



CHANGXING QIANGSHENG MACHINERY CO.,LTD.

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INTELLIGENT SOLUTIONS FOR INTRALOGISTICS

FULL RANGE ELECTRIC WAREHOUSE EQUIPMENT

CHANGXING QIANGSHENG MACHINERY CO.,LTD.



COMPANY INTRODUCTION

QSLIFT, a brand of QIANGSHENG Machinery, is a highly competitive material handling solutions provider. It provides full range of material handling equipment and warehouse equipment. QSLIFT products are mainly produced at QIANGSHENG's modern intelligent factory in Changxing, Zhejiang, China. The factory is built under the standard of "green, flexible, intelligent and automated", covering a total area of 52,000 square meters with an annual production capacity of 20,000 units.

The core technology of QSLIFT product originally designed by QIANGSHENG technical team. From year 2011 the beginning only process the truck components and parts, and now it can make full range warehouse equipment, thanks to the owner's forward-looking of the industrial future. With precise controller, lower energy consumption, better compatibility and more stable performance and more competitive price on electric trucks and stackers, QSLIFT products are highly favored by its customers.

Our mission is to offer best value to our customers worldwide by providing simple and reliable material handling equipment as well as local professional services.

For more information about QSLIFT, please visit the website at <http://www.qslift.com>



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ELECTRIC WALKIE STACKER



P45 QES10E / QES12E

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BF25 / BF30 HAND PALLET TRUCK

Capacity 2500 KGS / 3000 KGS

Professional and ideal storage aid for all variety of manual transport tasks over short distances in stores and warehouse as well as factory plants

Top class range of pallet truck with excellent designs, reliable, sturdy, torsion-resistant



A



B



Three position operational handle lever for lifting, transportation and lowering purposes.

Ergonomically designed handle with comfortable rubber grip allows the optimized safety as well as comfortable.

● Handle Option

Sealed oil cylinder

Excellent whole casting hydraulic pump, robust and durable, with fine control of lowering speed and overload valve, low routine maintenance.



Entry roller

Tandem load roller with additional entry roller which guarantees for maximum stability and safety for transporting goods on slopes.



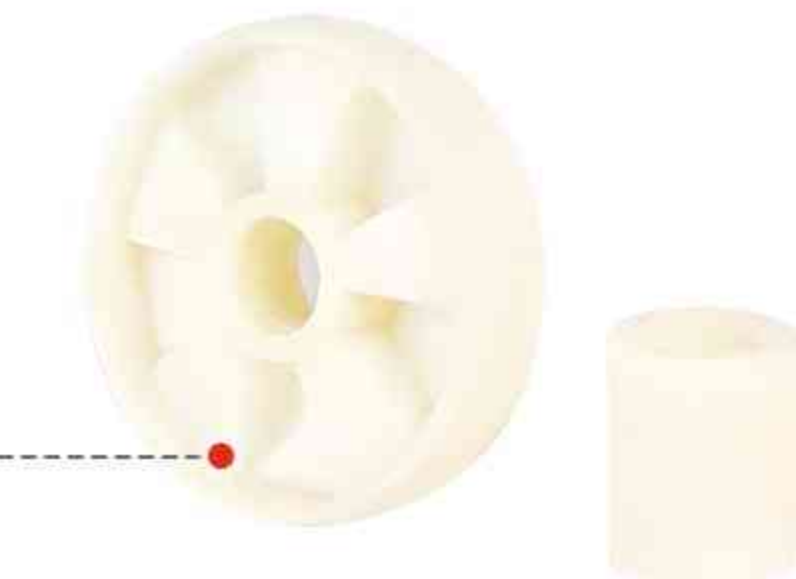
Polyurethane

Ideal for delicate floors with hard wearing and non-marking property, quiet and durable.



Nylon

Low drag efforts, high resistance to chemicals, preferred in food, fishing and chemical industries with smooth floors.



Rubber

Best choice for quiet and durable demands, ideal for smooth and rough floors.



Main Feature



High strength chassis design

The high strength chassis and compact design ensure the long life and flexibility. Specifically supported by its perfect metal welding and bending technology, and metal toughness as well.



Security and stability

The hydraulic lifting system of this vehicle adopts the design without oil pipe, which greatly improves the reliability of the hydraulic system and reduces the risk of oil leakage of the joint or oil pipe.

PRODUCT

Product display

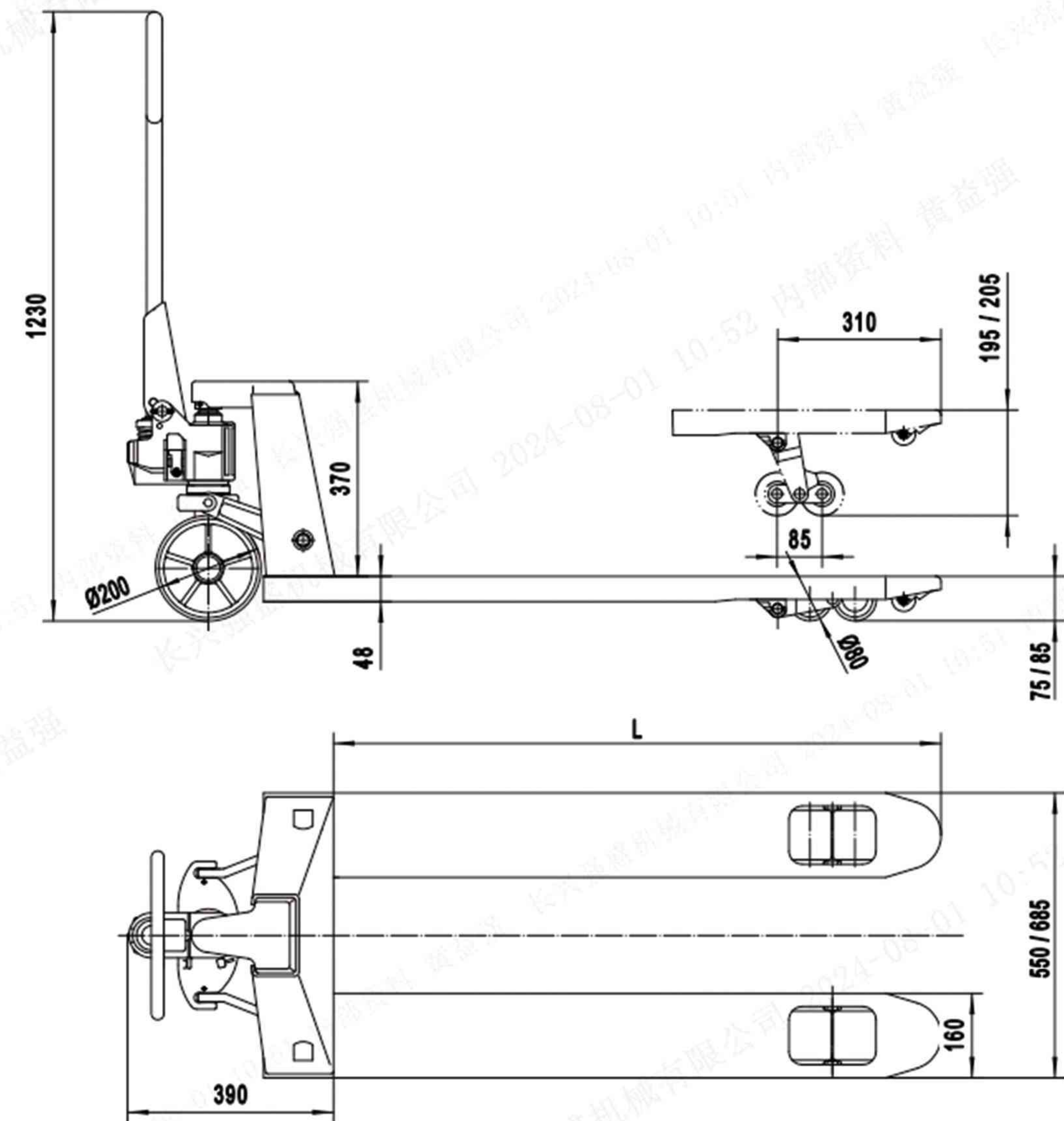


Suitable for long distance transportation inside the warehouse
 Suitable for logistics companies

BF25 / BF30

Technical Specification

Model		BF25	BF25	BF30	BF30
Load capacity	kg	2500	2500	3000	3000
Max.height	mm	200 or 190			
Min.height	mm	85 or 75			
Fork size	mm	1150	1220	1150	1220
Fork overall size	mm	550/685			
Fork size individual	mm	160			
Roller size	mm	Φ 80x70 (or Φ 74x70) Φ 80x93 (or Φ 74x93) Nylon, Polyurethane			
Steering wheel size	mm	Φ 200 (or Φ180) Nylon, Polyurethane, Rubber			



SHPT20B SCALE HAND PALLET TRUCK

Capacity 2000 KGS

With 4 accurate press sensor cells
Accuracy ± 0.5 KG



● Handle Option



Three position operational handle lever for lifting, transportation and lowering purposes.

Ergonomically designed handle with comfortable rubber grip allows the optimized safety as well as comfortable.

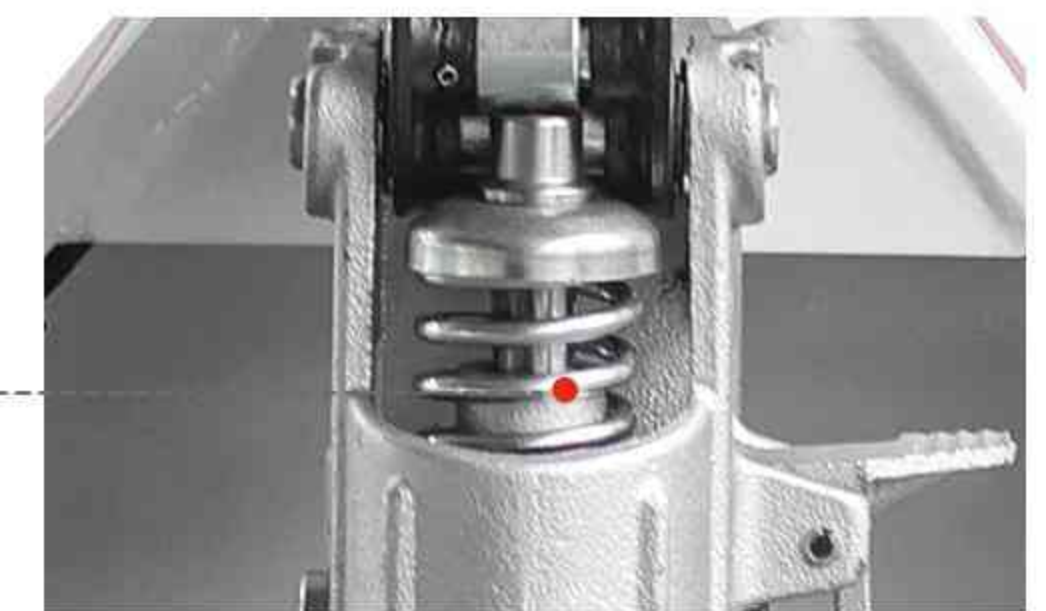
Sealed oil cylinder

Excellent whole casting hydraulic pump, robust and durable, with fine control of lowering speed and overload valve, low routine maintenance.



Stronger steel spring

Easy rebound and long life.



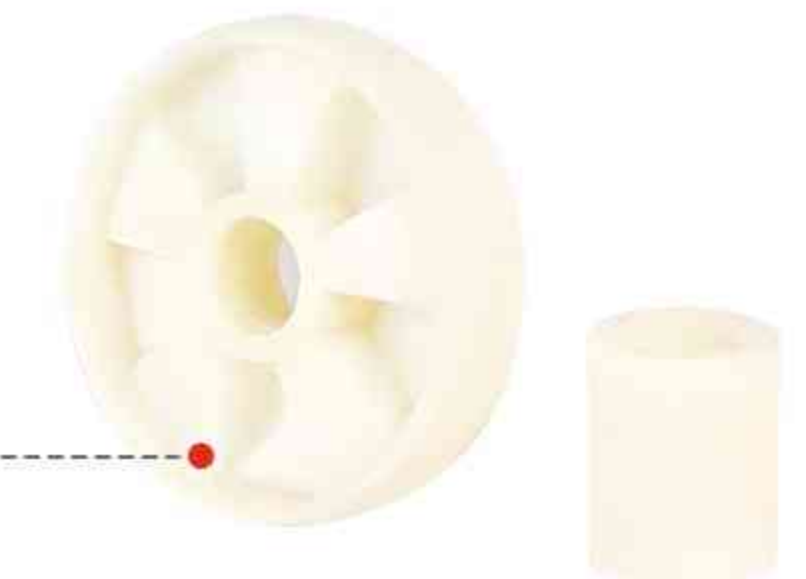
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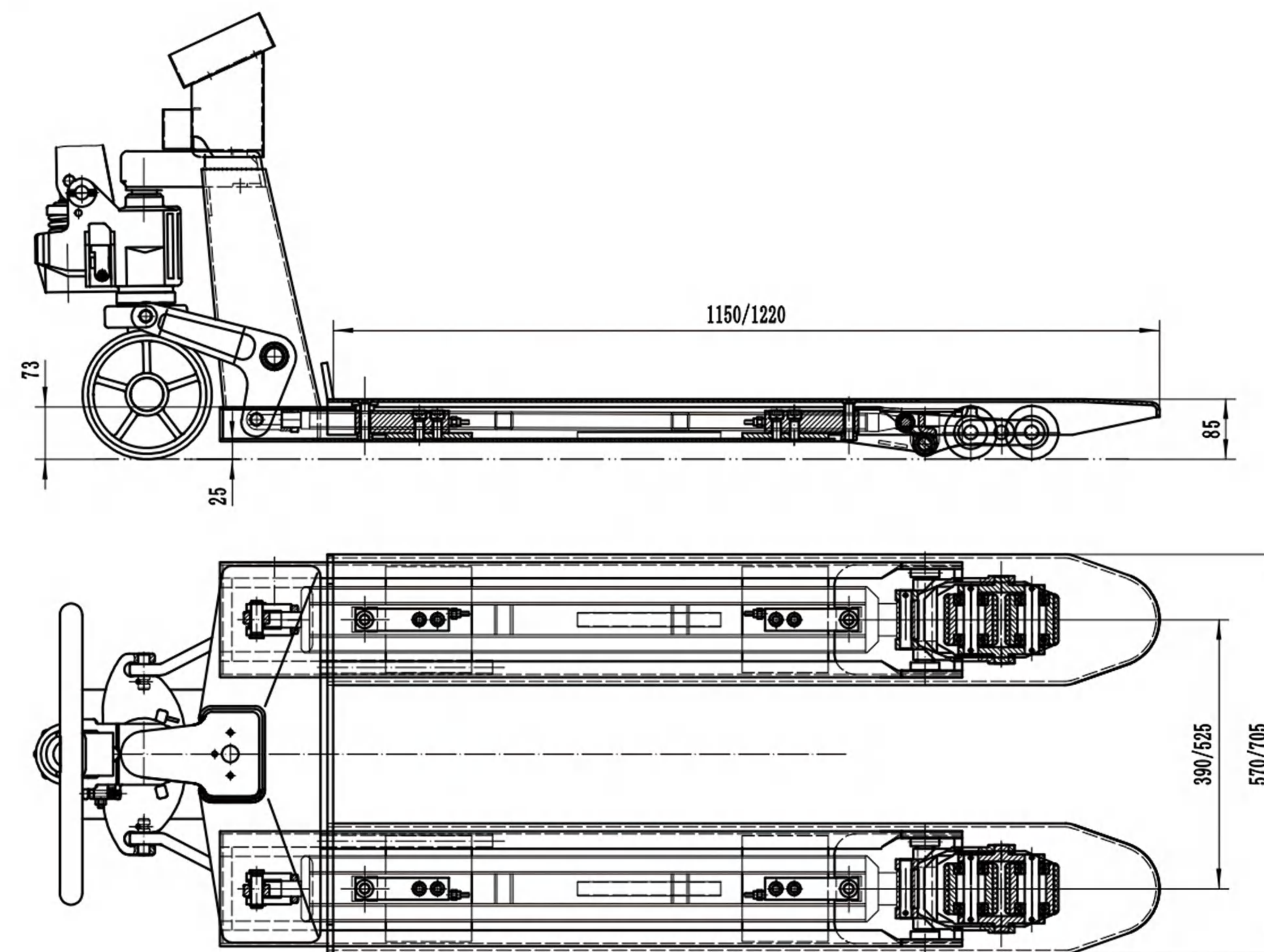


Suitable for long distance transportation inside the warehouse
 Suitable for logistics companies

SHPT20B

Technical Specification

Model	SHPT20B	
Load capacity	kg/lbs	2000kg/5000lbs
Power supply		3.7V DC
Environmental conditions		Dry environment
Operating temperature		-10°C— 40°C(14°F to 104°F)
Fork height, min./max.	mm	76/190 85/200
Weighing accuracy	kg	±0.5kg
Fork width	mm	570/705
Fork length	mm	1150/1220



EPT15V ELECTRIC PALLET TRUCK

Capacity 1500 KGS

Drive by Li-Ion

Carry materials efficiently

Perfect alternative for hand pallet truck



● Pin-code handle
(For option)

Drive control

Turtle speed

Battery indicator

Magnetic movable key

Emergency reverse

Horn

Lifting & lowering



4 mm thickness motor cover

Effectively protect the internal motor and the wiring device.



