed in factory workshops, warehouses, distribution centers, logistics hubs, ports, stations, airports, freight yards, and other similar environments; it can also be used inside ship cabins, railway carriages, and shipping containers for the loading and unloading of palletized goods.

Small in size and agile in turning, suited to narrow aisles, high-bay warehouses and confined spaces. Used in factory workshops, warehouses, distribution and delivery centres, ports, stations, airports and freight yards; can also enter ship holds, truck bodies and containers for palletised loading work.

Pallet Selection

Applicable to: Nine-leg / Chuẩn-shaped Not applicable: Double-sided / Grid pattern

Suitable: 9-leg / cross-shaped · Not suitable: double-sided / grid-shaped

Compatible pallets: 9-leg / cross-shaped pallets

Pallets: 9-leg / Chuan pallets

1500 kg Rated Load	3500 mm Lift Height (max)	2130 mm Aisle Width	1360 mm Turning Radius	400~430 kg Vehicle Gross Weight / Service Weight
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Optional configurations

Gantry and lifting · Fork and attachments · Battery and charging · Chassis and markings

Delivery and Documentation

Random Documents · Packaging · Quality Assurance & Spare Parts · Export Services

For a complete explanation, see page 37.

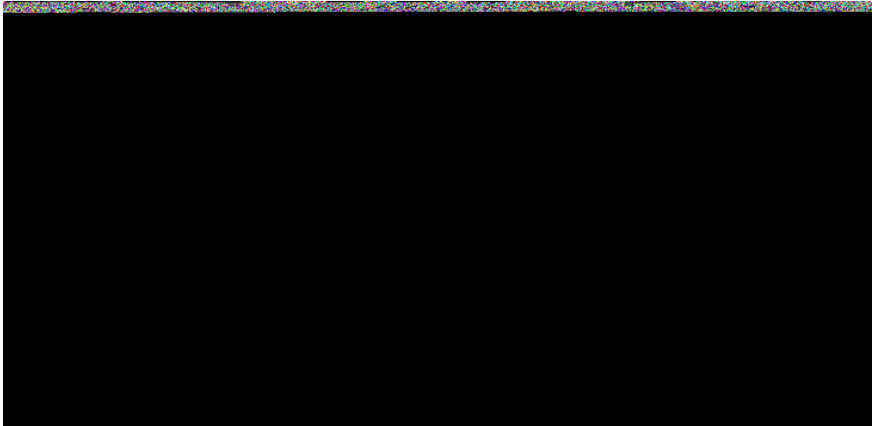
DYC15 Technical Specifications

Technical Specifications

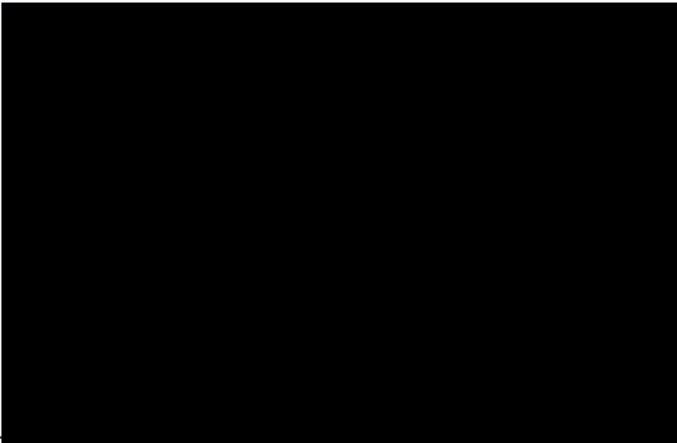
Semi-electric stacker truck (1500 kg)

Specified load	Q(kg)	1500	Turning radius	Wa(mm)	1360
Load center	C(mm)	500	Channel width: 800×1200	mm	2130
Driving Mode	—	Manual operation + electric lift	Channel width: 1000×1200	mm	2190
Lifting altitude	H(mm)	1600/2000/2500/3000/3500	Conduct oneself with dignity	kg	400~430
Boom retraction height	H1(mm)	2065/1580/1830/2080/2330	External dimensions (L × W × H)	mm	1690 × 790 × 1580 (frame in retracted position)
Maximum height of the gantry	H2(mm)	2065/2535/3035/3535/4035	Lifting/lowering speed	m/s	0.08~0.15
Minimum fork height	H3(mm)	88	Boost motor	V/kW	12 / 1.5
Cartoon length	L(mm)	1000 / 1150	Cell	V/Ah	12 / 120 (capacity available as an optional feature)
Total fork width (adjustable)	E(mm)	320~680	Charger	V/A	12 / 15
Overall length	A(mm)	1690 / 1840	Controller	—	None (manual driving)
Overall bandwidth	B(mm)	790 / 900	Incline	%	3 (Manual pushing, based on ground conditions)
Minimum ground clearance	mm	30			

Outline & Dimensions Unit: mm



Load Capacity Chart

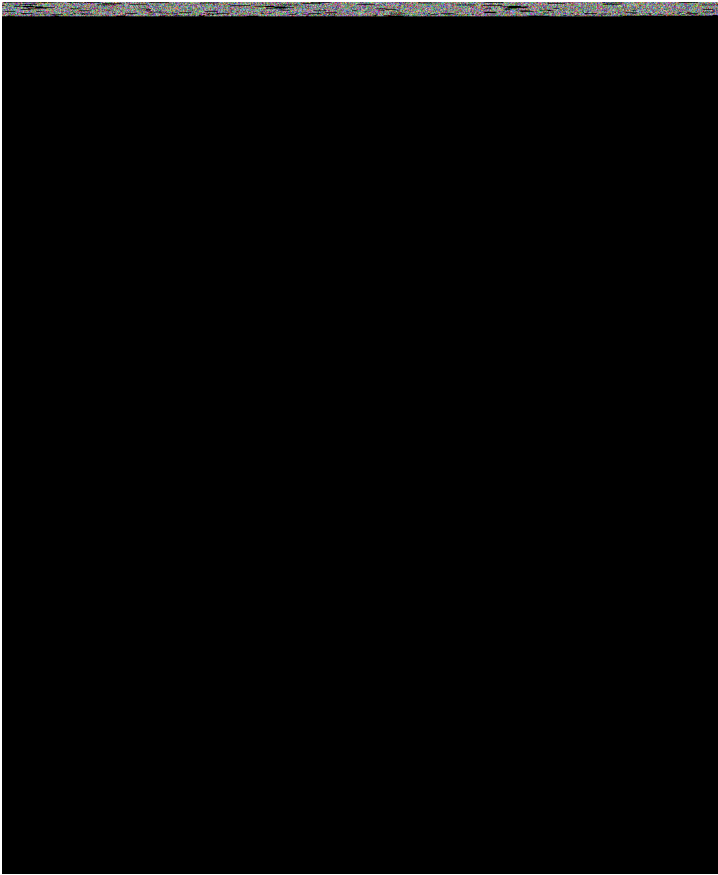


explain: The dimensional drawings are for illustrative purposes only; the actual dimensions shall be subject to the physical product. The load capacity varies with the lifting height and the load center; a safety margin of 15%–20% is reserved when selecting the appropriate model. Batteries are optional, and the charging plug shall comply with the requirements of the target country. Any changes to the parameters will not be communicated separately.

