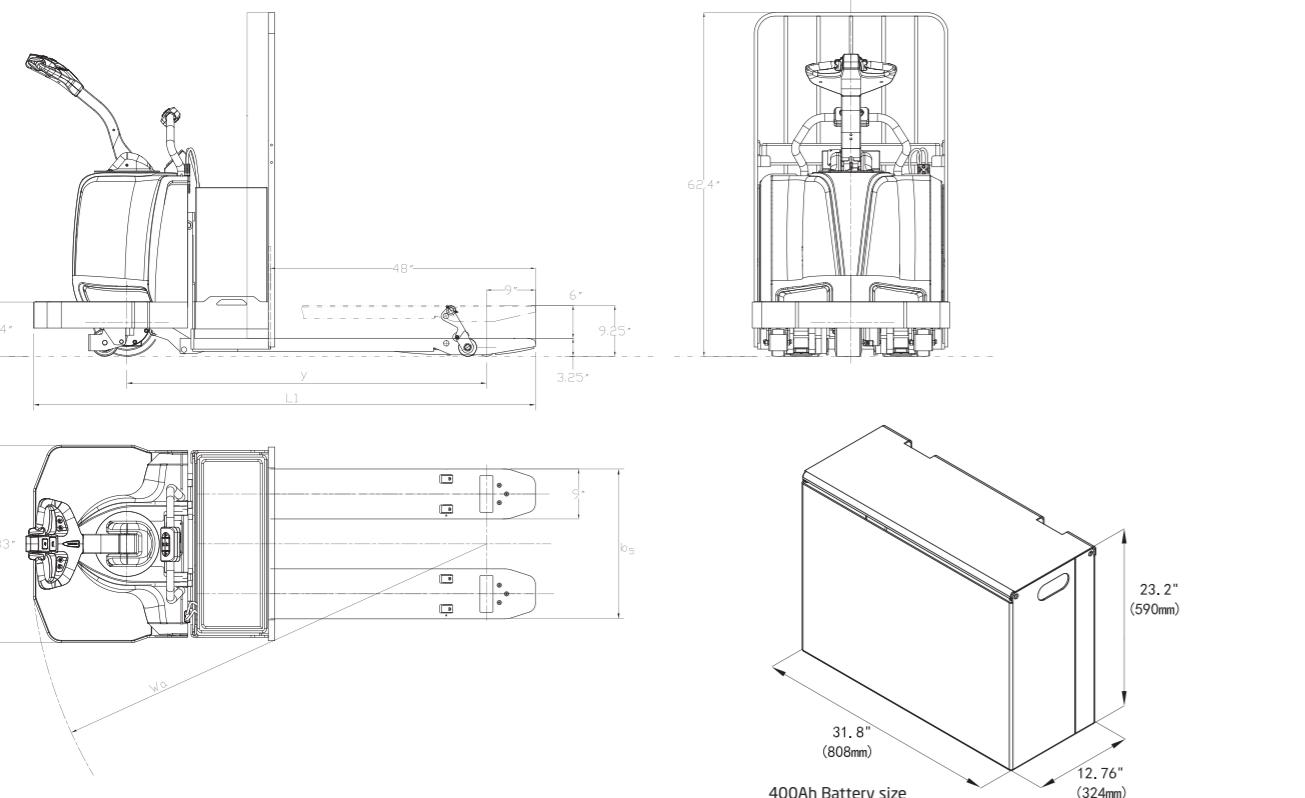


## A Series End Control Rider Pallet Truck

		HANGCHA GROUP CO.,LTD.	
1.1	Manufacturer	ECR27	ECR36
	HCHA Model		
1.2	Manufacturer's Type Designation	CBD27-AC15-NA	CBD36-AC15-NA
1.3	Drive: electric (battery or mains), diesel, petrol, fuel gas	Electric	Electric
1.4	Operator Type	Rider	Rider
1.5	Rated Capacity/Rated Load	Q(lb)	6000 8000
1.6	Load Centre Distance	c(in)	24 24
1.8	Load Distance, centre of drive axle to fork	x(in)	39.1 39.1
1.9	Wheelbase	y(in)	65.2 65.2
2.1	Service Weight	lb	2090 2200
3.1	Tires: solid rubber, superelastic, pneumatic, polyurethane	Polyurethane	Polyurethane
3.2	Tire Size, front	in	12.2x4.3 12.2x4.3
3.3	Tire Size, rear	in	2.325x6.5 2.325x6.5
3.4	Additional Wheel Dimensions	in	2.5x2.4 2.5x2.4
4.4	Lift	h <sub>3</sub> (in)	6 6
4.15	Fork Height, lowered	h <sub>3</sub> (in)	3.25 3.25
4.19	Overall Length	l <sub>1</sub> (in)	91 91
4.20	Head Length	l <sub>2</sub> (in)	43 43
4.21	Overall Width	b <sub>1</sub> (in)	36 36
4.25	Distance between Fork-Arms	b <sub>5</sub> (in)	27.1 27.1
4.35	Turning Radius	W <sub>a</sub> (in)	82.7 82.7
5.1	Travel Speed, laden/unladen	mph	5.6/8.7 5.6/8.7
5.8	Max Gradeability, laden/unladen	%	8/15 8/15
5.10	Service Brake		Electromagnetic Electromagnetic
6.4	Battery Voltage, nominal capacity K5	V/Ah	24V/300Ah 24V/400Ah
9.1	Manufacturer		Curtis Curtis