ABS dustproof plastic shell

Make the internal controller and wiring more clean and looks more nicer.



Replaceable battery

Make the charging conveniently



Main Feature



High strength chassis design

The high strength chassis and compact design ensure the long life and flexibility. Specifically supported by its perfect metal welding and bending technology, and metal toughness as well.



Variety battery capacity available

By pairing battery volumes and its chargers to match various work time demands.



Security and stability

The hydraulic lifting system of this vehicle adopts the design without oil pipe, which greatly improves the reliability of the hydraulic system and reduces the risk of oil leakage of the joint or oil pipe.

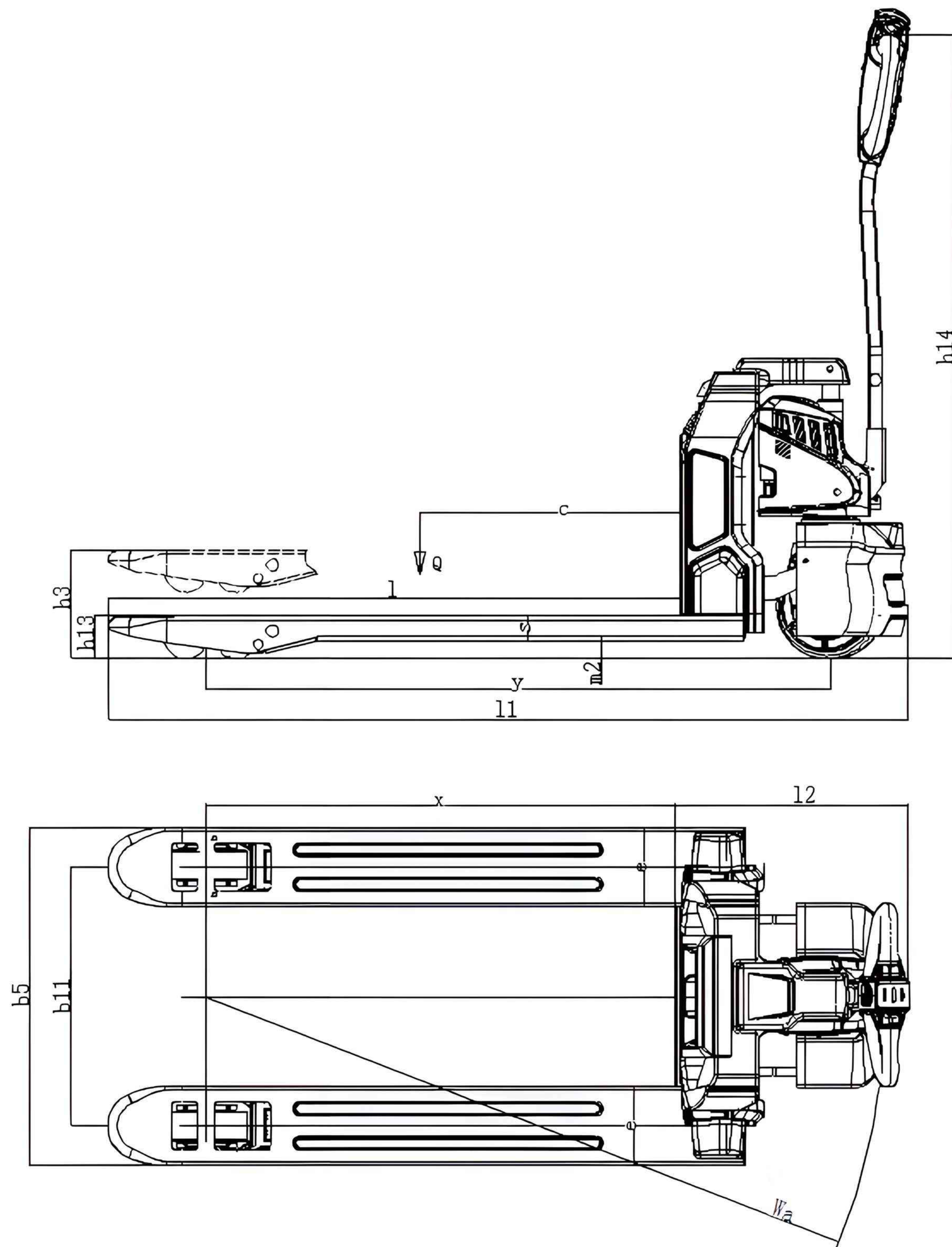


Intelligent control system

Equipped with CAN-BUS technology, automatically monitoring the status of the truck, and fault diagnosis.

SPECIFICATION

Technical Specification



EPT15V

Technical Specification

	Model	EPT15V
Identification	Drive Method	Electric
	Operate type	Pedestrian
	Load capacity	Q(t) 1.5
	Load centre distance	c(mm) 600
	Load distance, centre of drive axle to fork	x(mm) 950
	Wheelbase	y(mm) 1270
Weights	Weight without battery	kg 142
Wheels	Wheel type	PU
	Drive wheel	$\Phi \times w$ (mm) $\Phi 210 \times 75$
	Front wheel	$\Phi \times w$ (mm) $\Phi 80 \times 70$
	Wheels, number front/rear (x=driven wheels)	1x/4
Basic Dimensions	Tread, front	b11(mm) 390/525
	Lifting height	h3(mm) 195
	Height of tiller in drive position min./ max.	h14(mm) 585/1250
	Height, lowered	h13(mm) 85
	Overall length	l1(mm) 1620
	Length to face of forks	l2(mm) 470
	Overall width	b1/b2(mm) 550/685
	Fork dimensions	s/e/l(mm) 50/160/1150
	Width across forks	b5(mm) 550/685
	Ground clearance, centre of wheelbase	m2(mm) 35
	Aisle width for pallets 1000x1200 crossways	Ast(mm) 1820
	Aisle width for pallets 800x1200 lengthways	Ast(mm) 1870
	Turning radius	Wa(mm) 1380
Performance Data	Travel speed, laden / unladen	(km/h) 4.2/4.5
	Max, gradeability, laden / unladen	(%) 6/10
Motor	Brake type	Electromagnetic
	Drive motor rating	(kw) 0.75
	Lift motor rating	(kw) 0.8
	Battery acc. to DIN 43531/35/36 A,B,C,no	no
	Battery voltage, nominal capacity	(v/Ah) 24/20
	Battery weight ($\pm 5\%$)	(kg) 5.5
	Type of drive control	DC speed control
	Sound level at driver's ear acc. to EN 12053	(dB(A)) ≤ 70
Steering mode	Mechanical steering	

EPT15 ELECTRIC PALLET TRUCK

Capacity 1500 KGS
 Drive by lithium battery
 Moves quick and efficient
 Perfect alternative to hand pallet truck



● Pin-code handle
(For option)

Drive control

Turtle speed

Battery indicator

Magnetic movable key

Emergency reverse

Horn

Lifting & lowering



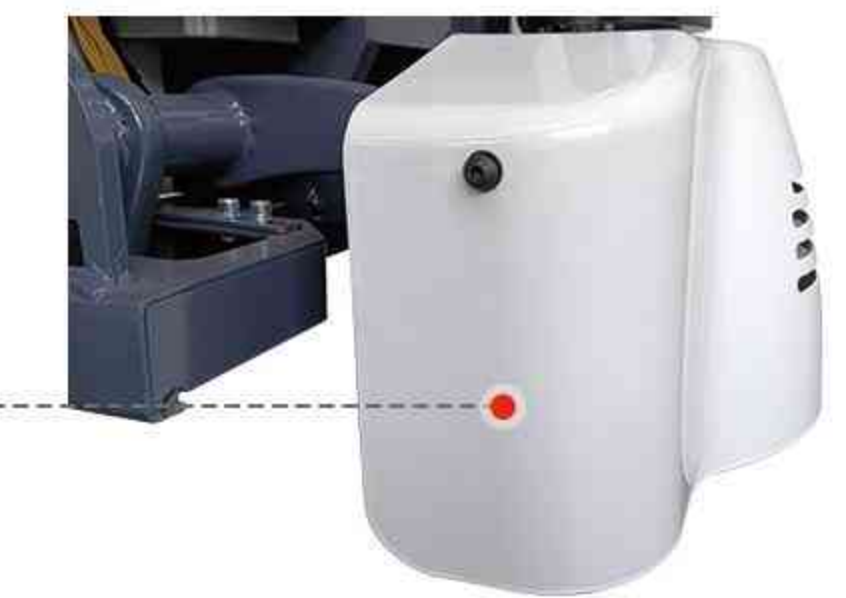
Tandem load roller

Guarantees for maximum stability and safety



Thick metal cover

Protects inside motor and wiring



Balancing wheels (For option)



Replaceable battery

Convenient to charge



Main Feature



High strength chassis design

The high strength chassis and compact design ensure the long life and flexibility. Specifically supported by its perfect metal welding and bending technology, and metal toughness as well.



Variety battery capacity available

By pairing battery volumes and its chargers to match various work time demands.



Security and stability

The hydraulic lifting system of this vehicle adopts the design without oil pipe, which greatly improves the reliability of the hydraulic system and reduces the risk of oil leakage of the joint or oil pipe.

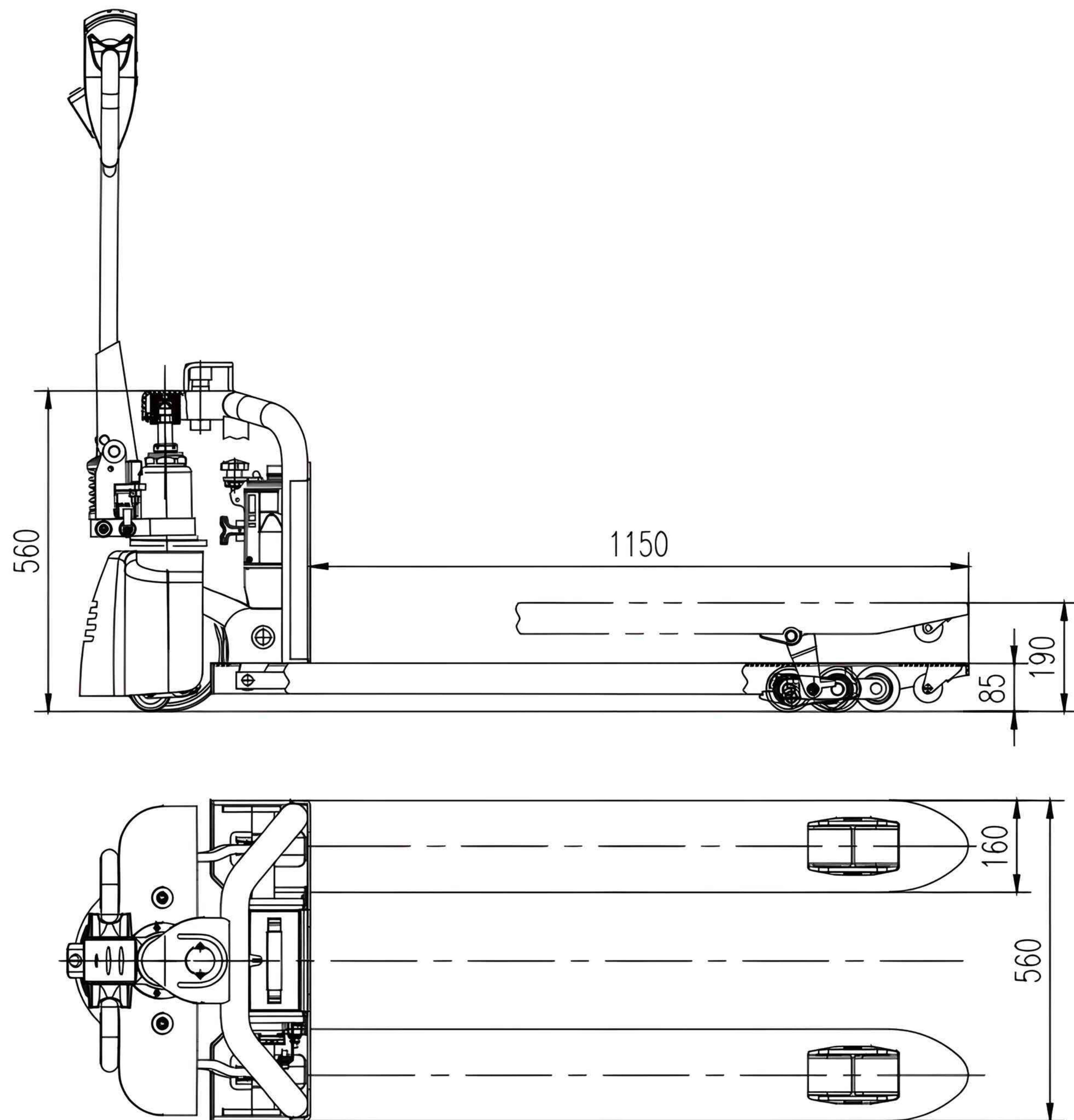


Intelligent control system

Equipped with CAN-BUS technology, automatically monitoring the status of the truck, and fault diagnosis.

SPECIFICATION

Technical Specification



EPT15

Technical Specification

Model	EPT15	
Drive Method	Electric	
Operate type	Pedestrian	
Capacity	kgs	1500
Load centre distance	mm	600
New weight including battery	kgs	160
Drive wheel size	mm	Φ210×70
Load roller size	mm	Φ80×70
Wheel material	PU	
Overall size	mm	1540 x 560/680
Height from ground to the handle	mm	1250
Height of the body	mm	560
Fork height	mm	85-190/75-185
Fork size	mm	560 / 680 x 1150/1220
Fork width	mm	160
Turning radius	mm	1350
Distance from steering wheel to load centre	mm	1220
Drive speed	km/h	4.5
Gradeability	5-7	
Drive motor power	kw	0.75
Lifting motor power	kw	0.5
Controller	CURTIS	
Handle	CANBUS WITH PIN-CODE LOCK	
Battery	v/ah	24V / 20AH Lithium battery
Charger	v/a	24V / 6A

EPT15Q ELECTRIC PALLET TRUCK

- Capacity 1500 KGS
- Battery maintenance-free
- Easy and fast charging
- Robust and durable frame and chassis
- Ergonomic long handle design
- Compact, flexible and easy to operate



Emergency reverse

Driving control

Turtle speed

Key lock

Horn

Lifting & lowering

Battery indicator



PU tandem wheel
Stable and Durable

Thick metal cover
Protect motor



Emergency button
Make operator safety



Long handle
Ergonomic and Compact



2 sets Lead-acid battery
long time working



Main Feature



High strength chassis design

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Variety battery capacity available

By pairing battery volumes and its chargers to match various work time demands.