Station-mounted fully electric stacker truck (non-standard customization)

Stand-on Stacker (Custom Build)

Customization on Demand · Compatible With Installation Across Various Vehicle Models



01	02	03	04	05	06
Customized Non-standard Solutions	Vehicle Modification	Standard Platform	Vehicle width: 795 mm	24V/120Ah	CURTIS 1212P

Features & Details

Customized versions based on the CDDN15 platform: fork dimensions, mast height, and turning structure can all be customized according to order requirements; these versions are also suitable for installation on a wide range of vehicle models. The standard platform has a rated load capacity of 1,500 kg and a lifting range of 1,600–3,500 mm; specific customization options are subject to confirmation upon order placement.

Custom version based on the CDDN15 platform: fork size, mast height and steering structure built to order; also suitable for retrofitting onto various vehicles. Standard platform: 1500 kg, lift 1600–3500 mm.

- 1. Suitable for retrofitting on a wide range of vehicle models, and we accept various non-standard customizations.

Applications and Operating Conditions / Applications

Station-Mounted Stacker Trucks Customized According to the Customer's Operating Conditions Are Suitable for Special Pallet Specifications, Aisle Widths, and Lifting Height Requirements That Cannot Be Adequately Met by Standard Models.

A stand-on stacker built to the customer's operating conditions, for special pallet sizes, aisle widths and lift heights that standard models cannot cover.

Pallet Selection

Application: Customizable according to customer pallet specifications

Suitable: Customized according to customer pallet specifications

Compatible pallets: Compatible with custom-made pallets

Pallets: As per custom build

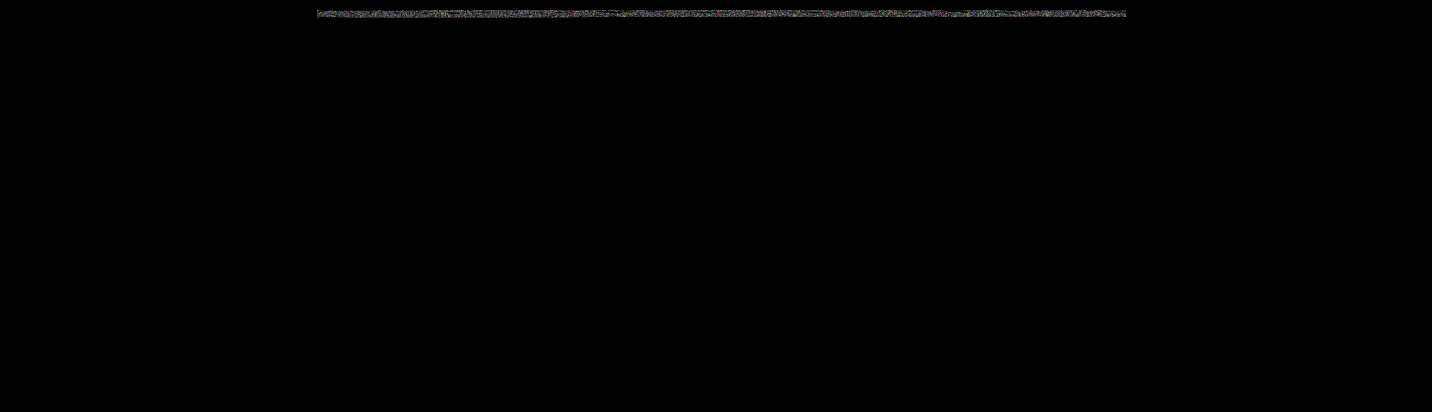
1500kg	3500mm	2340mm	1560mm	780-900kg
Rated Load	Lift Height (max)	Aisle Width	Turning Radius	Vehicle Gross Weight / Service Weight

CDDN15-C Technical Parameters: Ren Xiao (μls 卩 吡 ifiœelt 汨 ns)

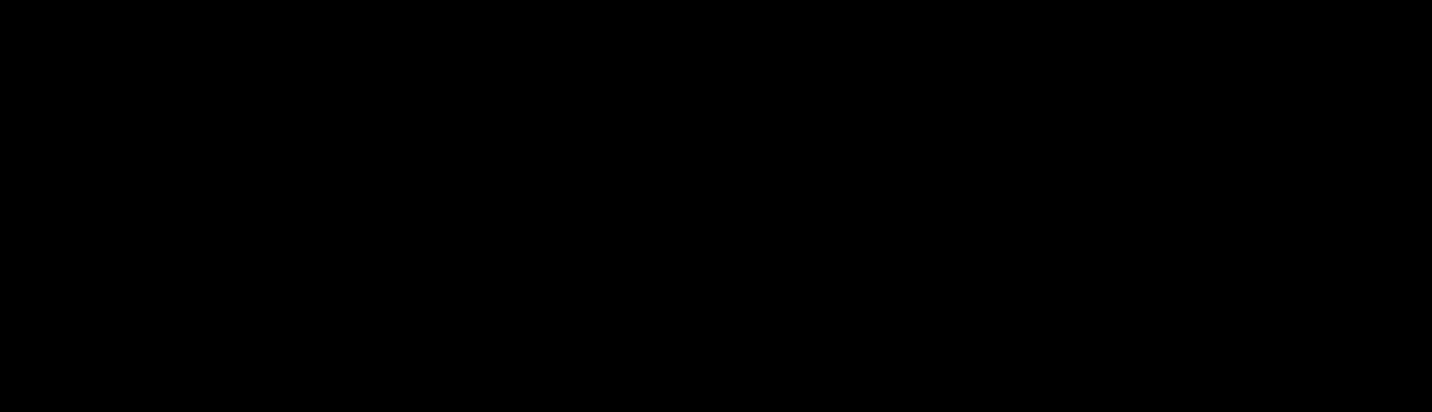
Station-mounted electric stacker (non-standard customization)

Specified load	Q(kg)	1500	Self-weight	kg	780/810/840/870/900
Load center	C(mm)	500	External dimensions (Length × Width × Depth)	mm	1150 × 795 × 1565 (frame retracted)
Maximum height of lift	H(mm)	1600/2000/2500/3000/3500	Running speed	km/h	3~5
Overall vehicle height at rest	H1(mm)	2065/1565/1815/2065/2315	Lifting/Lowering speed	m/s	0.07 in 0.13/0.1~0.13
Maximum working height	H2(mm)	2065/2535/3035/3535/4035	Incline	%	3~5
Width over sides of car body	B(mm)	795	Drive wheel / Load-bearing wheel	mm	Ø210×70 / Ø80×70
Cart trolley length / vehicle body length	mm	1,150 / 2,090 (adjustable based on order)	Travel/Lifting Electric Motor	kW	DC0.75 / DC2.2
Cart width /outer width	mm	160 / 680 (adjustable based on order)	Battery	V/Ah	24V (120Ah / 12V × 2; capacity available as an optional feature)
Turning radius	Wa(mm)	1560 (standard platform value)	Brake/Controller		Electromagnetic Brake / CIJRF IS 1212P
Channel width: 800×1200	Ast(mm)	2340 (standard platform value)			

Thallium Dimensions Diagram | Time! | Unit: mm



Load diagram Lc old d Capacity Cha:



Note: The dimensional drawings are schematic; the actual dimensions shall be subject to the physical product. The load capacity varies with the lifting height and the load center; when selecting the equipment, a safety margin of 15%–20% shall be reserved. Batteries are optional, and the charging plugs shall comply with the requirements of the target country. Any changes to the parameters will not be notified separately.