Model	V	ECR27	ECR36
Voltage	V	24	24
Battery Compartment	"X" Max.	mm (in)	810(31.9)
	"Y" Max.	mm (in)	327(12.9)
	"Z" Max.	mm (in)	593(23.3)
Battery Weight	Maximum	Kg (lb)	866(1910)
	Minimum	Kg (lb)	310(685)



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## A Series End Control Rider Pallet Truck

with capacities of 6,000-8,000lbs

**Making Material Handling Easier**  
SINCE 1956



# A Series End Control Rider Pallet Truck

The A Series Electric End Control Rider Pallet Truck is a logistics handling device developed by Hangcha Group for the high-intensity operating conditions of the North American market. With the AC drive technology, it offers high performance and low maintenance costs. It is also safe, reliable, and can be easily operated. This end control rider pallet truck is an ideal tool for loading, unloading, and handling palletized goods in warehouses and workshops.



**Simple  
Solid  
Smart**

## Appearance

- / The A Series End-Control Rider Pallet Truck has a smooth vivid profile and was designed to be ergonomic. The exterior of this pallet truck is powder coated in a durable, easy to see, red finish.
- / This pallet truck uses stamped steel plates and injection molded parts. This creates a robust and durable product that is able to successfully take on the wear and tear of a warehouse environment.

## Comfort

- / Low-noise reduction gear box and high-elasticity PU traction wheel result in low noise.
- / Additional wheels supported with PU blocks and springs realize more stable traveling.
- / The inner concave design at the bottom of the machine's hood offers more room for the operator's feet.

## High Performance

- / The brushless AC travel motor features excellent acceleration, outstanding climbing ability, low heat emission, and is maintenance-free.
- / The CANBUS structure makes communication between all of the machine's functions faster and more reliable.
- / The operating handle's picking button is a part of the pallet truck's standard configuration. This allows the pallet truck to be operated from the side to increase the efficiency of the picking operation.
- / The pallet truck's regenerative braking feature prevents it from sliding on a grade.

## Reliability

- / The pallet truck frame is made of high-strength steel plates. It is designed to have a long service life in various working conditions.
- / The box-type stamped forks are stronger, more rigid, and impact resistant.
- / Water-proof plug connectors offer protection for all of the cables. This significantly increases the reliability of the end control rider's electrical system.
- / The limit switch of the lifting motor eliminates the overflow of the hydraulic power unit. This is more energy efficient and can protect the power unit's motor.

## Safety

- / The end control pallet truck features three types of braking functions, release braking, reverse braking, and emergency braking, for safe operation.
- / The anti-sliding function on a grade ensures a safe operational workspace.
- / The emergency reversing button at top of the tiller protects the operator from being injured in case of an emergency during backward operation of the truck.

## Standard Specifications

- / Brushless AC driving motor
- / High Performance PU Driving Wheels
- / CURTIS AC Controller
- / High Performance Hydraulic Power Unit
- / Anti-Skid Pedal Pad
- / CANBUS FREI Multi-Functional Tiller
- / Multi-Functional Instrument Display
- / PU Buffering Elastic Auxiliary Wheels
- / Electromagnetic Brake
- / Load Backrest
- / Caster Wheel

## Options

- / Optional Battery Capacities:  
300Ah, 400Ah, or 750Ah
- / 28" Distance between Fork-Arms
- / Optional Fork Lengths:  
54", 60", 84", 96", 132", or 144"
- / Electric Power Steering (EPS)
- / Storage Box



The roomy, low step height, platform is designed to reduce operator fatigue. The optional cushioned knee pads allow the operator to adjust their stance throughout the shift. This creates a more comfortable operating experience.



The load backrest is secured with high-strength bolts to protect the operator.



The CURTIS AC Control System



The FREI Multi-Function Tiller