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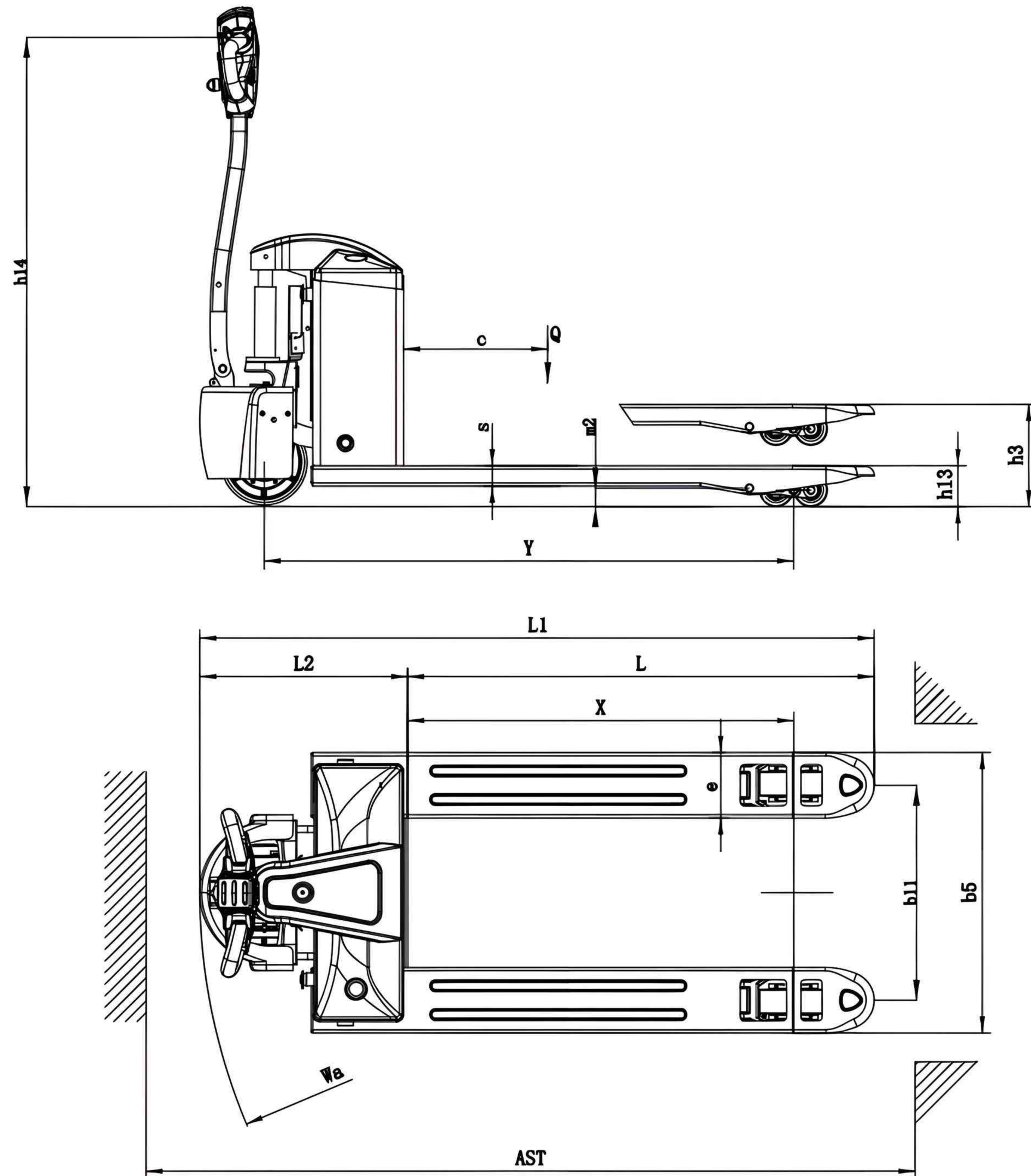


Intelligent control system

Equipped with CAN-BUS technology, automatically monitoring the status of the truck, and fault diagnosis.

SPECIFICATION

Technical Specification



EPT15Q

Technical Specification

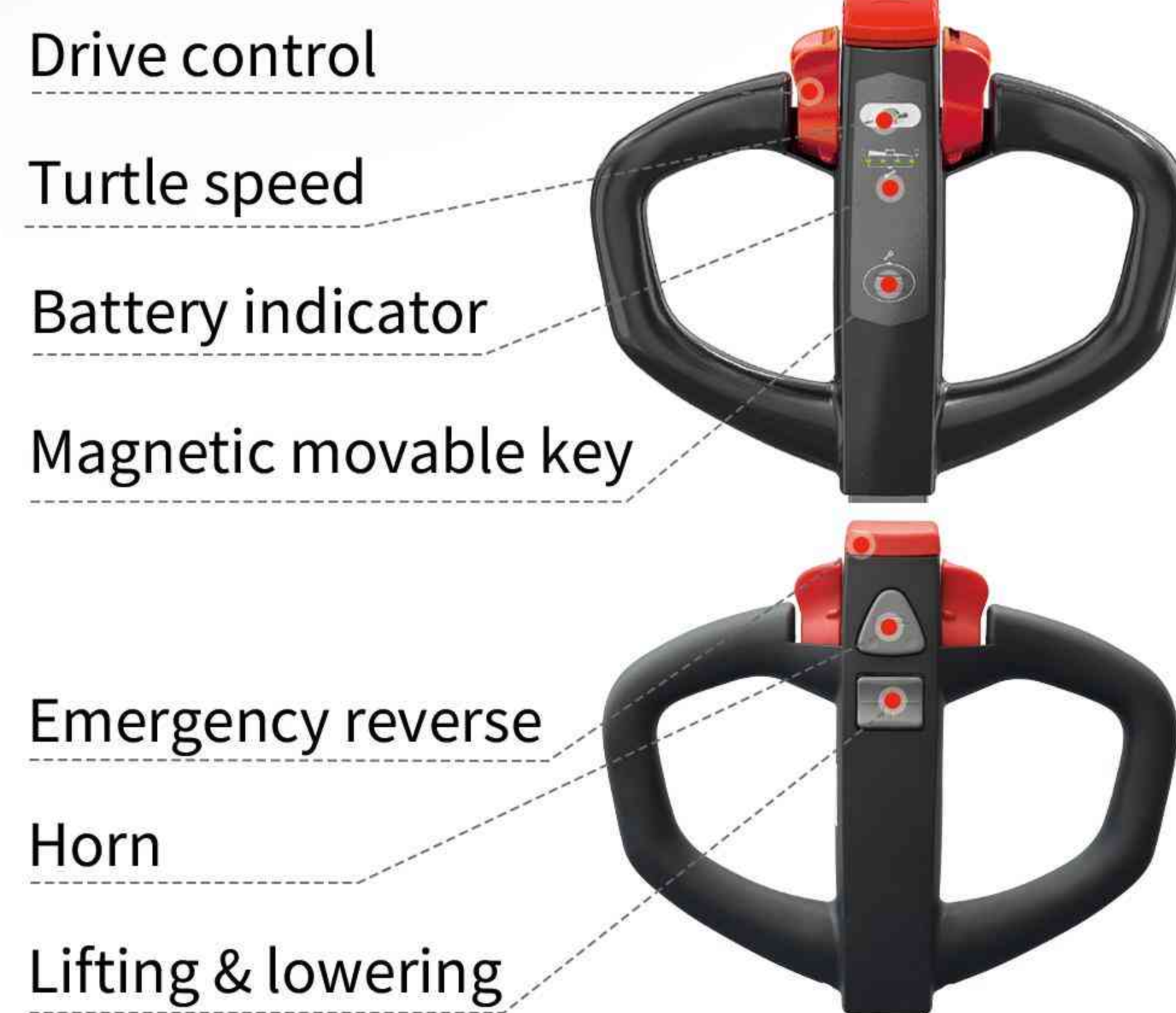
	Model	EPT15Q
Identification	Drive mode	Electric drive
	Operator type	by Walking
	Load capacity	Q(t) 1.5
	Load centre distance	c(mm) 600
	Load distance, centre of drive axle to fork	x(mm) 944
	Wheelbase	y(mm) 1294
Weights	Weight without battery	kg 150
Wheels	Wheel type	PU
	Drive wheel	$\Phi \times w$ (mm) $\Phi 210 \times 75$
	Front wheel	$\Phi \times w$ (mm) $\Phi 80 \times 70$
	Wheels, number front/rear (x=driven wheels)	1x/4
	Tread, front	b11(mm) 390/525
	Basic Dimensions	Lifting height
Height of tiller in drive position min./ max.		h14(mm) 585/1220
Height, lowered		h13(mm) 85
Overall length		l1(mm) 1648
Length to face of forks		l2(mm) 508
Overall width		b1/b2(mm) 685
Fork dimensions		s/e/l(mm) 50/160/1140
Width across forks		b5(mm) 550/685
Ground clearance, centre of wheelbase		m2(mm) 30
Aisle width for pallets 1000x1200 crossways		Ast(mm) 1804
Aisle width for pallets 800x1200 lengthways		Ast(mm) 1854
Turning radius		Wa(mm) 1393
Performance Data	Travel speed, laden / unladen	(km/h) 4.2/4.5
	Max, gradeability, laden / unladen	(%) 6/10
Motor	Brake type	Electromagnetic
	Drive motor rating	(kw) 0.75
	Lift motor rating	(kw) 0.8
	Battery acc. to DIN 43531/35/36 A,B,C,no	no
	Battery voltage, nominal capacity	(v/Ah) 12/75*2
	Battery weight ($\pm 5\%$)	(kg) 18.8*2
	Type of drive control	DC speed control
	Sound level at driver's ear acc. to EN 12053	(dB(A)) ≤ 70
Steering mode	Mechanical steering	

EPT20E ELECTRIC PALLET TRUCK

Capacity 2000 KGS
Li-Ion battery
Moves quick and efficient
Perfect alternative to hand pallet truck



● Pin-code handle
(For option)



PU tandem wheel
Stable and Durable



Thick metal cover
Protect internal motor



Emergency button
Make operator safety



Replaceable battery
Convenient charging



Main Feature



High strength chassis design

The high strength chassis and compact design ensure the long life and flexibility. Specifically supported by its perfect metal welding and bending technology, and metal toughness as well.



Variety battery capacity available

By pairing battery volumes and its chargers to match various work time demands.



Security and stability

The hydraulic lifting system of this vehicle adopts the design without oil pipe, which greatly improves the reliability of the hydraulic system and reduces the risk of oil leakage of the joint or oil pipe.

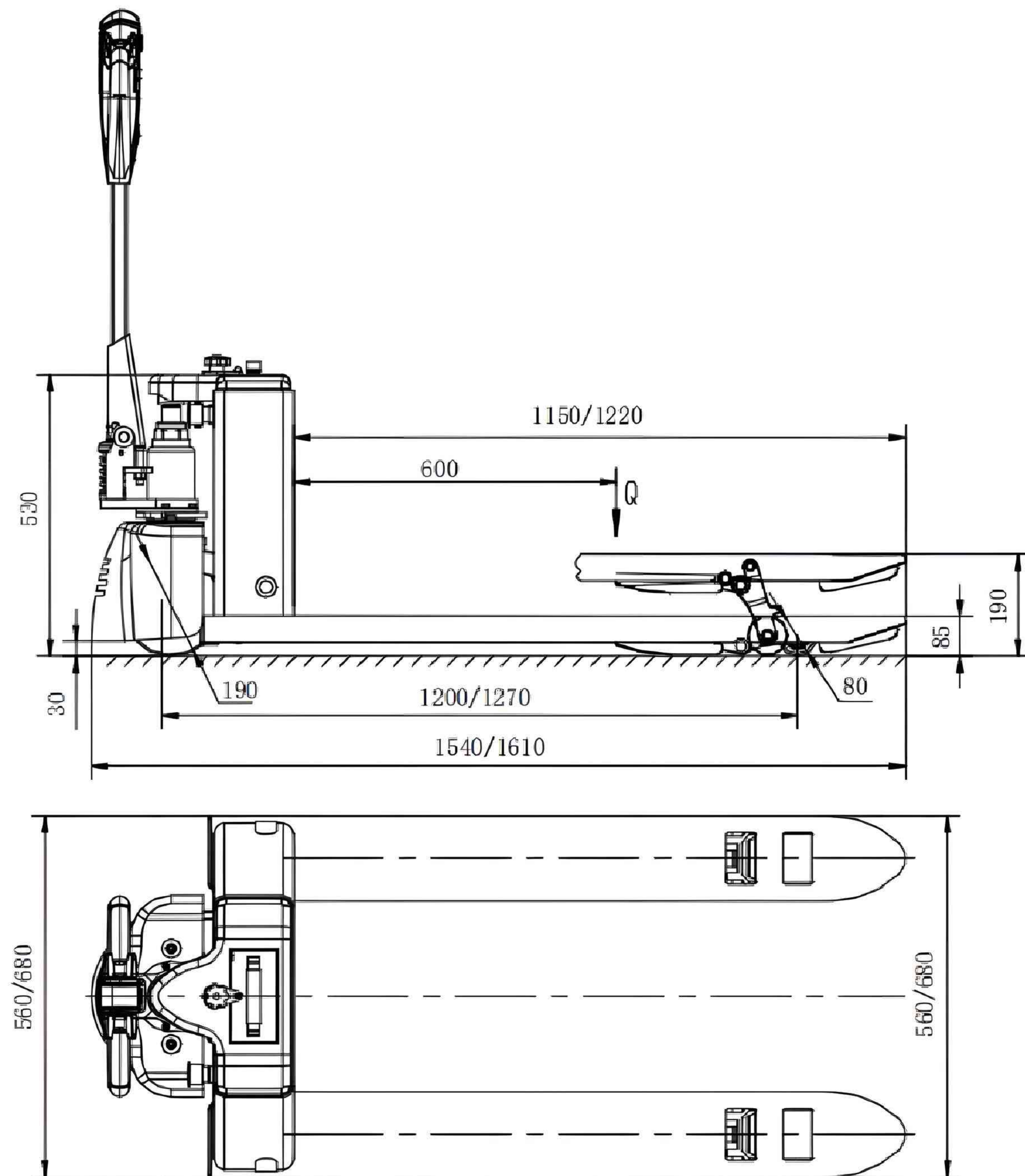


Intelligent control system

Equipped with CAN-BUS technology, automatically monitoring the status of the truck, and fault diagnosis.

SPECIFICATION

Technical Specification



EPT20E

Technical Specification

	Model	EPT20E
Identification	Drive mode	Electric drive
	Operator type	by Walking
	Load capacity	t 2
	Load centre distance	mm 600
	Load distance, centre of drive axle to fork	mm 840/910
	Wheelbase	mm 1220
Weights	Weight	kg 140
	Wheel type	PU
Wheels	Drive wheel	mm $\Phi 190 \times 70$
	Rear wheel size (single wheel)	mm $\Phi 80 \times 93$
	Tandem size, rear wheel	mm $\Phi 80 \times 70$
	Wheel numbers, (front/rear)	1/2(single) 4(tandem)
	Wheel tread, rear wheel	mm 400/520
	Dimensions	Lifting height
Height of tiller in drive position min./ max.		mm 800-1240
Height when lowered		mm 75/85
Overall length		mm 1540/1610
Fork length		mm 1150/1220
Overall width		mm 560/680
Fork dimensions		mm 50*160*1150 / 50*160*1220
Overall width of Forks		mm 560/680
Minimum ground clearance		mm 30
Turning radius		mm 1350
Performance		Travel speed, laden / unladen
	Turtle speed	km/h 2.25
	Lifting speed, laden / unladen	m/s 17-22
	Lowering speed, laden / unladen	m/s 26-30
	Max, gradeability, laden / unladen	% 6/10
	Brake type	Electromagnetic
Motor	Drive motor power	kw 0.85
	Lift motor power	kw 0.6
	Battery voltage	V/AH 48V/15AH
	Battery weight	kg 4.5
	Charger	V/A 48/6
	Charging time	H 2.5

EPT20ES SCALE ELECTRIC PALLET TRUCK

Capacity 2000 KGS

Drive by Li-Ion

With 4 accurate press sensor cells

Accuracy ± 1 KG

Quick move and quick weighing



● Pin-code handle
(For option)

Drive control

Turtle speed

Battery indicator

Magnetic movable key

Emergency reverse

Horn

Lifting & lowering



3 mm thickness motor cover

Steel motor protective cover, thick, collision proof. All kinds of collision and extrusion during the handling process, play a decisive protection.