E1030GS / E1330GS / E1530GS

Three-point counterbalanced forklift 1.0 / 1.3 / 1.5 t

Electric Counterbalanced Forklift Truck (Three-Wheel, Sit-on)



1000 / 1300 / 1500

Q(kg)

Rated Load

3000 / 3000 / 3000

h3(mm)

Lift

1348 / 1348 / 1348

Wa(mm)

Turning Radius

1920 / 2180 / 2220

kg

Service Weight

24/300 / 24/350 / 24/400

(V/Ah)

Battery

Optional configurations Frame and hoisting · Fork and attachments · Battery and charging · Chassis and markings For complete details, see page 45

Features & Details Features & Details

01 Compact in size and lightweight, making it suitable for narrow passages. It features a large lifting height, high load capacity, and a small turning radius.

Compact and lightweight, suitable for narrow aisles. Features high lifting height, high load capacity, and a small turning radius.

03 Electronic power steering control system. It reduces the steering effort, ensuring light and responsive steering performance, thereby reducing driver fatigue.

Electric power steering system. Reduces the operating force on the steering wheel, making steering light and flexible, and reducing driver fatigue.

05 Variable wheelbase structural design, which enhances the stability of the forklift.

Variable wheelbase structural design. Makes the forklift more stable.

02 Wide-field gantry design. This provides the operator with an expansive field of vision, thereby enhancing operational efficiency and safety performance.

Wide-view mast design. Broadens the operator's field of vision, improving work efficiency and safety performance.

04 Adjustable steering wheel and seats, enabling users to select the optimal operating position to meet the needs of different operators.

Adjustable steering wheel and seat. Meet the needs of different operators, allowing them to choose the optimal operating position.

06 An optional full free-lift configuration is available, facilitating vehicle operation within containers and confined spaces.

Optional full free lift configuration. Facilitates operation in containers and low clearance areas.

E1030GS / E1330GS / E1530GS 三支点平衡重式叉车 技术参数 Technical Data

1.01	型号	Model	E1030GS	E1330GS	E1530GS
1.02	驱动方式	Power unit	电动(Electric)	电动(Electric)	电动(Electric)
1.03	操作方式	Operation	座驾式(Seated on)	座驾式(Seated on)	座驾式(Seated on)
0.04	额定载荷能力	Rated load capacity	Q(kg)	1300	1500
1.05	载荷中心距	Load centre	c(mm)	500	500
1.06	前悬距	Axle centre to fork face	x(mm)	235	170
1.07	轴距	Wheel base	y(mm)	1090	1090
1.08	自重(含电瓶)	Service weight with battery	kg	2180	2220
轮子、底盘Wheels/Tyres					
2.01	轮胎类型	Wheels type	聚氨酯/实心胎(PU/Solid)	聚氨酯/实心胎(PU/Solid)	聚氨酯/实心胎(PU/Solid)
2.02	驱动轮尺寸	Driving wheel size	Φ×w(mm)	Φ250×127	Φ250×127
2.03	承载轮尺寸	Bearing wheel size	Φ×w(mm)	Φ305×127	Φ305×127
2.04	车轮数量, 前轮/后轮(x=驱动轮)	Wheels,number front/rear(x=driven)	2/1x	2/1x	2/1x
2.05	前轮轮距	Track width	b10(mm)	783	783
2.06	后轮轮距	Track width	b11(mm)	0	0
尺寸Dimensions					
3.01	门架/货叉倾斜前倾/后倾	Mast/fork carriage tilt,forward/backward	a/b(°)	2/5	2/5
3.02	最低门架高度	Height of mast,lowered	h1(mm)	1995	1995
3.03	自由提升高度	Free lift	h2(mm)	135	135
3.04	提升高度	Lift	h3(mm)	3000	3000
3.05	门架最大高度	Height of mast,extended	h4(mm)	3949	3949
3.06	顶罩高度(驾驶室)	Height of overhead guard(cabin)	h6(mm)	1980	1980
3.07	座位高度	Height of seat/stand-on platform	h7(mm)	960	960
3.08	牵引耦合器高度范围	Towing coupling height	h10(mm)	450	450
3.09	整车长度	Overall length	l1(mm)	2530	2465
3.1	车体长度	Length to fork face	l2(mm)	1580	1515
3.11	整车宽度	Overall width	b1/b2(mm)	917	917
3.12	货叉尺寸	Fork dimensions	s/e/(mm)	35/100/950	35/100/950
3.13	货叉宽度	Width of fork carriage	b3(mm)	220-750	220-606
3.14	门架下方离地间隙	Ground clearance under mast	m1(mm)	90	90
3.15	轴距中心处离地间隙	Min.Ground clearance	m2(mm)	90	90
3.16	通道宽度: 1000×1200托盘 (1200跨货叉放置)	Aisle width with pallet 1000×1200 across forks	Ast(mm)	2930	2865
3.17	通道宽度: 800×1200托盘 (1200沿货叉放置)	Aisle width with pallet 800×1200 along forks	Ast(mm)	3038	2975
3.18	转弯半径	Min.Turning radius	Wa(mm)	1348	1348
性能Performance					
4.01	行走速度, 满载/空载	Travel speed,laden/unladen	(km/h)	6.2/7.2	6.2/7.2
4.02	提升速度, 满载/空载	Lifting speed,with/without load	(mm/s)	135/215	135/215
4.03	下降速度, 满载/空载	Lowering speed,with/without load	(mm/s)	238/225	238/225
4.04	最大爬坡度, 满载/空载	Maximum climbing ability,with/without load	(%)	6/10	4/10
4.05	制动类型	Service brake	电磁制动(Electromagnetic)	电磁制动(Electromagnetic)	电磁制动(Electromagnetic)
电机 Drive					
5.01	驱动电机功率	Drive motor,60 minute rating	(kW)	2.5	3
5.02	起升电机功率	Lift motor rating at S315%	(kW)	4.5	4.5
5.03	蓄电池电压/客量	Battery voltage/rated capacity	(V/Ah)	24/300	24/400
5.04	电池重量(±5%)	Battery weight(±5%)	(kg)	280	360
5.05	电瓶尺寸, 长/宽/高	Battery dimensions, L/W/H	(mm)	645/292/525	645/292/595
其它 Other					
6.01	驱动控制类型	Type of drive control	交流速度控制(AC)	交流速度控制(AC)	交流速度控制(AC)
6.02	噪音水平	Noise level at operator 's ear	(dB(A))	≤80	≤80
6.03	转向类型	Type of steering	电子助力(Electric)	电子助力(Electric)	电子助力(Electric)

轮廓尺寸图 Outline & Dimensions 单位 mm



载荷图 Load Capacity Chart 额定载荷中心 C=500mm



EGS12FD

三支点平衡重式叉车 1.2 t

Electric Counterbalanced Forklift Truck (Three-Wheel, Sit-on)



1200 Q(kg) Rated Load	3000 h3(mm) Lift	1430 Wa(mm) Turning Radius
1945 kg Service Weight	10/15 (mm/s) Gradeability	24/400 (V/Ah) Battery

可选配置 门架与起升 · 货叉与属具 · 电池与充电 · 车身与标识 完整说明见 P45

特点及细节 Features & Details

- 01

体积小、质量轻，适用于狭窄通道。具有高起升、高承载、转弯半径小等特点。
Compact and lightweight, suitable for narrow aisles. Features high lifting height, high load capacity, and a small turning radius.
- 02

电子助力转向操作系统。减轻方向盘上的操作力，使转向轻便灵活，减轻司机疲劳。
Electronic power steering system. Reduces the operating force on the steering wheel, making steering light and flexible, and reducing driver fatigue.
- 03

前桥驱动。动力强劲，效率高，电动机能得到更多的能量及更大的制动扭力，动力更强劲高效，加速性能更好，爬坡能力更强，确保车子在不平整的路面和斜坡上依然能平稳行驶。
Front axle drive. Strong power, high efficiency. The motor can obtain more energy and greater braking torque, resulting in more powerful and efficient performance, better acceleration, and stronger climbing ability, ensuring stable travel on uneven roads and slopes.
- 04

高性能 MOSFET 集成控制器。调速控制灵活精准，具有优异的调速性能、卓越的电机电控匹配性能；具有再生制动、反接制动、防下滑等功能，安全可靠。
High-performance MOSFET integrated controller. Provides superb flexibility and precise speed control, excellent speed regulation and motor-controller matching performance. It features regenerative braking, reverse braking, and anti-rollback functions, ensuring safety and reliability.
- 05

侧拉电池箱设计。更换电池更方便，便于连续作业。
Side-pull battery box design. Allows easy battery replacement, convenient for continuous operation.