PU tandem wheel

The tandem wheels ensure the maximum stability and safety of cargo transportation.



Replaceable battery

Make the charging conveniently



Main Feature



High strength chassis design

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Variety battery capacity available

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Security and stability

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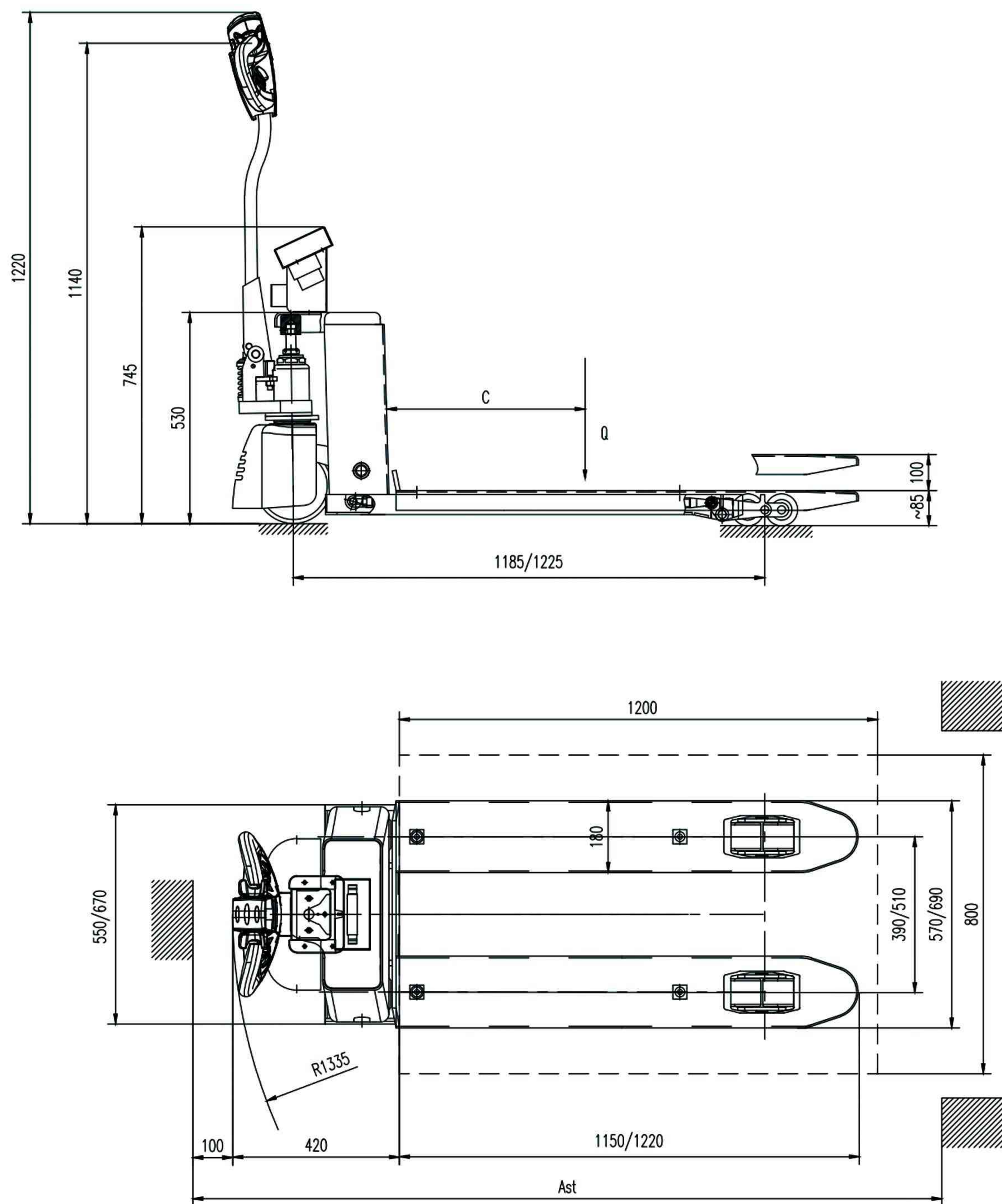


Intelligent control system

Equipped with CAN-BUS technology, automatically monitoring the status of the truck, and fault diagnosis.

SPECIFICATION

Technical Specification



EPT20ES

Technical Specification

	Model	EPT20/ES
Identification	Drive method	Electric (Battery)
	Driving type	By walking
	Load capacity	kg 2000
	Load centre distance	mm 600
	Wheelbase	mm 1220
	Weight	kg 132
	Wheel material	PU
Sizes	Drive wheel size and numbers	Φ210×70/1
	Roller size and numbers	Φ80×70/4
	Lift height	mm 110
	Height of tiller in drive position Max	mm 1200
	Min. fork height	mm 85 / 75
	Total length Total Width	mm 1540 560/680
	Single fork dimensions	mm 160×1150
	Ground clearance	mm 30
	Aisle width for pallets 1000x1200 crossways	mm 1500
	Turning Radius	mm 1350
	Performance	Drive Speed, unladen
Lifting speed, laden / unladen		mm/s 22 / 17
Lowering speed, laden / unladen		mm/s 26 / 30
Max. gradeability, laden / unladen		% 6 / 10
Brake type		Electromagnetic
Power of Drive motor Power of lifting motor		kw 0.75 0.5
Motor Battery		Battery capacity
	Battery weight	kg 4.5
	Charger Model	48V6A
	Charging time Working time after full charge	h 3 1.5
	Operating voltage	3.7v DC
Others	Load capacity range	kg 1 - 2000
	Instrument accuracy	kg 1
	Sensor tolerance	% ≤0.02%
	Sensor safe overload range	% 150%

QET20 ELECTRIC PALLET TRUCK

Capacity 2000 KGS
 Electric walkie pallet truck
 Economic and practical
 Drive by Li-Ion



Emergency reverse

Horn

Lifting & Lowering

Drive control

Turtle speed



Battery indicator & Key lock

External socket
 Convenient for charging



Emergency button
 Located where you can easily reach and control, assuring safety for people and vehicle.



Tandem load roller
 Guarantees for maximum stability and safety



Main Feature



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Intelligent control system

Equipped with CAN-BUS technology, automatically monitoring the status of the truck, and fault diagnosis.

PRODUCT

Product display

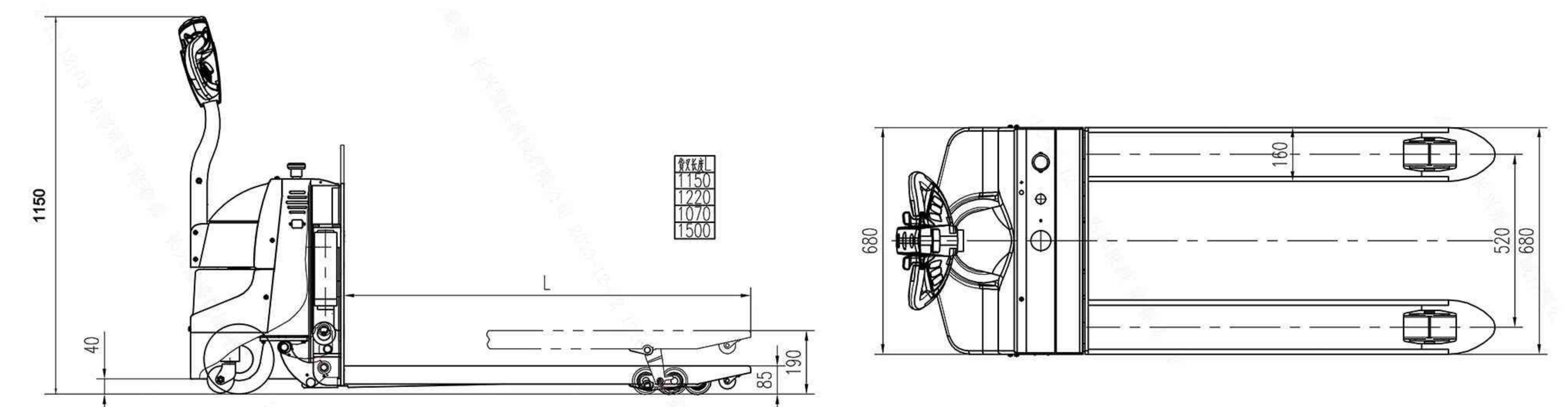


Suitable for long distance transportation inside the warehouse
 Suitable for logistics companies

QET20

Technical Specification

Model	QET20	
Load capacity	Q(t)	2.0
Load center distance	C(mm)	600
Max.lift height	h3(mm)	190
Min.lowered height	h6(mm)	75/85
Fork length	L(mm)	1150/1220
Fork width	B(mm)	540/560/650/680
Ground clearance	b7	40
Drive speed, laden/unladen	km/h	4.5/4.6
Lifting speed, laden/unladen	mm/s	32/55
Lowering speed, laden/unladen	mm/s	60/32
Battery capacity	V/Ah	48V/30Ah (Li-Ion)
Wheel base	Y(mm)	1266/1336
Min.turning radius	Wa(mm)	1430/1500
Overall length	L1(mm)	1620/1690
Overall width	b1(mm)	680
body height	b8(mm)	650
Load wheel size	b2(mm)	80*70
Drive wheel size	b4(mm)	190*70
Net weight	kg	270/274



QET20P / QET25P / QET30P RIDER-CONTROL ELECTRIC PALLET TRUCK

Capacity 2000 KGS / 2500 KGS / 3000 KGS

Suitable for heavy and long distance operations

Equipped foldable platforms and floating drive wheels

Suitable for logistics companies



Emergency reverse

Horn

Lifting & Lowering

Drive control

Turtle speed



Emergency switch
Battery indicator

Foldable arm

Increase security and protect the safety of users



Foldable platform

The operator can choose the operate type by walking or riding on platform.



Replaceable battery

Designed on side of the vehicle, which is easy to replace and charge easily.



Main Feature



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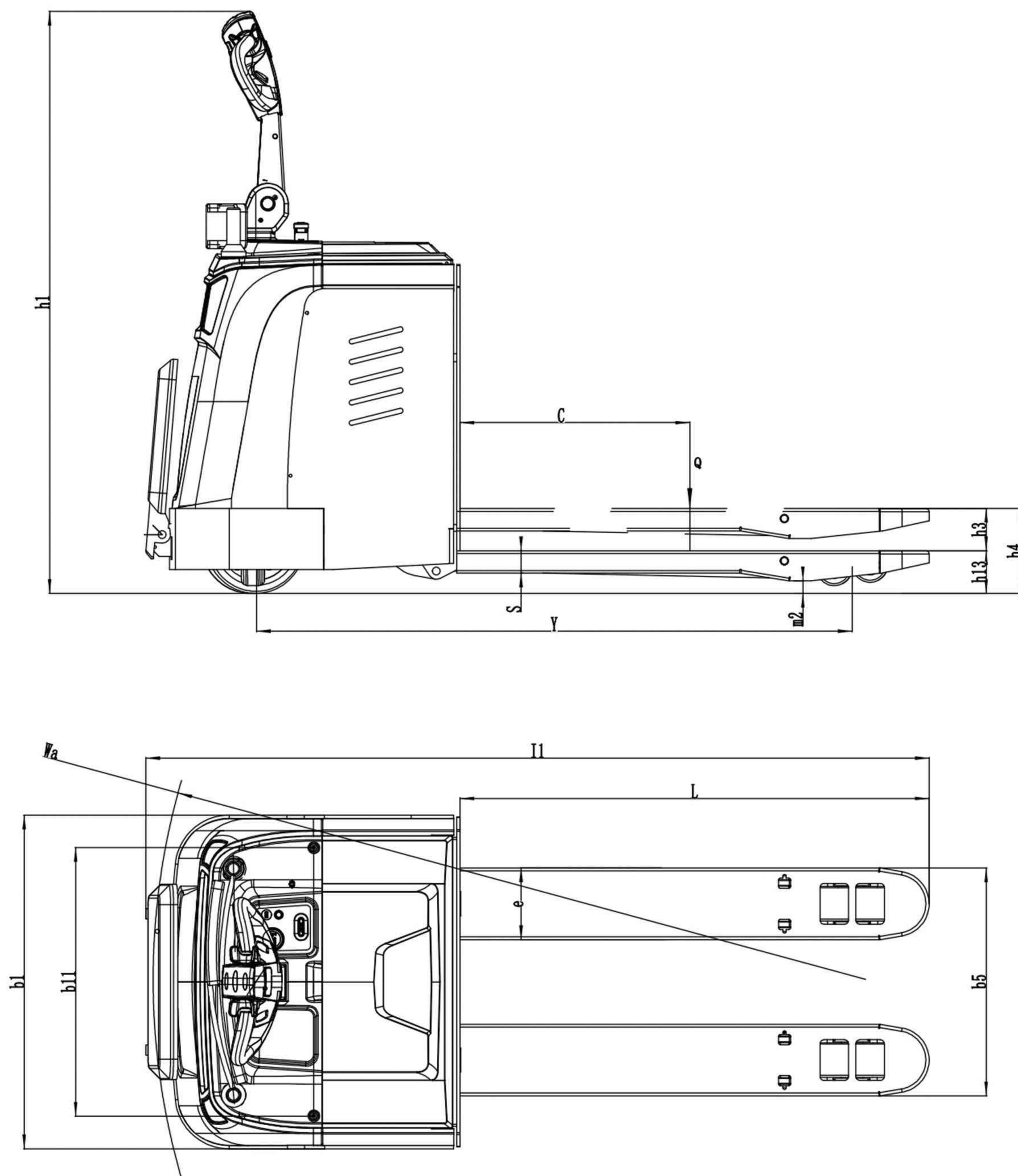


Intelligent control system

Equipped with CAN-BUS technology, automatically monitoring the status of the truck, and fault diagnosis.

SPECIFICATION

Technical Specification



QET20P / 25P / 30P

Technical Specification

Model		QET20P / 25P / 30P
Identification	Drive mode	Electric drive
	Operator type	Station drive
	Load capacity	Q(kg) 2000/2500/3000
	Load center distance	c(mm) 600
Weights	Net weight (with battery)	kg 810
Wheels	Wheel material	PU
	Front wheel size	mm $\Phi 80 \times 70$
	Rear wheel size	mm $\Phi 115 \times 55$
	Drive wheel size	mm $\Phi 250 \times 80$
Sizes	Rear wheel distance	b11(mm) 625
	Wheel base	Y(mm) 1500
	Lifting height	h3(mm) 120
	Vehicle height	h1(mm) 1450
	Max. Lifted height	h4(mm) 205
	Lowered height	h13(mm) 85
	Overall length	l1(mm) 1930
	Overall width	b1(mm) 820
	Dimension of fork	s/e/l(mm) 50/176/1150
	Overall width of forks	b5(mm) 560/685
	Minimum ground clearance	m2(mm) 30
	Aisle width for pallets 1000x1200 crossways	Ast(mm) 2130
	Aisle width for pallets 800x1200 lengthways	Ast(mm) 2180
	Turning radius	Wa(mm) 1750
Performance	Travel speed, laden / unladen	km/h 5.5/5.8
	Lifting speed, laden / unladen	m/s 0.04/0.05
	Lowering speed, laden / unladen	m/s 0.06/0.05
	Max, gradeability, laden / unladen	% 8/20
	Brake type	Electromagnetic
Motor	Drvie motor power Lift motor power	kw 1.5 / 1.5 / 2.2 (AC) 2.2
	Battery capacity	V/Ah 24/210 (270)
	Battery weight	kg 200/260
	Steering mode	Electric steering
	Sound level at driver's ear acc. to EN 12053	dB(A) <70

SES10 / SES12 ELECTRIC SELF-LIFTING STACKER

Capacity 1000 KGS / 1200 KGS

SES10/SES12 Self-lifting truck and stacker are designed to facilitate freight loading. Operations are more efficient and loading is more easier.

Load capacity is 1 ton and 1.2 tons, lifting height from 90 cm to 160 cm. The compact and lightweight design is suitable for various application scenarios.