EGS12FD 三支点平衡重式叉车 技术参数 Technical Data

1.01	型号	Model	EGS12FD
1.02	驱动方式	Power unit	电动(Electric)
1.03	操作方式	Operation	座驾式(Seated on)
1.04	额定载荷能力	Rated load capacity	Q(kg)1200
1.05	载荷中心	Load centre	c(mm)400
1.06	前悬距	Axle centre to fork face	x(mm)319
1.07	轴距	Wheel base	y(mm)1150
1.08	自重(含电瓶)	Service weight with battery	kg1945
轮子、底盘Wheels/Tyres			
2.01	轮胎类型	Wheels type	实心胎(Solid)
2.02	前轮规格	Driving wheel size	4.00-8
2.03	后轮规格	Bearing wheel size	3.50-5
2.04	车轮数量, 前轮/后轮(x=驱动轮)	Wheels,number front/rear(x=driven)	b10(mm)2×/2
2.05	前轮轮距	Track width	b11(mm)760
2.06	后轮轮距	Track width	185
尺寸Dimensions			
3.01	门架/货叉倾斜前倾/后倾	Mast/fork carriage tilt,forward/backward	a/b(°)5/8
3.02	门架缩回高度	Height of mast,lowered	h1(mm)1985
3.03	自由提升高度	Free lift	h2(mm)0
3.04	提升高度	Lift	h3(mm)3000
3.05	门架展开高度	Height of mast,extended	h4(mm)3917
3.06	护顶架高度	Height of overhead guard(cabin)	h6(mm)1975
3.07	座位高度	Height of seat/stand-on platform	h7(mm)950
3.08	整车长度	Overall length	l1(mm)2415
3.09	车体长度	Length to fork face	l2(mm)1645
3.1	整车宽度	Overall width	b1/b2(mm)872/860
3.11	货叉尺寸	Fork dimensions	s/e/l(mm)32/100/770
3.12	货叉宽度	Width of fork carriage	b3(mm)800
3.13	门架下方离地间隙	Ground clearance under mast	m1(mm)66
3.14	轴距中心处离地间隙	Min.Ground clearance	m2(mm)69
3.15	通道宽度: 1000×1200托盘(1200跨货叉放置)	Aisle width with pallet 1000×1200 across forks	Ast(mm)3080
3.16	通道宽度: 800×1200托盘(1200沿货叉放置)	Aisle width with pallet 800×1200 along forks	Ast(mm)2900
3.17	转弯半径	Min.Turning radius	Wa(mm)1430
性能Performance			
4.01	行走速度, 满载/空载	Travel speed,laden/unladen	07/09
4.02	提升速度, 满载/空载	Lifting speed,with/without load	(km/h)172/207
4.03	下降速度, 满载/空载	Lowering speed,with/without load	(mm/s)240/122
4.04	爬坡度, 满载/空载	Climbing ability,with/without load	(mm/s)10/15
4.05	制动类型	Service brake	(%)液压(Hydraulic)
电机 Drive			
5.01	驱动电机功率	Drive motor,60 minute rating	(kW)3
5.02	起升电机功率	Lift motor rating at S315%	(kW)4
5.03	蓄电池电压/客量	Battery voltage/rated capacity	(V/Ah)24/400
5.04	蓄电池重量(±5%)	Battery weight(±5%)	(kg)310
5.05	电瓶尺寸, 长/宽/高	Battery dimensions, L/W/H	(mm)745/320/532
其它 Other			
6.01	驱动控制类型	Type of drive control	交流速度控制(AC)
6.02	噪音水平	Noise level at operator's ear	(dB(A))≤70
6.03	转向类型	Type of steering	电子助力(Electric)

轮廓尺寸图 Outline & Dimensions 单位 mm



载荷图 Load Capacity Chart 额定载荷中心 C=400mm



E1630A / E1830A / E2030A / E2530A

四支点平衡重式叉车 1.6 / 1.8 / 2.0 / 2.5 t

Electric Counterbalanced Forklift Truck (Four-Wheel, Sit-on)



1600 / 1800 / 2000 / 2500

Q(kg)
Rated Load

3000 / 3000 / 3000 / 3000

h3(mm)
Lift

2080 / 2080 / 2200 / 2200

Wa(mm)
Turning Radius

2750 / 2990 / 4135 / 4230

kg
Service Weight

可选配置 门架与起升 · 货叉与属具 · 电池与充电 · 车身与标识 完整说明见 P45

特点及细节 Features & Details

- 01 体积小、质量轻，适用于狭窄通道，具有高起升、高承载、转弯半径小等特点。
Compact and Lightweight, Suitable for Narrow Aisles

03 可调节式的方向盘和座椅，能满足不同操作者的需求，选择合适的操作位置。
Adjustable Steering Wheel and Seat

05 座椅右侧安装有紧急断电开关，使驾驶员能迅速切断电源。
Emergency Power-Off Switch, Quick Power Cut-Off

07 护顶架左后侧立柱上设置了灭火器支架，避免了阻碍后视镜视线，灭火器位置高度易取，提示用户配置灭火器，提高消防意识，保护生命财产安全。
Fire Extinguisher Bracket on Overhead Guard
- 02 缓冲式起升油缸，在货物下降至接近地面时，油缸节流减速，增加了操作的安全性。
Buffer Lifting Cylinder, Enhanced Lowering Safety

04 新型大灯设计，美观牢固，在光线差的环境操作更加自如，提高夜间作业的安全性。
New Headlight Design, Improving Nighttime Safety

06 配置语音倒车报警器，车辆在倒档行驶时发出语音警报，声音清晰，工作稳定，提醒作业区域周边的工作人员注意安全。
Voice Reverse Alarm, Reminding Nearby Personnel