● Pin-code handle (For option)

Drive control

Turtle speed

Battery indicator

Magnetic movable key

Emergency reverse

Horn

Lifting & lowering



Magnetic control

It can hold on the metal easily and not possible to lose.



Emergency button

Located where you can easily reach and control, assuring safety for people and vehicle.



Replaceable battery

Designed on side of the vehicle, which is easy to replace and charge easily.



Solid metal leg

The legs are made of solid flat iron for higher load-bearing strength.



Main Feature



High strength chassis design

The high strength chassis and compact design ensure the long life and flexibility. Specifically supported by its perfect metal welding and bending technology, and metal toughness as well.



Variety battery capacity available

By pairing battery volumes and its chargers to match various work time demands.



Security and stability

The hydraulic lifting system of this vehicle adopts the design without oil pipe, which greatly improves the reliability of the hydraulic system and reduces the risk of oil leakage of the joint or oil pipe.

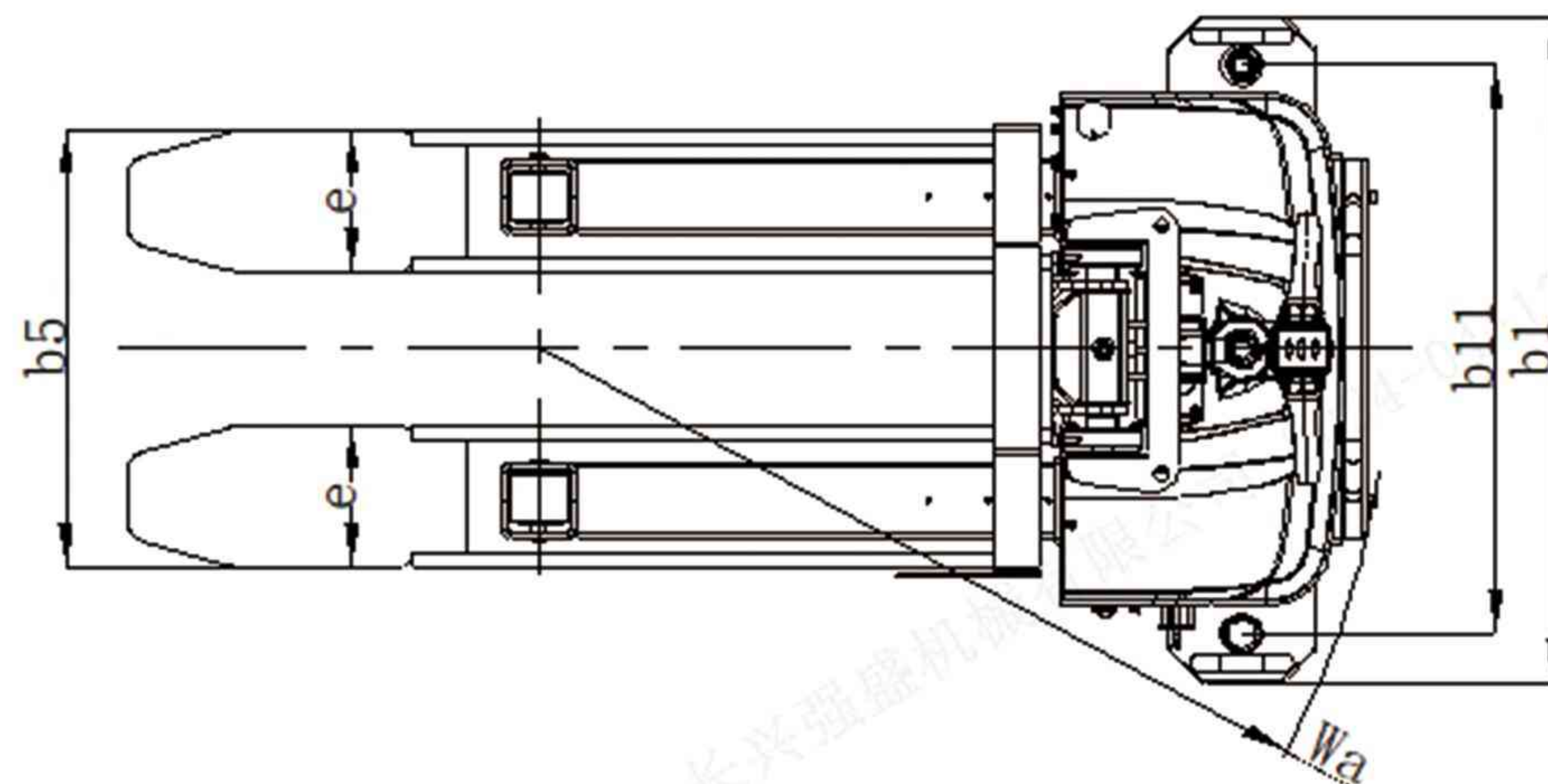
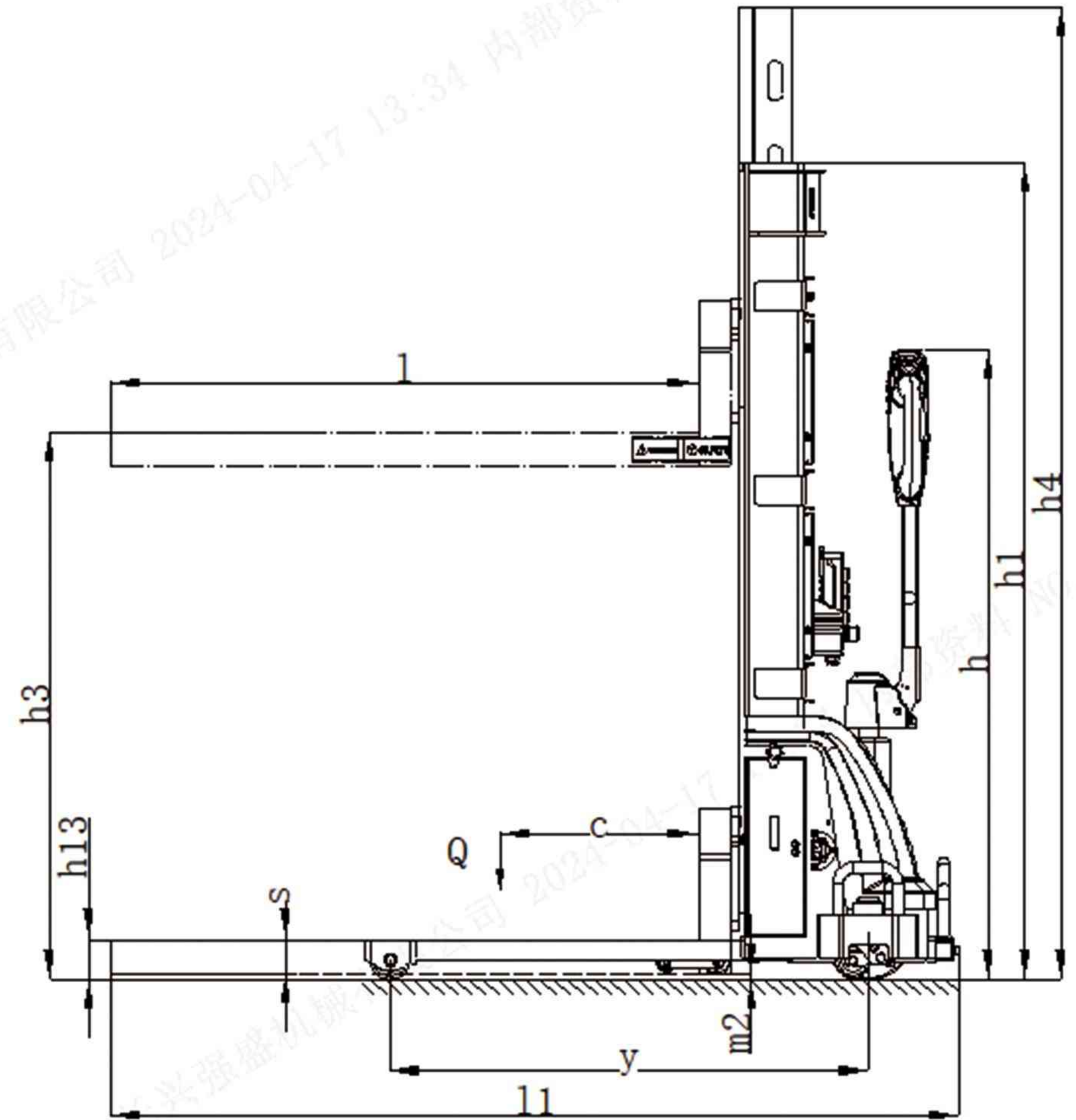


Intelligent control system

Equipped with CAN-BUS technology, automatically monitoring the status of the truck, and fault diagnosis.

SPECIFICATION

Technical Specification



SES10 / SES12

Technical Specification

	Model	SES10 / SES12
Identification	Drive mode	Electric drive
	Operator type	by Walking
	Load capacity	Q(kg) 1000/1200
	Load centre distance	c(mm) 400
	Net weight	kg 400
Wheels	Wheels	PU
	Drive wheel size	mm $\Phi 190 \times 70$
	Rear wheel size	mm $\Phi 75 \times 35$
	Front wheel size	mm $\Phi 80 \times 70$
	Rear wheel distance	b1(mm) 780
	Wheel base	y(mm) 980
Dimensions	Lifting height	h3(mm) 900/1100/1300/1500/1600
	Height when mast lowered	h1(mm) 1250/1450/1650/1850/1950
	Maximum height of the whole vehicle during the operation	h4(mm) 2080/2480/2880/3280/3480
	Lowered height	h13(mm) 85
	Overall length	l1(mm) 1730
	Overall width	b1(mm) 920
	Dimension of Fork	s/e/l(mm) 70/195/1220
	Overall width of Forks	b5(mm) 560/600
	Minimum ground clearance	m2(mm) 10
	Turning radius	Wa(mm) 1180
	Height of handle from ground	h(mm) 1250
Performance	Climbing capability, laden	% 3
	Driving brake	Electromagnetic
	Drive motor power	kw 0.75
	Lift motor power	kw 2.2
	Battery voltage / rated capacity	V/AH 48/25/30AH
	Battery weight	kg 30
Steering mode	Mechanical steering	

QSS15-SL SEMI-ELECTRIC WALKIE PALLET STACKER (STRADDLE LEG)

Load capacity 1500 KGS

Lift up to 1600 mm - 3500 mm

The best choice for short distance transportation



Main Feature



Variety battery capacity available

By pairing battery volumes and its chargers to match various work time demands.



Security and stability

The hydraulic lifting system of this vehicle adopts the design without oil pipe, which greatly improves the reliability of the hydraulic system and reduces the risk of oil leakage of the joint or oil pipe.

Thickened mast frame

The mast is equipped with precision steel side wheel guide.



Emergency button

Located where you can easily reach and control, assuring safety for people and vehicle.



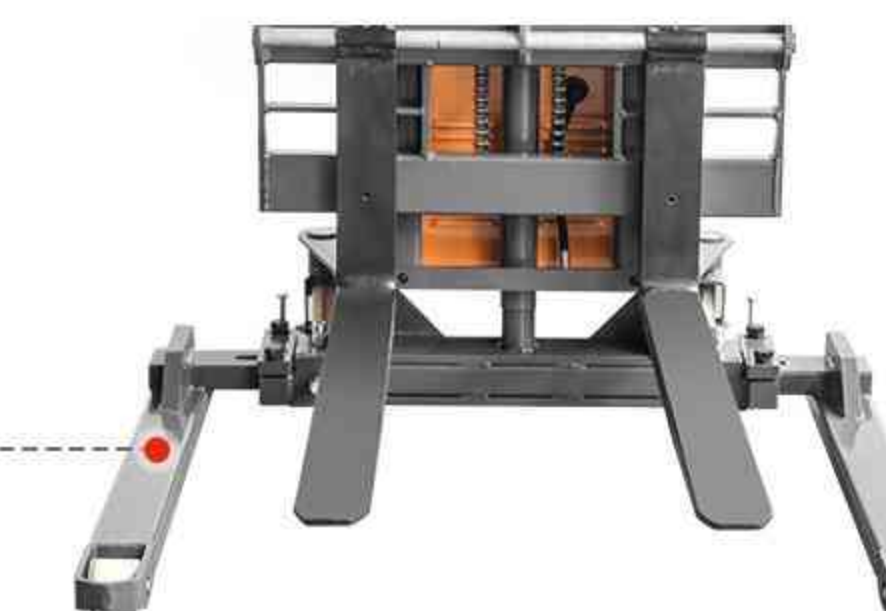
Replaceable battery

mechanical steering, ergonomic, flexible handling.



Solid metal leg

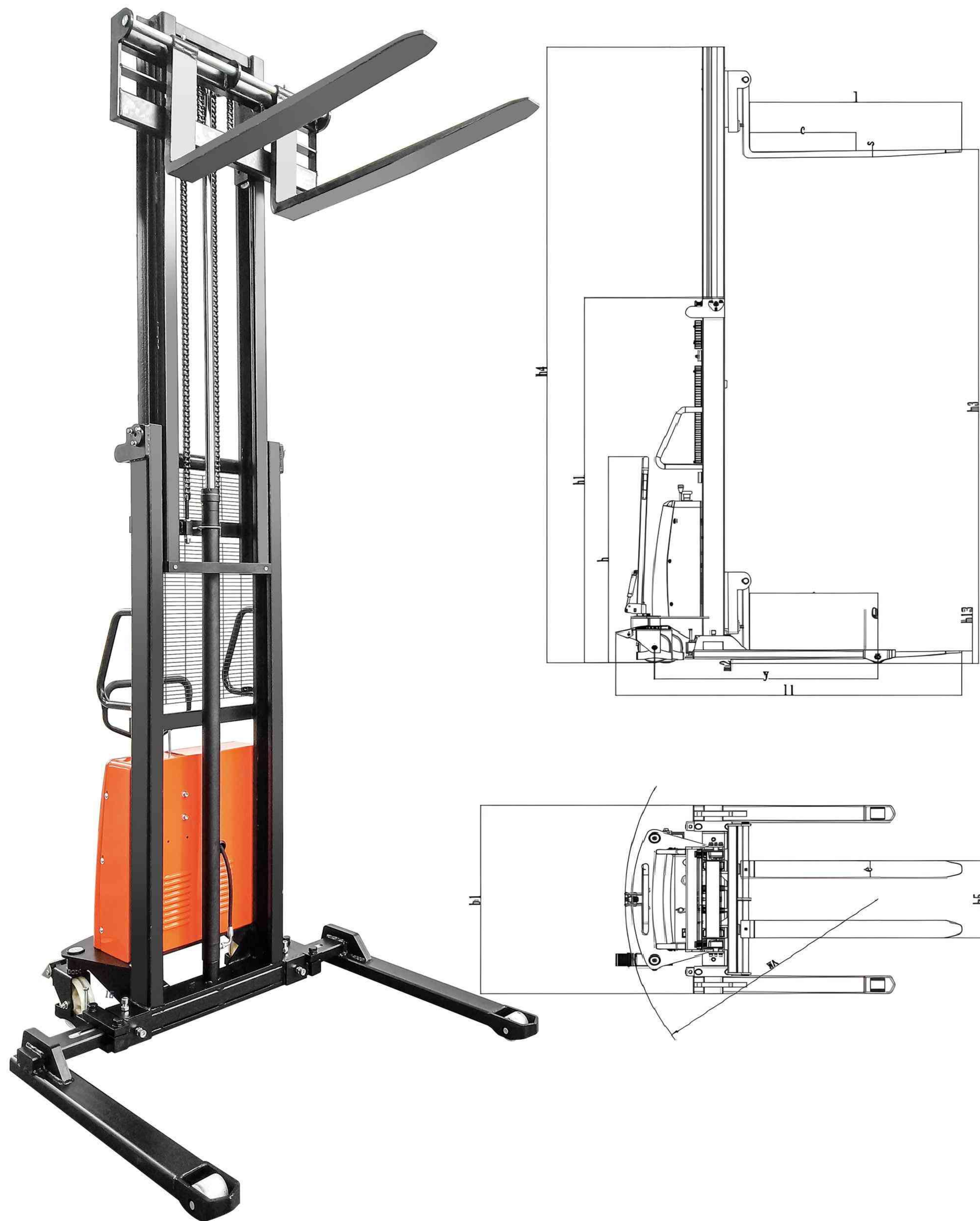
Steady chassis
Adjustable leg



Use handle to control fork height electrically

SPECIFICATION

Technical Specification



QSS15-SL

Technical Specification

Model	QSS15-SL					
Operation		Manual				
Load capacity	Q(kg)	1500				
Mast type		Single mast		Duplex mast		
Lift height	h3(mm)	1600	2000	2500	3000	3500
Capacity at highest height	kg	1500	1100	900	700	500
Service weight with battery	kg	470	497	531	565	587
Load center	c(mm)	600				
Front overhang	x(mm)	693				
Wheel base	y(mm)	1210				
Wheel type		PU				
Driving wheel size	Φ×W(mm)	Φ180×50				
Bearing wheel size	Φ×W(mm)	Φ80×70				
Balancing wheel size	Φ×W(mm)	Φ180×50				
Wheel number, front/rear(x=driven)		2/2				
Height of mast, lowered	h1(mm)	2135	1635	1885	2135	2385
Height of mast, Max height	h4(mm)	2135	2605	3105	3605	4105
Fork height, lowered	h13(mm)	60	60	60	60	60
Overall length	l1(mm)	1875				
Overall width	b1(mm)	1100~1500				
Fork dimensions	s/e/l(mm)	35/100/1150				
Width of fork	b5(mm)	210~850				
Min.Ground clearance	m2(mm)	40				
Aisle width with pallet 1000×1200 across forks	Ast(mm)	2409~2443				
Aisle width with pallet 800×1200 along forks	Ast(mm)	2317~2443				
Min.Turning radius	Wa(mm)	1369				
Lifting speed. laden / unladen	mm/s	68 (114)	65 (102)	65 (102)	65 (102)	65 (102)
Lowering speed. laden / unladen	mm/s	115 (89)	113 (89)	113 (89)	113 (89)	113 (89)
Service brake		Mechanical				
Lift motor power	kw	1.6				
Battery voltage/capacity	v/Ah	12/120				
Battery weight(±5%)	kg	34				
Noise level	dB(A)	≤70				

QES10E / QES12E ELECTRIC WALKIE STACKER

Light-duty walkie power stacker
Capacity 1000 KGS / 1200 KGS
Lift up to 1600 mm - 3500 mm

Compact design and economic
Short turning radius

Suitable for small space work



● Pin-code handle
(For option)

Drive control

Turtle speed

Battery indicator

Magnetic movable key

Emergency reverse

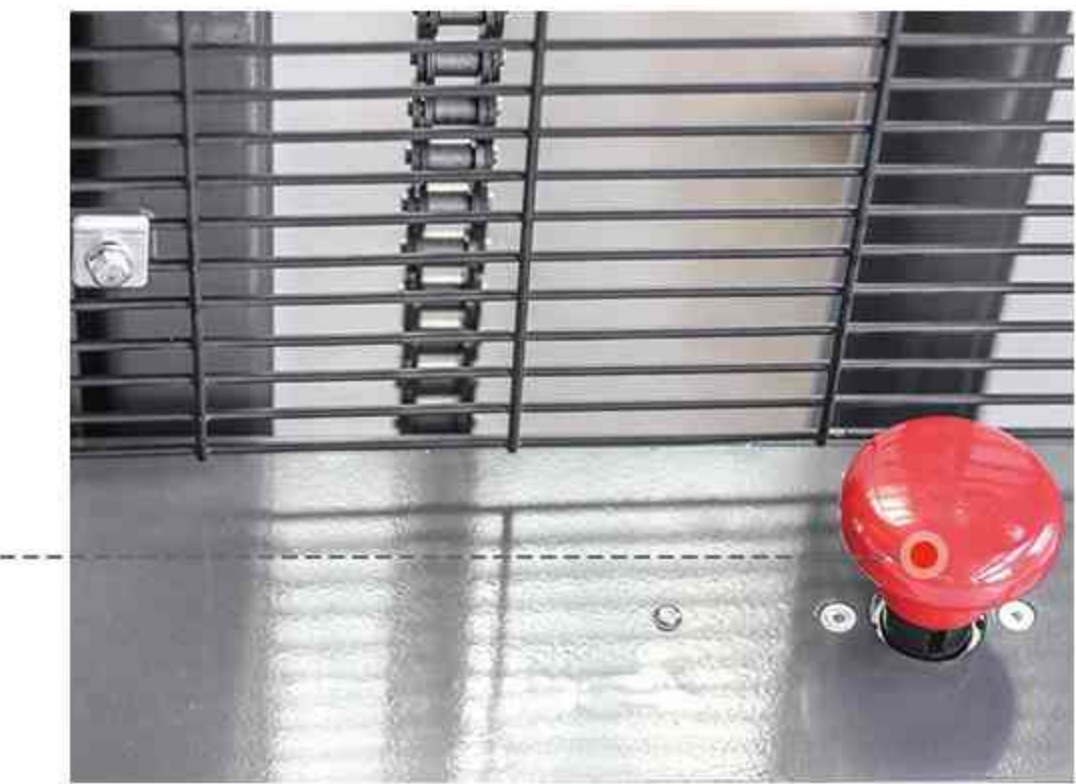
Horn

Lifting & lowering



Emergency button

Located where you can easily reach and control, assuring safety for people and vehicle.



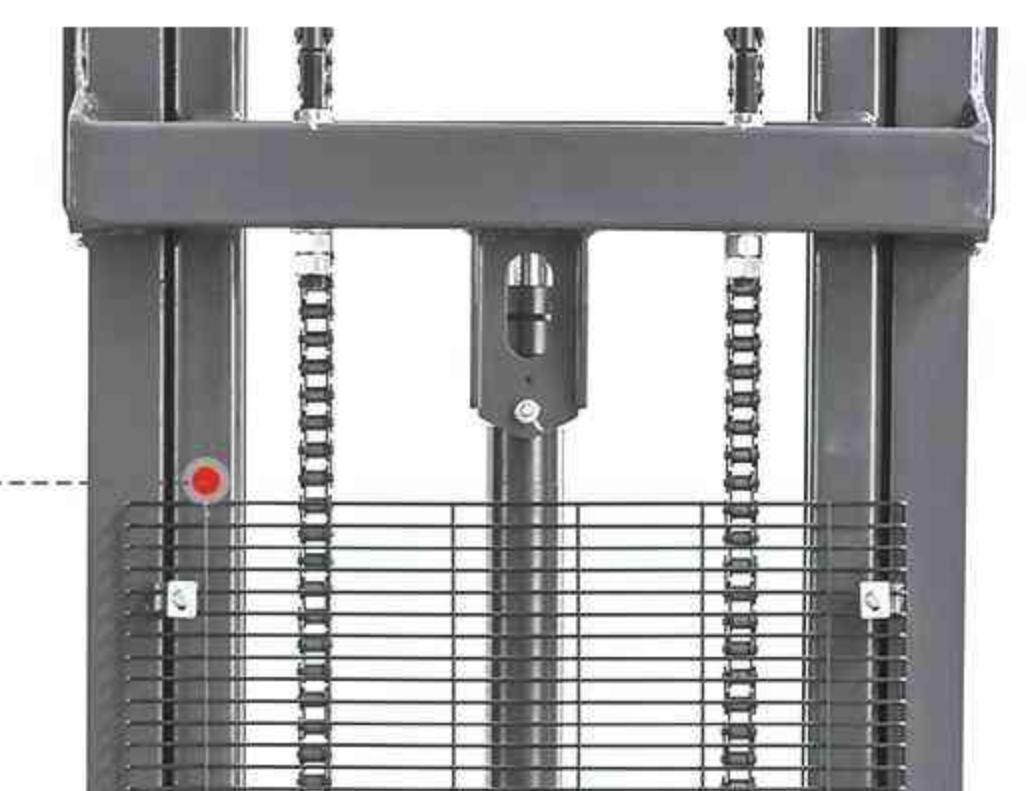
Long handle

mechanical steering, ergonomic, flexible handling.



Thickened mast frame

The mast is equipped with precision steel side wheel guide to reduce friction and make the mast more stable.



Main Feature



High strength chassis design

The high strength chassis and compact design ensure the long life and flexibility. Specifically supported by its perfect metal welding and bending technology, and metal toughness as well.



Variety battery capacity available

By pairing battery volumes and its chargers to match various work time demands.



Security and stability

The hydraulic lifting system of this vehicle adopts the design without oil pipe, which greatly improves the reliability of the hydraulic system and reduces the risk of oil leakage of the joint or oil pipe.

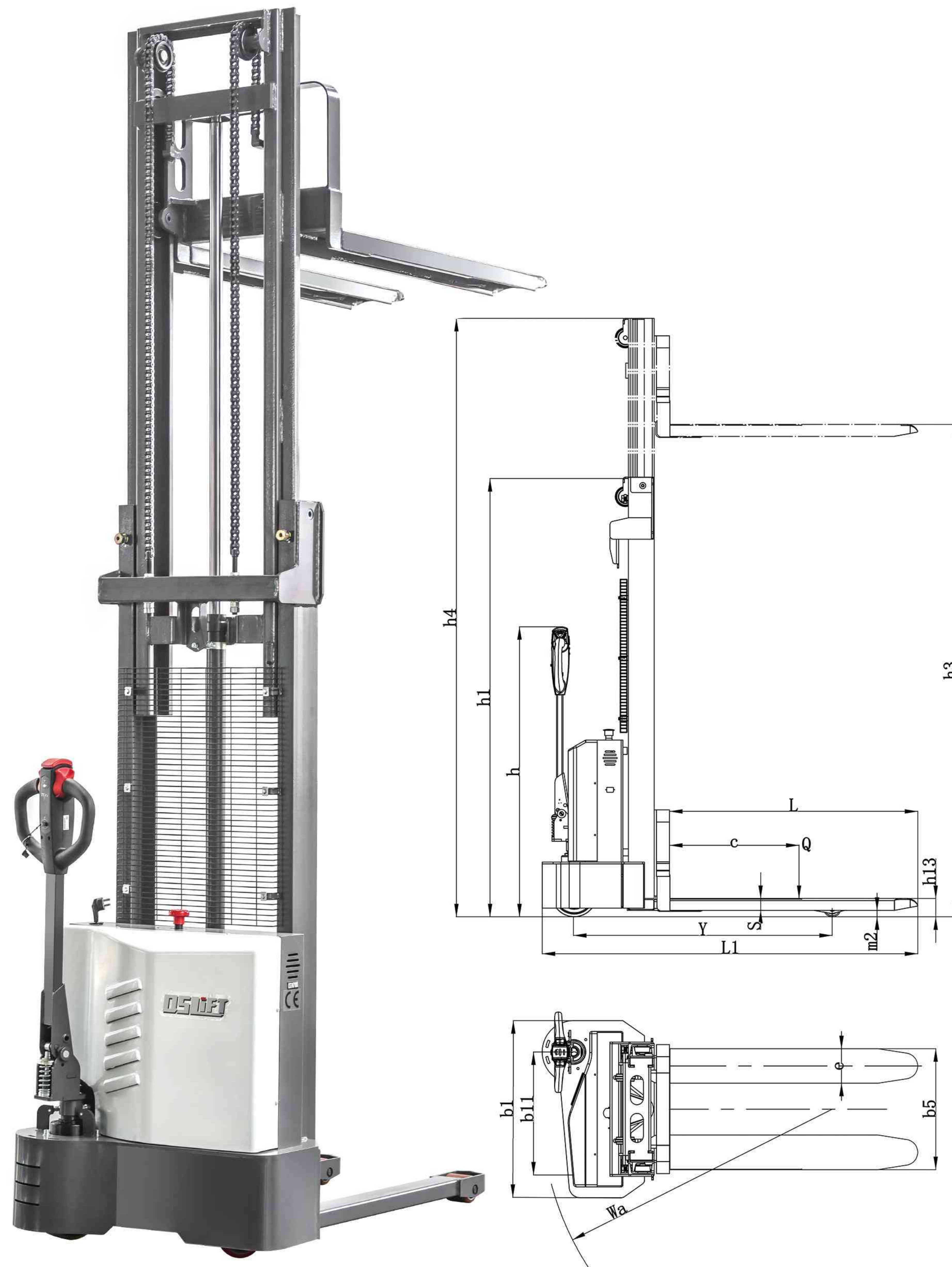


Intelligent control system

Equipped with CAN-BUS technology, automatically monitoring the status of the truck, and fault diagnosis.

SPECIFICATION

Technical Specification



QES10E / QES12E

Technical Specification

	Model	QES10E / QES12E
Identification	Drive Method	Electric
	Operate type	Pedestrian
	Load capacity	Q(kg) 1000/1200
	Load centre distance	c(mm) 600
Weights	Weight with battery	kg 430
Wheels	Wheel material	PU
	Wheel size, front rear	mm $\Phi 80 \times 70$ $\Phi 150 \times 50$
	Drive wheel size	mm $\Phi 210 \times 70$
	Tread, front	b11(mm) 625
Sizes	Distance from front wheel to steering wheel	Y(mm) 1210
	Lifting height	h3(mm) 1600/2000/2500/3000/3300/3500
	Mast height, lowered	h1(mm) 2010/1530/1780/2030/2180/2280
	Handle height from ground	h(mm) 1450
	Max.height when operation	h4(mm) 2010/2490/2990/3490/3790/3990
	Lowered height	h13(mm) 90
	Overall length	l1(mm) 1750
	Truck width	b1(mm) 820
	Fork size	S/e/l(mm) 55/160/1070 (1150)
	Width across forks	b5(mm) 560/685
	Ground clearance, centre of wheelbase	m2(mm) 30
	Aisle width for pallets 1000x1200 crossways	Ast(mm) 2230
	Aisle width for pallets 800x1200 lengthways	Ast(mm) 2305
	Turning radius	Wa(mm) 1440
Performance	Travel speed, laden / unladen	km/h 3.5/4
	Lifting speed, laden / unladen	mm/s 80/120
	Lowering speed, laden / unladen	mm/s 120/100
	Max, gradeability, laden / unladen	% 5/8
Motor	Brake type	Electromagnetic
	Drive motor power Lift motor power	kw 0.75 2.2
	Battery capacity	V/Ah 24/70 (100)
	Battery weight	kg 2x25
	Steering mode	Mechanical steering
	Sound level at driver's ear acc. to EN 12053	dB(A) <70



QES10E-SL / QES12E-SL ELECTRIC WALKIE STACKER (STRADDLE LEG)

Light-duty walkie power stacker
Capacity 1000 KGS / 1200 KGS
Lift up to 1600 mm - 3500 mm

Compact design and economic
Short turning radius

Suitable for small space work



● Pin-code handle
(For option)

Drive control

Turtle speed

Battery indicator

Magnetic movable key

Emergency reverse

Horn

Lifting & lowering



Emergency button

Located where you can easily reach and control, assuring safety for people and vehicle.