E1630A / E1830A / E2030A / E2530A 四支点平衡重式叉车 技术参数 Technical Data

1.01	型号	Model	E1630A	E1830A	E2030A	E2530A
0.02	驱动方式	Power unit	电动(Electric)	电动(Electric)	电动(Electric)	电动(Electric)
1.03	操作方式	Operation	座驾式(Seated on)	座驾式(Seated on)	座驾式(Seated on)	座驾式(Seated on)
1.04	额定载荷能力	Rated load capacity	Q(kg)1600	1800	2000	2500
1.05	载荷中心	Load centre	c(mm)500	500	500	500
L.06	前悬距	Axle centre to fork face	x(mm)411	411	488	488
0.07	轴距	Wheel base	y(mm)1410	1410	1518	1518
0.08	自重(含电瓶)	Service weight with battery	kg2750	2990	4135	4230
轮子、底盘Wheels/Tvres						
2.01	轮胎类型	Wheels type	实心胎(Pnaunatte Saolld)	实心胎(Pnaunatte Saolld)	实心胎(Pnaunatte Saolld)	实心胎(Pnaunatte Saolld)
2.02	前轮规格	D riving whe olsizo	6.5-10-10PR	6.5-10-10PR	7.00-12-12PR	7.00-12-12PR
0.03	后轮规格	Baaring wheelsize	5.0-8-14PR	5.0-8-14PR	18×7-8-14PR	18×7-8-14PR
2.04	车轮数量，前轮后轮(x=驱动轮)	W heels,number trontrear(x -driven)	2×/2	2×/2	2×/2	2×/2
0.05	前轮轮距	Track widtr	b10(mm)890	890	973	973
2.06	后轮轮距	Track width	bl1(mm)920	920	950	950
尺 Dimensions						
3	门集货叉倾斜前倾/后倾	M ast/fork carrlagetit,forw ardbackw ard	a/b(°)6/10	6/10	06/12	06/12
3.02L	门集缩回高度	Helght of mast,lowered	hi(mm)2000	2000	1995	1995
3.03	自由提升高度	Frselft	h2(mm)135	135	135	135
3.04	提升高度	Lift	h3(mm)3000	3000	3000	3000
0.05	门探展开高度	Height of mast,extendeded	h4(mm)3815	3815	3996	3998
3.06	护顶架高度	Hoight of overhead guard (cabin)	he(mm)2198	2198	2165	2165
0.07	座位高度	Helght ofseat/stand-on platform	h7(mm)1195	1195	1160	1160
3.08	牵引销高度	Towingcouplingheight	h10(mm)352	352	248	248
3.09	整车长度	Overalllength	l1(mm)3120	3120	3475	3475
3.1	车体长度	Langth to fork face	l2(mm)2170	2170	2405	2405
3.1	整车宽度	Overallwidth	b1/b2(mm)1080	1080	1194	1194
3.12	货叉尺寸	Fork dimensions	ele/l(mm)35/100/950	35/100/950	40/120/1070	40/120/1070
3.13	货叉宽度	Width offork cariage	b3(mm)920	920	1040	1040
3.14	门架下方离地间隙	Width d forks	m1(mm)115	115	110	110
3.15	辅距中心处离地间隙	Min.Ground clearance	m2(mm)125	125	128	128
16	通道宽度,1000x1200托盘(1200薄货叉放置)	Aisle width wtth pallet 1000×1200across forks	Ast(mm)4190	4190	3958	3958
0.17	通道宽度：800x1200托盘(200沿货叉放置)	Aisle width wtth palet 800×1200 along forks	A st(mm)4225	4225	4088	4088
3.18	转弯半径	Min.Turning radius	Wa(mm)2080	2080	2200	2200
性能Performance						
4.01	行走速度，满载空载	Travel apeedladen/unladen	(km/m)12/13	12/13	13/15	13/15
2	提升速度，满载/空载	ufting spood,withwithoutload	(mm/s)250/400	250/400	270/350	270/350
4.03	下降速度，满载空载肥	Lowering spoad,with/w itho ut load	(mm/ s)240/258	240/258	435/566	435/566
4.04	坡度，满载空载	climbing ablt,with Mwithout load	(%)12/15	12/15	15/16	15/16
4.05	创动类型	Service brake	液压自ydran le)	液压自ydran le)	液压自ydran le)	液压自ydran le)
电机Drive						
5.01	驱动电机功率	D rive mo tor,60 minute rating	(kw)6.5	7.5	11	11
502	起升电机功率	Uft motorrating at S315%	(w)7	7.7	12	12
5.03	曹电池电压容量	B attery voltagerated capacity	(N/Ah)48/385	48/420	48/490	48/580
5.04	电池重量(±5%)	B attery woight(±5%)	(kg)635	675	835	930
5.05	电瓶尺寸，长宽高	Powar consumption according to VDlcycle	(mm)765/650/500	765/650/500	1021/525/780	1021/525/780
其它Other						
6	驱动控制类型	Type of drive control	交流速度控制(AC)	交流速度控制(AC)	交流速度控制(AC)	交流速度控制(AC)
5.02	噪音水平	Noise level at operator'sear	(dB/A)≤70	≤70	≤70	≤70
6.03	转向类型	Type of steering	液压(Hydraulic)	液压(Hydraulic)	液压(Hydraulic)	液压(Hydraulic)

轮廓尺寸图 Outline & Dimensions 单位 mm



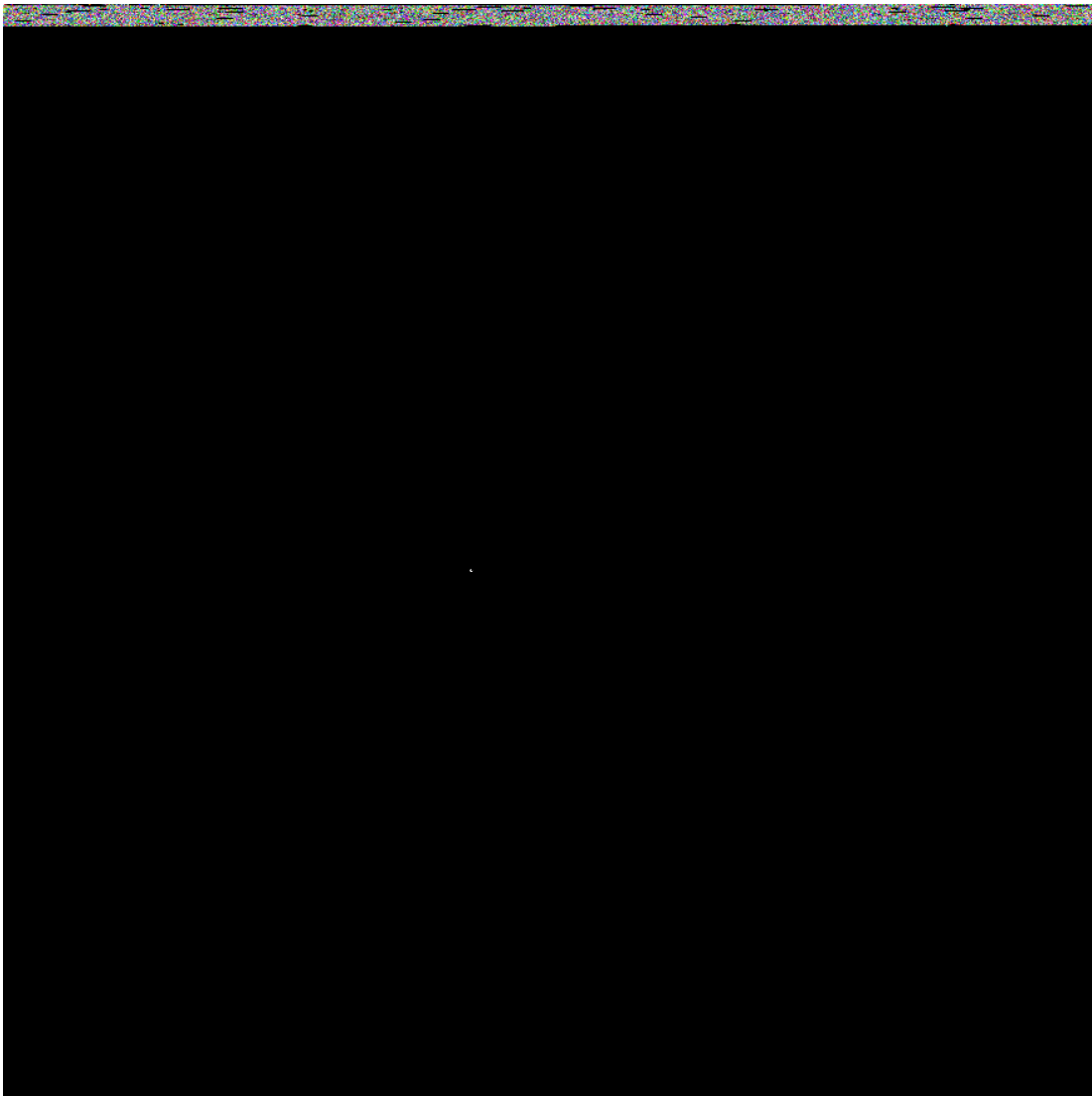
载荷图 Load Capacity Chart 额定载荷中心 C=500mm



EA20

电动四轮平衡重式叉车 2.0 t

Electric Counterbalanced Forklift Truck (Four-Wheel, Sit-on)