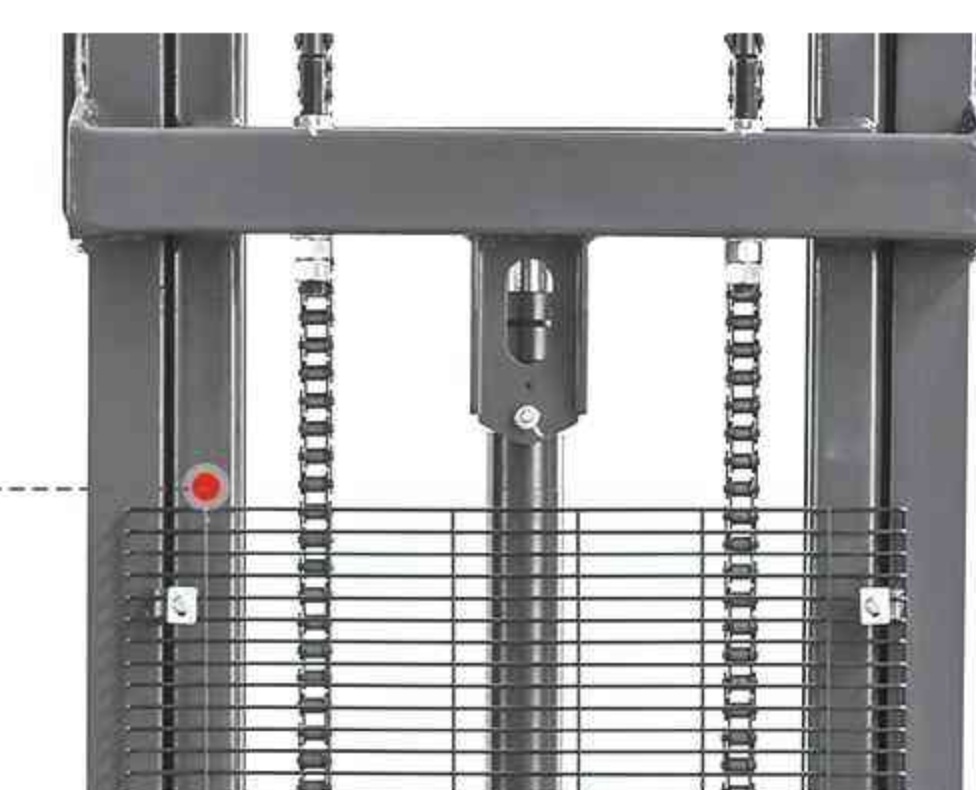
Long handle

mechanical steering, ergonomic, flexible handling.



Thickened mast frame

The mast is equipped with precision steel side wheel guide to reduce friction and make the mast more stable.



Main Feature



High strength chassis design

The high strength chassis and compact design ensure the long life and flexibility. Specifically supported by its perfect metal welding and bending technology, and metal toughness as well.



Variety battery capacity available

By pairing battery volumes and its chargers to match various work time demands.



Security and stability

The hydraulic lifting system of this vehicle adopts the design without oil pipe, which greatly improves the reliability of the hydraulic system and reduces the risk of oil leakage of the joint or oil pipe.



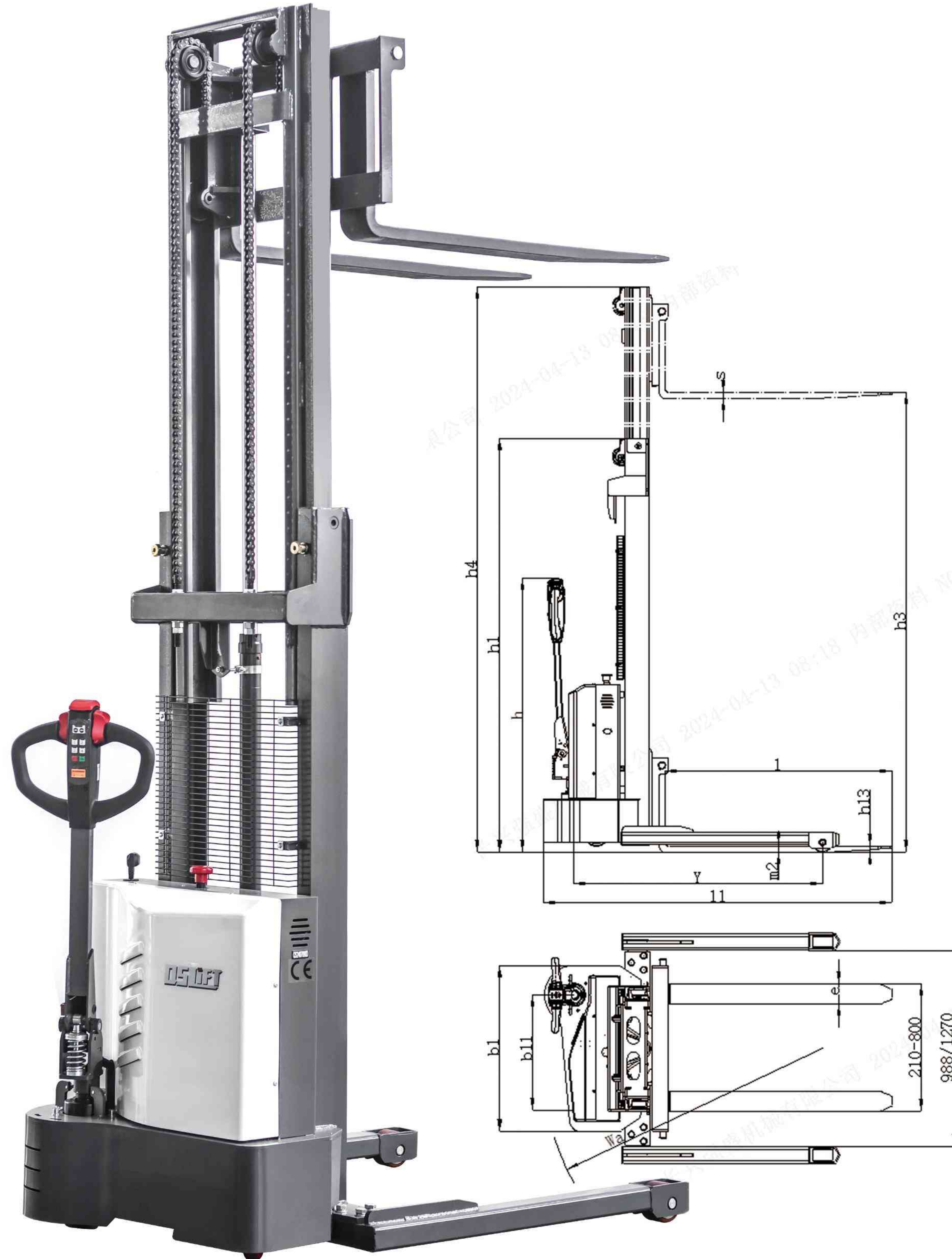
Intelligent control system

Equipped with CAN-BUS technology, automatically monitoring the status of the truck, and fault diagnosis.

SPECIFICATION

Technical Specification

QES10E-SL / QES12E-SL Electric walkie stacker



Technical Specification

	Model	QES10E-SL / QES12E-SL
Identification	Drive Method	Electric
	Operate type	Pedestrian
	Load capacity	Q(kg) 1000/1200
	Load centre distance	c(mm) 600
Weights	Weight with battery	kg 520
Wheels	Wheel material	PU
	Wheel size, front rear	mm $\Phi 80 \times 70$ $\Phi 150 \times 50$
	Drive wheel size	mm $\Phi 210 \times 70$
	Tread, front	b11(mm) 625
	Distance from front wheel to steering wheel	Y(mm) 1210
Sizes	Lifting height	h3(mm) 1600/2000/2500/3000/3300/3500
	Mast height, lowered	h1(mm) 2010/1530/1780/2030/2180/2280
	Handle height from ground	h(mm) 1450
	Max.height when operation	h4(mm) 2010/2490/2990/3490/3790/3990
	Lowered height	h13(mm) 90
	Overall length	l1(mm) 1750
	Truck width	b1(mm) 820
	Fork size	S/e/l(mm) 30/100/1070
	Width across forks	b5(mm) 210-800
	Ground clearance, centre of wheelbase	m2(mm) 30
	Aisle width for pallets 1000x1200 crossways	Ast(mm) 2230
	Aisle width for pallets 800x1200 lengthways	Ast(mm) 2305
	Turning radius	Wa(mm) 1600
Performance	Travel speed, laden / unladen	km/h 3.5/4
	Lifting speed, laden / unladen	mm/s 80/120
	Lowering speed, laden / unladen	mm/s 120/100
	Max, gradeability, laden / unladen	% 5/8
	Brake type	Electromagnetic
Motor	Drive motor power Lift motor power	kw 0.75 2.2
	Battery capacity	V/Ah 24/80 (100)
	Battery weight	kg 2×25
	Steering mode	Mechanical steering
	Sound level at driver's ear acc. to EN 12053	dB(A) <70

QES10E-SL / QES12E-SL Electric walkie stacker

QES15E / QES20E ELECTRIC PALLET TRUCK

- Capacity 1500 KGS / 2000 KGS
- Powered by Lithium battery
- Designed with long handle
- Lift up to 1600 mm - 4000 mm
- Compact design
- Short turning radius
- Suitable for small warehouse operations



● Pin-code handle
(For option)

Drive control

Turtle speed

Battery indicator

Magnetic movable key

Emergency reverse

Horn

Lifting & lowering



Reinforced chain

Using the national standard GB1244 plate chain instead of the traditional roller chain, much safer for lifting.



Emergency button

Located where you can easily reach and control, assuring safety for people and vehicle.



Thickened mast frame

The mast is equipped with precision steel side wheel guide to reduce friction and make the mast more stable.



Solid metal leg

The legs are made of solid flat iron for higher load-bearing strength.



Main Feature



High strength chassis design

The high strength chassis and compact design ensure the long life and flexibility. Specifically supported by its perfect metal welding and bending technology, and metal toughness as well.



Variety battery capacity available

By pairing battery volumes and its chargers to match various work time demands.



Security and stability

The hydraulic lifting system of this vehicle adopts the design without oil pipe, which greatly improves the reliability of the hydraulic system and reduces the risk of oil leakage of the joint or oil pipe.

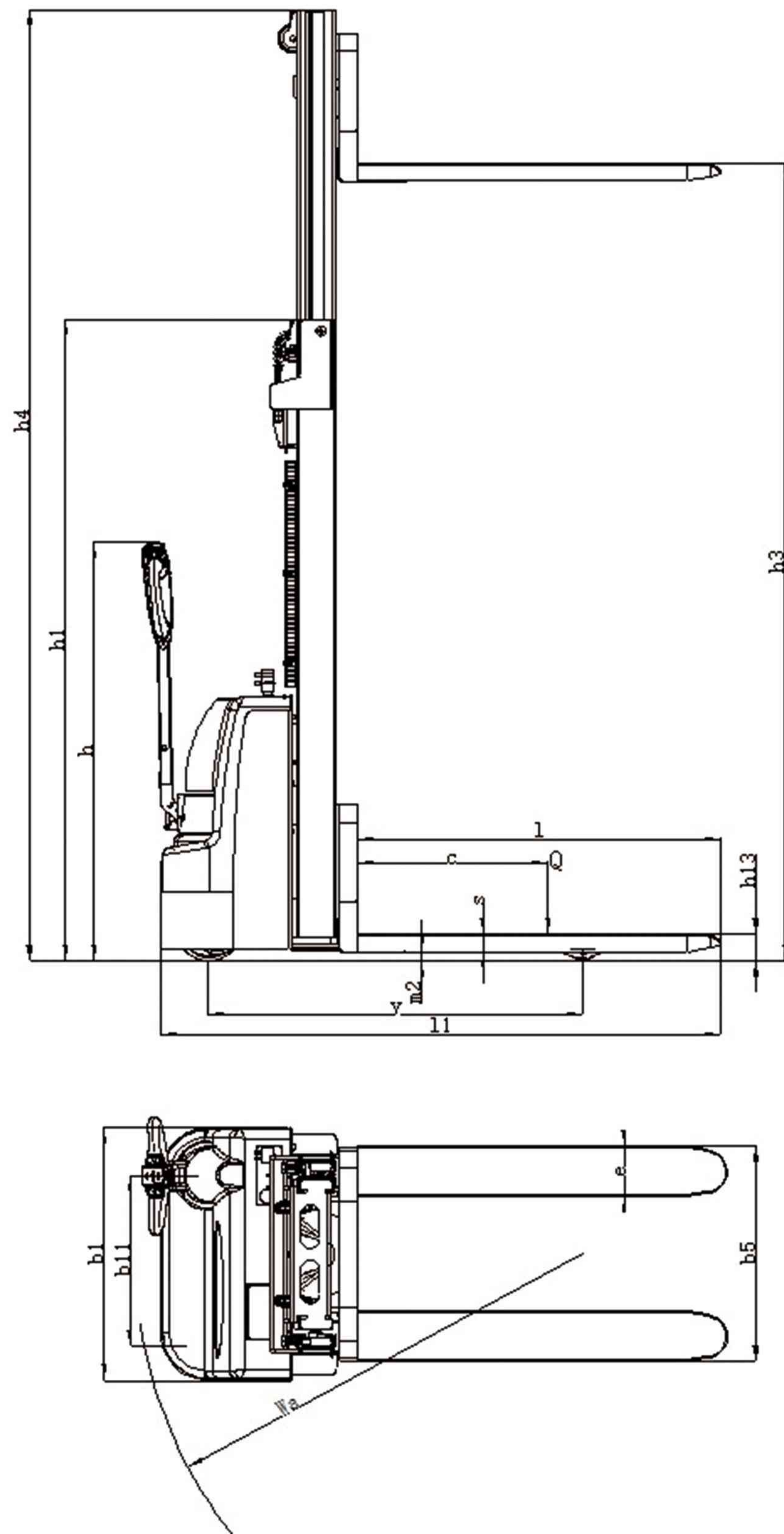


Intelligent control system

Equipped with CAN-BUS technology, automatically monitoring the status of the truck, and fault diagnosis.

SPECIFICATION

Technical Specification



Technical Specification

	Model	QES15E / QES20E
Identification	Drive mode	Electric drive
	Operator type	by Walking
	Load capacity	Q(kg) 1500/2000
	Load centre distance	c(mm) 600
Weights	Net weight	kg 500
	Wheels	PU
Wheels	Front wheel size	mm $\Phi 80 \times 70$
	Rear wheel size	mm $\Phi 150 \times 50$
	Drive wheel size	mm $\Phi 210 \times 70$
	Rear wheel distance	b11(mm) 540
	Wheel base	Y(mm) 1260
	Lifting height	h3(mm) 1600/2000/2500/3000/3300/3500/4000
Basic Dimensions	Height when mast lowered	h1(mm) 2080/1530/1780/2030/2180/2280/2530
	Height of handle from ground	h(mm) 1450
	Free lift height	H2(mm) --
	Maximum height of the whole vehicle during the operation	h4(mm) 2080/2490/2990/3490/3790/3990/4490
	Lowered height	h13(mm) 90
	Overall length	l1(mm) 1780
	Overall width	b1(mm) 800
	Dimension of Fork	s/e/l(mm) 55/160/1070 (1150)
	Overall width of Forks	b5(mm) 560/685
	Minimum ground clearance	m2(mm) 30
	Aisle width for pallets 1000x1200 crossways	Ast(mm) 2230
	Aisle width for pallets 800x1200 lengthways	Ast(mm) 2305
	Turning radius	Wa(mm) 1600
	Performance Data	Driving speed, laden / unladen
Lift speed, laden / unladen		mm/s 80/120
Lowering speed, laden / unladen		mm/s 120/100
Climbing capability, laden / unladen		% 5/8
Driving brake		Electromagnetic
Motor	Drive motor power	kw 0.75
	Lift motor power	kw 2.2
	Battery voltage / rated capacity	V/Ah 24/80 (100)
	Battery weight	kg 2×25
Others Details	Steering mode	Mechanical steering
	Sound level at driver's ear acc.to EN12053	dB(A) <70



QES15E-SL ELECTRIC PALLET STACKER WITH STRADDLE LEG

- Capacity 1500 KGS
- Lead acid battery
- Li-Ion battery for option
- Lift up to 1600 mm - 3500 mm
- More stable
- Strong balancing capacity



● Pin-code handle
(For option)

Drive control

Turtle speed

Battery indicator

Magnetic movable key

Emergency reverse

Horn

Lifting & lowering



Reinforced chain

Using the national standard GB1244 plate chain instead of the traditional roller chain, much safer for lifting.