2000 Q(kg) Rated Load	2185 W a(mm) Turning Radius	3880 kg Service Weight
12/15 (%) Gradeability	48/510 (Vl Ah) Battery	

可选配置 门架与起升 · 货叉与属具 · 电池与充电 · 车身与标识 完整说明见 P45

特点及细节 Features & Details

- 01

额定载荷2000kg，载荷中心距500mm，满足中重型货物搬运需求。

High Load Capacity
- 02

配备6.5-10-10PR前轮和5.0-8-10PR后轮，适合室外及不平整路面作业。

Pneumatic Tires
- 03

7.5kW驱动电机与7.7kW起升电机，搭配48V/510Ah大容量蓄电池，续航持久。

Powerful Drive System
- 04

满载爬坡度12%，空载15%；满载行驶速度11km/h，空载13km/h。

Excellent Performance
- 05

采用液压制动与液压转向，配备护顶架，保障驾驶员安全。

Safe and Reliable
- 06

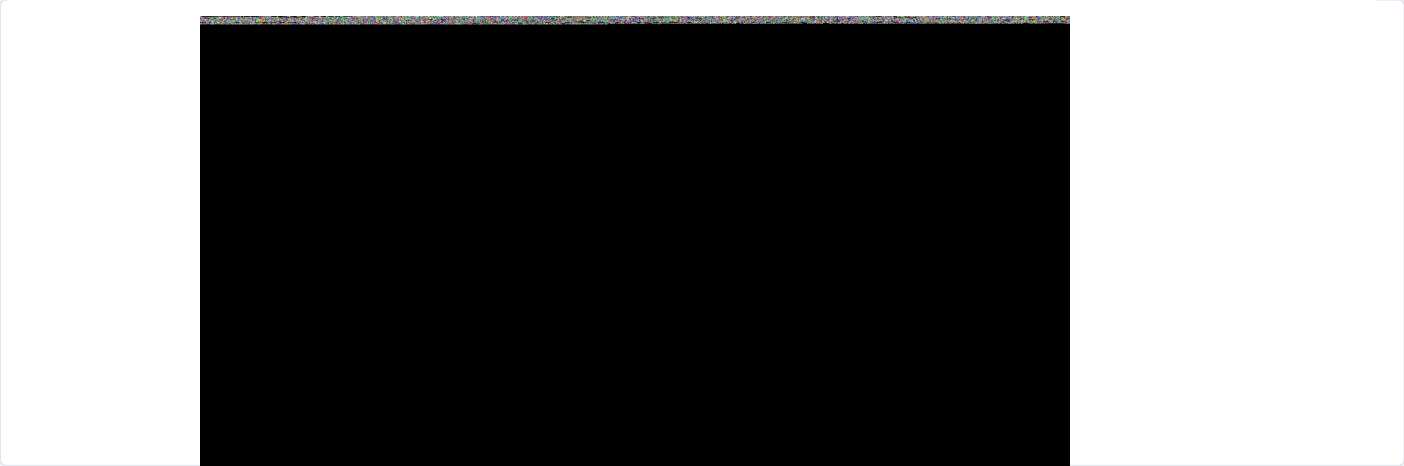
AC速度控制，运行平稳，噪音低（≤75dB）。

AC Control System

EA20 电动四轮平衡重式叉车 技术参数 Technical Data

0.01	型号	Model	EA20
0.02	驱动方式	Power unit	电动(Electric)
0.03	操作方式	Operation	应驾式(Seated on)
1.04	额定载荷能力	Rated load capacity	Q(kg)2000
0.05	载荷中心距	Load centre	c(mm)500
0.06	前悬距	Axle centre to fork face	x(mm)480
1.07	轴距	Wheel base	y(m m)1520
1.08	自重(含电瓶)	Sarvice weight with battery	kg3880
轮子、底盘Wheels/Tyres			
2.01	轮胎类型	Wheels type	充气实心胎(Pneumatte)
2.02	前轮规格	Driving w hool size	8.5-10-10PR
2.03	后轮规格车	Bearing wheel size	5.0-8-10PR
0.04	轮数量, 前轮/后轮(x-脚轮)	Wheels,number front/rs ar(x=driven)	2x/2
2.05	前轮轮距	Track width	b10(mm)900
2.06	后轮轮距	Track width	b11(mm)928
尺寸Dimensions			
3	门架货叉倾舞前例/后倾	Mast/fork carriagetilt,forward/backward	a /b()2026-06-08
3.02	门架缩回高座	Helght of mast,lowered	h1(mm)2170
3.03	自由提升高度	Free lift	b2(mm)1225
3.04	提升高座	Litt	h3(mm)3000
3.05	门架展开高座	Helght d mast,xtended	h4(mm)4075
3.08	护顶架高度	Holght ofoverhoad guard (cabin)	h 8(mm)2170
3.07	座位高度	Haight of seat/stand-on platform	h7(mm)1140
0.08	牵引钢高度	Towing coupling helght	h10(mm)370
3.09	整车长度	Overall ong th	l1(mm)3360
3.1	车体长度	Length to forkface	2(mm)2290
3.11	整车宽度	Ovarall wid th	b17b 2(mm)1070/1090
3.12	货叉尺寸	Fork dimensions	ale/l(mm)40/120/1070
3.13	货叉宽度	Width offork carriage	b3(mm)870
3.14	辅距中心处离地间隙	Min.Ground clearance	m2(mm)80
3.15	通道宽度: 1000x1200托盘 (1200跨货叉放置)	A islew id th w ith p allet1000×1200acro ss forks	Ast(mm)3970
3.16	通道宽度: 800x1200托盘 (1200治货叉放置)	A ls lewid th w itthpallet 800×1200 along forks	Ast(mm)4100
3.17	转弯半径	Min.Turning radiug	W a(mm)2185
性能Performance			
4	行走速度, 满载空教	Travelspeed,laden/unladen	(km/m)11/13
4.02	提升速度, 满载空载	Litting speed,with/without load	(mmle)240/320
4.03	下降速度, 满载/空载	Lowering apeed,with/w lthout load	(mm/s)380/320
4.04	爬坡度, 满载空载	Clim bing abilty,with/w thoutload	(%)12/15
电机 Drive			
5.01	制动类型	Servlce brake	液压fHydraulic)
5.02	驱动电机功率	Drne motor,80 minute rating	(kw)7.5
5.03	起升电机功率	Uitt motorrating at S315%	(Kw)7.7
5.04	蓄电池电压/容量	Battery voltagelrated capactty	(Vl Ah)48/510
其它Other			
6.01	驱动控制类型	Type of drive control	交流速度控制(AC)
6.02	噪音水平	Noise level at operator's ear	(dB(A))≤75
6.03	转向类型	Type of steering	液压(Hydraulic)

载荷图 Load Capacity Chart 额定载荷中心 C=500mm



Standard models cover the majority of operating conditions; for special requirements—such as specific rack heights, pallet specifications, aisle widths, or low-temperature environments—custom configurations can be tailored to meet actual needs.

Customizable Items

- ▶ **Boom and lifting height:** For second-or third-stage booms, the lifting height shall be selected as required, with optional free-lift sections available.
- ▶ **Fork and accessories:** fork length, outer width, adjustable fork distance; optional attachments include side shifters, clamps, platforms, and weighing systems.
- ▶ **Batteries and Charging:** lead-acid / lithium-ion batteries, side- 抽出 batteries, quick-change batteries; chargers shall be configured according to the voltage standards of the target country.
- ▶ **Body and Color Scheme:** body width, footrests and arm guards design, color scheme, and screen printing, in accordance with the customer's VI guidelines
- ▶ **Low Temperature & Explosion-proof:** Sealed electrical equipment and low-temperature hydraulic oil for cold storage applications; explosion-proof models are configured according to the specified explosion protection class.
- ▶ **Marking and Documentation:** Nameplate, instruction manual language, CE/EAC certification documents, etc., shall be included with the shipment.

Customization Process

01	02	03	04
Operational Requirements Discussion	Proposal Quote	Prototype Verification	Batch Delivery
Pallet specifications, aisle width, lifting height, and operation frequency	Technical drawings + parameter table + delivery lead time & quotation	Actual measurement of critical dimensions and loads; customer confirmation.	Made-to-order production; export documentation included with the shipment.

explain: The rated load and the frame height of the customized model shall be determined based on actual operating conditions, and the load curve shall be calibrated using the rated load center. The optional configurations listed on this page represent conventional ranges; the specific configuration shall be subject to the customized design proposal.



Voltage Matching

The output voltage of the charger must match the voltage of the vehicle's battery pack; the 24V and 48V systems must not be used interchangeably.

Capacity Matching

Select the charging current based on the battery capacity (Ah); the battery capacity may be selected according to the operating conditions, and the charger will be matched accordingly.

Export Plug

For spot sales, we provide standard Chinese plugs; for export purposes, we provide European or US plugs compatible with the power grids of the destination country, while retaining the original battery and charger unit.

Operating Environment

Charge the device in a well-ventilated, dry area free of ignition sources; immediately disconnect the power supply after charging is complete, and avoid prolonged overcharging.

In-vehicle charger, compatible industrial plug, charging interface, and cable. The equipment is configured according to the destination country's standards (EU, US, or national standards), with voltage and current specifications matched to the vehicle's battery pack.

Chargers & Charging Plugs — supplied with the truck or shipped separately, configured per order.

For spot orders, we provide chargers and plugs compliant with national standards; for export orders, we provide products compatible with European or US standard plugs, depending on the destination country's power grid requirements.

In-vehicle charger	On-board / off-board charger	Spot delivery in compliance with national standards Charger, out Destination country Convert to EU/US standards
Industrial plug	Industrial plug	Spot standard socket Head: outlet available Convert to EU standard / US standard
USB	Charging socket / inlet	Interface compatibility with the vehicle battery pack
Cable	Cable	Standard spot length The degree can be adjusted according to the charging status. Increased potential distance



Various types of pallets designed for use with stackers and material handling vehicles. When selecting a pallet, it must be compatible with the forklift's fork length, overall width, and support leg configuration; for double-sided pallets, pallets without support legs or those featuring wide support legs must be used.

Pallets — supplied with the truck or shipped separately, configured per order.

When selecting a pallet, consider three key factors: the pallet base structure, the fork entry direction, and the pallet dimensions.

Common Sizes

Common specifications include 1200×1000,1100×1100, and 1200×800; other sizes can be customized according to the order.

Material Selection

Three Material Options Are Available—wood, Plastic, and Steel—selected Based on Load-Bearing Requirements, Floor Conditions, and Hygiene Requirements.

Nine-legged tray	9-leg pallet	Nine support feet at the base · Four-direction entry fork · Lightweight, versatile design
Chuan-shaped tray	Chuan-type pallet	Three bottom longitudinal beams · Bidirectional / Four-way Extend the fork · Properly position the rack
Square grid tray	Tian-type pallet	The bottom features a grid pattern. · Four-way entry fork · Suitable for models without support legs or those with wide support legs
Single-sided / Double-sided tray	Single-face / double-face pallet	Double-sided pallet with protective plates on both top and bottom · Side-only fork entry · Models requiring no support legs

Entry Direction

The Four-Direction Fork Entry Tray Offers Greater Operational Flexibility; in Contrast, the Double-Sided Tray Features Protective Pads on Both Its Top and Bottom Surfaces, Allowing Only Lateral Fork Entry.

Match the Truck

Pallets With Cross Beams or Base Plates at the Bottom Must Be Paired With Models Equipped With No Legs or Wide Legs; Otherwise, the Forks Will Be Unable to Insert.

Pallet Type	Structure & Notes	Compatible Models	Entry method
Nine-leg pallet	Equipped with nine support feet at the base, ensuring a light overall weight; a commonly used universal model; cargo must be evenly distributed to avoid concentrated point loads.	Electric material handling vehicle, CBDJ series; including leg-supported stacker trucks	Four-way entry fork
Chuan-type pallet	The three bottom longitudinal beams are arranged in a "river" - shaped configuration; once the upper frame is properly supported, the support legs must be inserted through the openings between the longitudinal beams.	Fully electric stacker trucks, CDD series; front-fork stackers, CQD / GQD	Double / Four-way feed fork
Tian-type tray <i>Tian-type pallet</i>	The base features a "field" - shaped grid pattern with the crossbeam centered; the central crossbeam obstructs standard support legs, thereby limiting the range of motion for the support leg carriage.	Models without legs or with wide legs, such as the CQD-Q	Four-way entry fork
Single deck pallet <i>Single-face pallet</i>	Single-sided decking; single-sided load-bearing; when stacking, the load-bearing capacity of the lower layer of goods must be verified.	General; depends on the bottom structure and the direction of the fork entry.	Determined by the bottom structure
double deck pallet <i>Double-face pallet</i>	Both the top and bottom surfaces are equipped with protective plates; the support leg carriage cannot access the fork, so it must be paired with a model without support legs or one featuring wide support legs.	Legless counterweight model, e.g., CQD-Q	Lateral fork only

01

Examine the Base Structure

Are there any cross beams at the bottom of the pallet?

Alternatively, position the cross beams to determine the support legs.

Can it be inserted? There is a crossbeam.

Select the model without support legs

02

Look Toward the Fork Direction

Confirm that it has been returned from the long edge of the tray.

It is a short-side entry fork; accordingly,

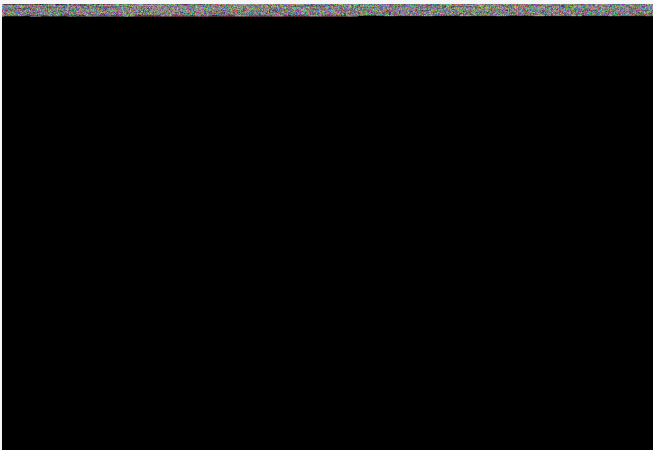
Determine the fork length relative to the outer dimension.

wide

03

Check the Tray Dimensions

The channel widths corresponding to 800×1200 and 1000×1200 differ; these are listed separately in the parameter table.



Scope of Wear Parts

Tires, Chains, Seals, and Electrical Components Are Consumable Parts; a List of These Wear Parts Is Included With the Vehicle to Facilitate on-Site Spare Parts Management.

Accessories Attachments

Accessories Such as Lateral Shifters, Clamps, Platforms, and Weighing Devices May Be Added According to Operating Requirements; This Must Be Specified During the Ordering Process.

Safety Protection

Safety Devices, Such as Head Protection Frames and Rack Guards, Shall Be Installed According to the Specific Work Environment; for High-Altitude Operation Vehicles, It Is Recommended to Equip Them With Head Protection Frames.

Supply Method: Supply

Commonly Used Parts Are Maintained in Fixed Inventory; Once a Request Is Received, Dispatch Is Arranged; These Parts Can Be Shipped Together With the Complete Machine or Ordered Separately.

Wear parts and accessories—including fittings, tires, chains, seals, and electrical control components—as well as safety protection devices such as roof protectors and rack guards. Commonly used parts shall be maintained in regular inventory; upon receipt of a request,

72 To be dispatched within hours.

Spare Parts & Consumables — supplied with the truck or shipped separately, configured per order.

Common specifications are available in stock; safety protection devices such as roof supports and shelf guards can be installed upon request, and all components are customizable.

Accessory	Attachments	Side shifters, clamps, platforms, weighing devices, etc., shall be installed according to the operating conditions.
Tyre	Wheels / tyres	Polyurethane / Rubber / Nylon, selected according to floor conditions
Chain	Chains	Plate-type chain, configured according to the number of gantry stages and the lifting height.
Seal components	Seals	Oil cylinder seal assembly, configured according to cylinder diameter
Electrical control device	Electrical components	Controller, contact Devices, switches, etc., configured according to the vehicle model

This page outlines the optional equipment and delivery specifications applicable to the entire product line; these specifications may be adjusted for each specific vehicle model based on operating conditions. The selection of optional features may affect delivery lead times and pricing; please specify these details explicitly in the contract to avoid production based on default configurations.

Optional Configuration Options

- **Frame and lifting mechanism:** Grade II/III gantry frames are available; the lifting section can be freely adjusted as needed, and the lifting height can be customized according to operating conditions.
- **Fork and attachments:** The fork length, outer width, and fork spread are adjustable; optional accessories include a side translator, gripping clamps, a platform, and a weighing system.
- **Batteries and Charging:** Lead-acid or lithium-ion batteries are available; capacity can be selected per shift; chargers and plugs shall be configured according to the power grid of the destination country.
- **Vehicle Body and Markings:** Body color schemes, screen printing, and nameplates can be customized according to the customer's VI guidelines.

Delivery & Documents Delivery & Documents

- **Random File:** Certification certificates, operation and maintenance manuals; type test certificates may be provided upon request.
- **Packaging:** Fumigation-free wooden crates / pallet packaging, reinforced in accordance with maritime transport regulations and the requirements of the destination country.
- **Warranty and Spare Parts:** The scope and duration of the overall equipment warranty shall be governed by the sales contract; wear parts and common spare parts shall be available.
- **Export Services:** Customs declaration, documentation, and mode of transport shall be confirmed based on the order, and shall comply with the certification requirements of the destination country.

The following information is required when placing an order: Information Required

- **Operating conditions:** Type of cargo, unit weight, pallet specifications (length × width × height), and stacking height
- **Channel:** Rack aisle width, doorway height, floor slope, and floor load-bearing conditions
- **Homework:** Daily shifts and continuous operation duration; whether entry/exit of containers or trucks is required
- **Destination country:** Power grid voltage, socket types, and certification requirements (CE / UKCA / others)

Service & Warranty

- **Warranty Coverage:** Manufacturing defects in structural components such as gantry frames and chassis frames; and in electrical components such as motors and controllers.
- **Not within scope:** Wear parts such as wheels and oil seals; damage caused by overloading, collisions, or unauthorized modifications
- **Spare Parts Supply:** Wear parts and common spare parts are available, either shipped with the goods or subsequently replenished.
- **Technical Support:** English documentation and remote support provided with the shipment; response procedures shall be implemented in accordance with the contract.

Packaging & Shipping Packaging & Shipping

- **Inner packaging:** Full-machine stretch film protection, wooden crate/pallet reinforcement, and separate packaging of random accessories
- **Maritime Packaging:** Perform moisture-proofing, rust-proofing, and reinforcement treatments in accordance with maritime transport regulations and the requirements of the destination country.
- **Cabinet Installation Plan:** Calculate the number of cabinets required based on the overall machine dimensions, and provide a cabinet layout diagram.
- **Documentation Support:** The packing list, packing photos, and accompanying documents shall be provided in accordance with the order.

Response & Support Response & Support

- **Technical Documentation:** The operation and maintenance manual is provided with the product; an English version may be added upon request.
- **Remote Support:** Installation, commissioning, and troubleshooting of common faults can be performed via remote guidance.
- **Spare Parts Supply:** Wear parts and common spare parts are available, either shipped with the goods or subsequently replenished.
- **Quality Feedback:** Issues arising during the warranty period shall be handled in accordance with the terms of the contract.

Frequently Asked Questions FAQ

Q1 How should the output voltage be matched with the plug?

The complete unit is equipped with a charger and a plug (EU standard / US standard / other) compatible with the power grid of the destination country; prior to ordering, simply verify the voltage and socket type—no modifications to the battery are required.

Q2 Can I choose the battery capacity?

Capacity can be selected based on shift requirements and continuous operating duration; both lead-acid and lithium-ion battery options are available; the selected capacity will affect the unit's self-weight and charging time.

Q3 Can the Mast and Fork Be Modified to Suit My Operating Conditions?

The lifting height, number of gantry stages, fork length, and overall width can all be customized according to specific operating conditions; for non-standard dimensions, please provide the pallet specifications and stacking height.

Q4 What is the typical lead time?

Standard models are scheduled based on orders; for customized or non-standard models, the finalized production schedule shall prevail; during peak seasons, it is recommended to place orders in advance.

Q5 How should packaging and case loading be performed?

Fumigation-free wooden crates / pallet packaging, reinforced in accordance with maritime shipping regulations and the requirements of the destination country; packing lists and packing photographs are available upon request.

Q6 What documentation is required for export?

Customs declaration, documentation, and accompanying documents shall be handled in accordance with the order and the requirements of the destination country; we can also assist in providing CE certification materials and English technical documentation.

This page contains general optional equipment guidelines. The standard configurations for each vehicle model shall be subject to the parameter table on the respective product page; battery capacity, frame specifications, and accessories shall be confirmed based on operating conditions and the order details.

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Main Products Electric material handling vehicles •
Fully electric stackers • Front-charge
stackers • Semi-electric and
customized models

Qualifications Special Equipment Production License • ISO
9001:2015 • CE

Please provide the following when requesting a quote:
Operating conditions & cargo
weight • Pallet specifications •
Passage width • Lifting height •
Destination & voltage

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