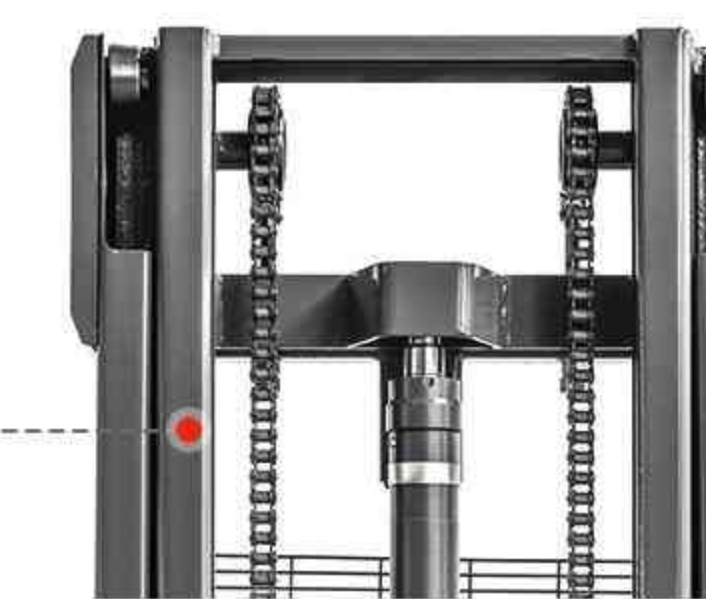
Emergency button

Located where you can easily reach and control, assuring safety for people and vehicle.



Thickened mast frame

The mast is equipped with precision steel side wheel guide to reduce friction and make the mast more stable.



Solid metal leg

The legs are made of solid flat iron for higher load-bearing strength.



Main Feature



High strength chassis design

The high strength chassis and compact design ensure the long life and flexibility. Specifically supported by its perfect metal welding and bending technology, and metal toughness as well.



Variety battery capacity available

By pairing battery volumes and its chargers to match various work time demands.



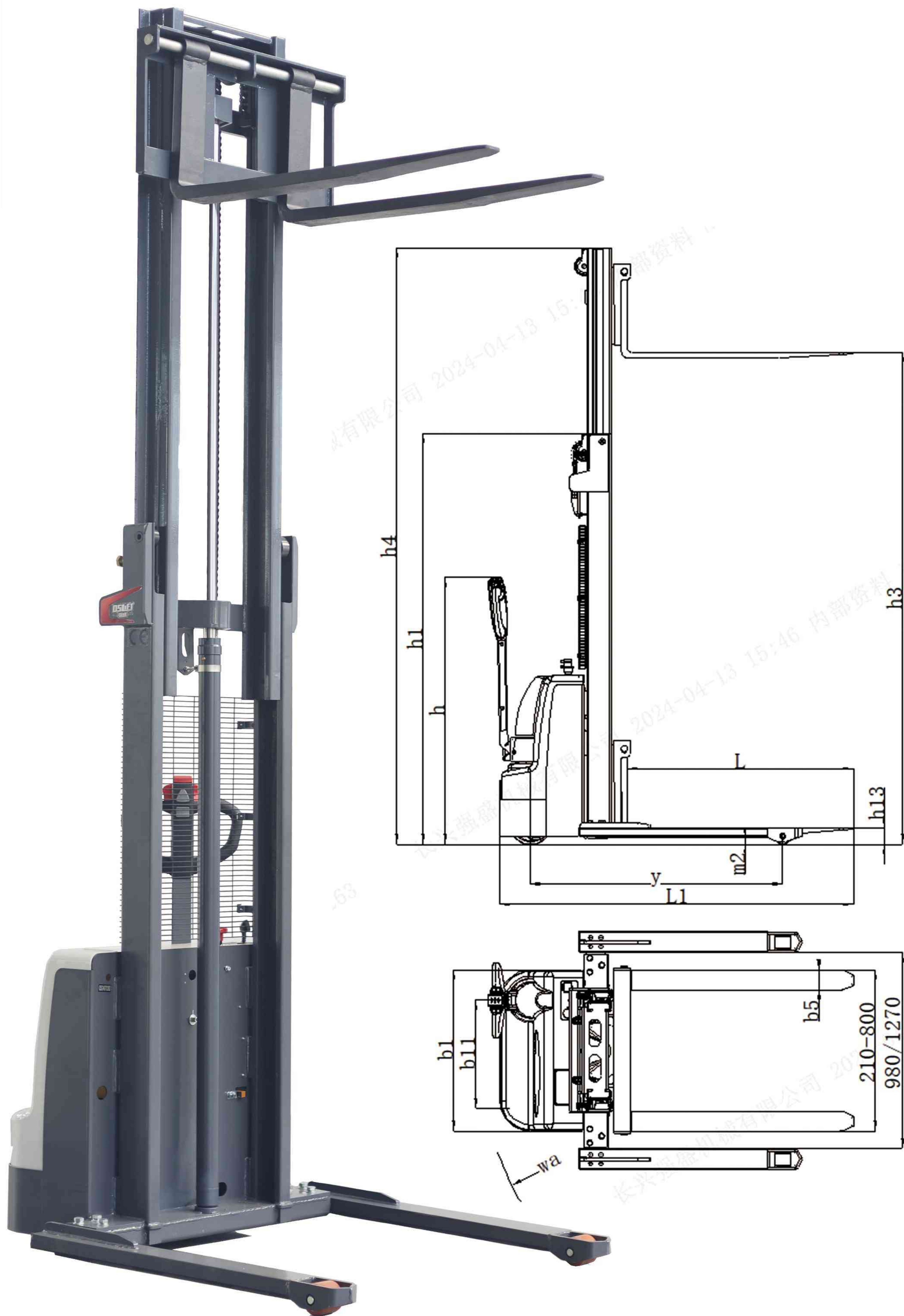
Security and stability

The hydraulic lifting system of this vehicle adopts the design without oil pipe, which greatly improves the reliability of the hydraulic system and reduces the risk of oil leakage of the joint or oil pipe.



Intelligent control system

Equipped with CAN-BUS technology, automatically monitoring the status of the truck, and fault diagnosis.



QES15E-SL

Technical Specification

	Model	QES15E-SL	
Identification	Drive Method	Electric	
	Operate type	Pedestrian	
	Load capacity	Q(kg) 1500	
	Load centre distance	c(mm) 600	
Weights	Weight with battery	kg 520	
	Wheel Material	PU	
Wheels	Front wheel size	mm $\Phi 80 \times 70$	
	Rear wheel size	mm $\Phi 150 \times 50$	
	Drive wheel size	mm $\Phi 210 \times 70$	
	Tread, front	b11(mm) 625	
	Tread, Rear	Y(mm) 1210	
	Lifting height	h3(mm) 1600/2000/2500/3000/3300/3500	
Basic Dimensions	Mast lowered height	h1(mm) 2010/1530/1780/2030/2180/2280	
	Handle height from ground	h(mm) 1450	
	Max. height when operation	h4(mm) 2010/2490/2990/3490/3790/3990	
	Lowered height	h13(mm) 90	
	Overall length	l1(mm) 1750	
	Overall width	b1(mm) 800	
	Fork size	s/e/l(mm) 30/100/1070	
	Width across forks	b5(mm) 210-800	
	Ground clearance	m2(mm) 30	
	Aisle width for pallets 1000x1200 crossways	Ast(mm) 2230	
	Aisle width for pallets 800x1200 lengthways	Ast(mm) 2305	
	Turning radius	Wa(mm) 1600	
	Performance Data	Travel speed, laden / unladen	Km/h 3.5/4
		Lift speed, laden / unladen	mm/s 80/120
Lift speed, laden / unladen		mm/s 120/100	
Max. gradeability, laden / unladen		% 5/8	
Brake type		Electromagnetic	
Motor	Drive motor power Lift motor power	kw 0.75 2.2	
	Battery voltage, nominal capacity	V/Ah 24/80 (100)	
	Battery weight	Kg 2x25	
	Steering mode	Mechanical steering	
Others	Sound level at driver's ear acc. to EN 12053	dB(A) <70	

QES15D RIDER-CONTROL ELECTRIC PALLET STACKER

Capacity 1500 KGS

Lift up to 1600mm - 4000mm

Lead-acid battery



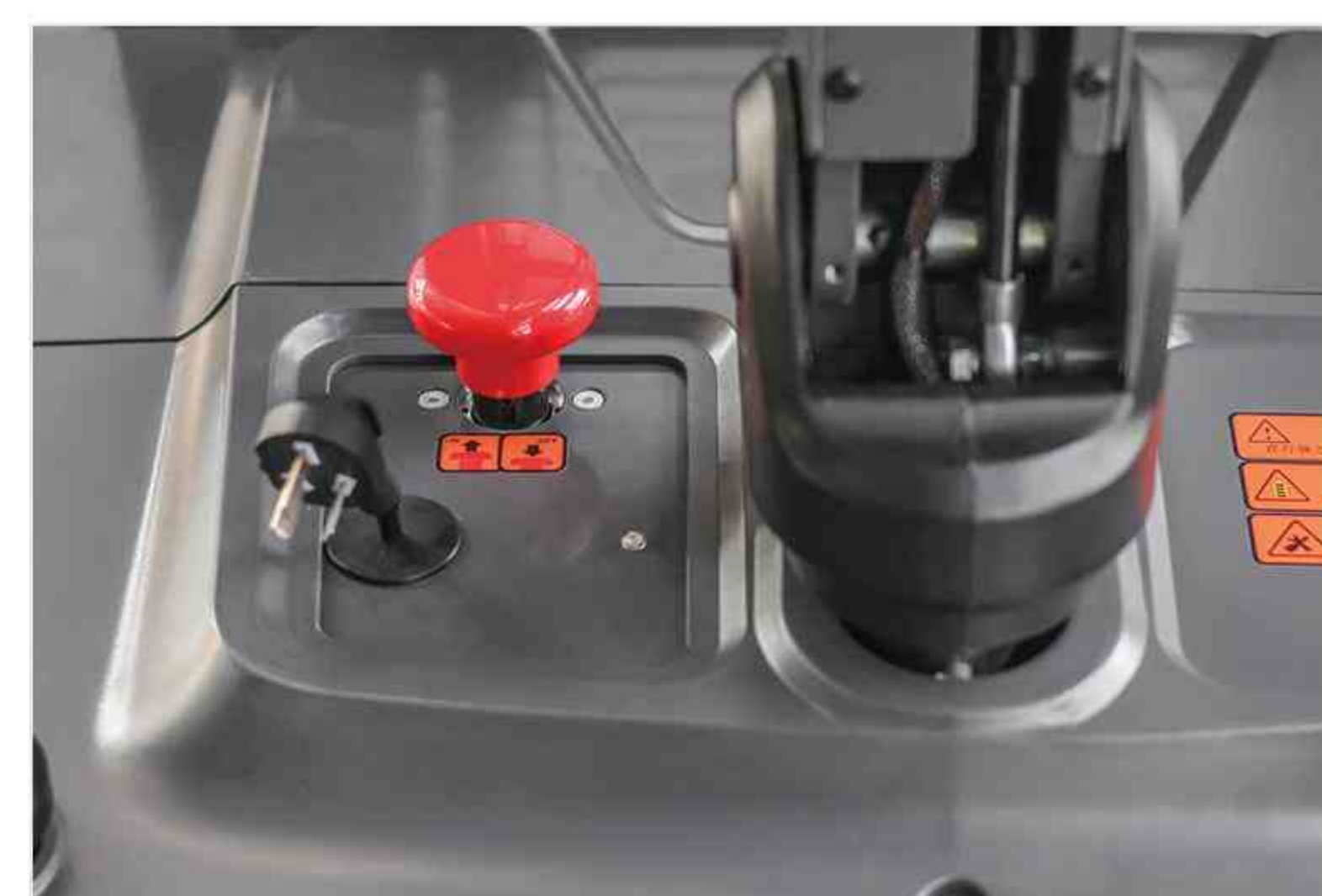
Emergency reverse

Horn

Lifting & Lowering

Drive control

Turtle speed



Emergency button

Located where you can easily reach and control, assuring safety for people and vehicle.

Safety guardrail

Increase security and protect the safety of users



Solid metal fork

One-piece punching and forming, reinforced steel plate of fork roots, which can enhance the fork's rigidity and load-bearing capacity.



Li-Ion Battery (For option)

Short charging time, long service life



Main Feature



High strength chassis design

The high strength chassis and compact design ensure the long life and flexibility. Specifically supported by its perfect metal welding and bending technology, and metal toughness as well.



Variety battery capacity available

By pairing battery volumes and its chargers to match various work time demands.



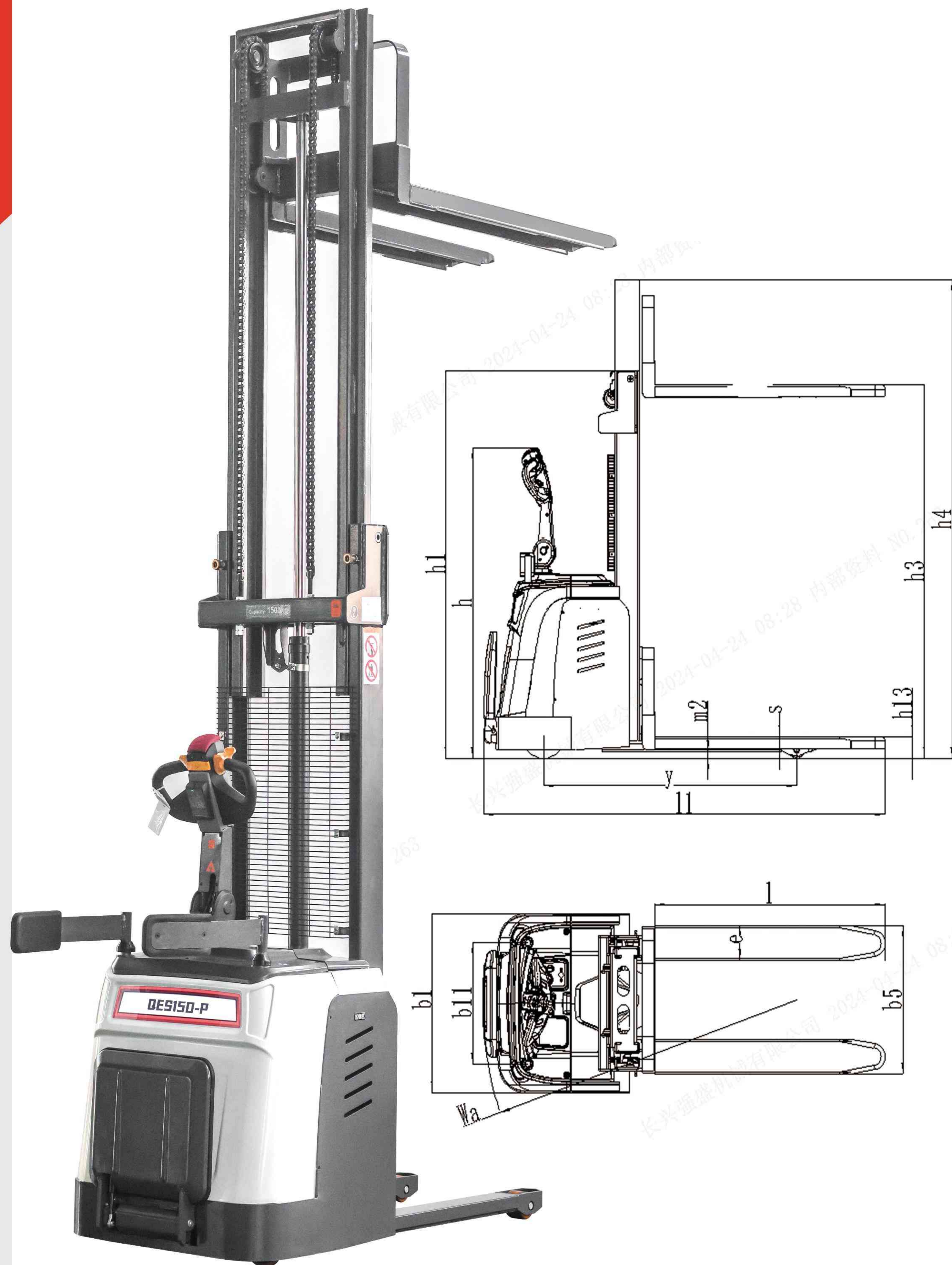
Security and stability

The hydraulic lifting system of this vehicle adopts the design without oil pipe, which greatly improves the reliability of the hydraulic system and reduces the risk of oil leakage of the joint or oil pipe.



Intelligent control system

Equipped with CAN-BUS technology, automatically monitoring the status of the truck, and fault diagnosis.



QES15D

Technical Specification

	Model	QES15D
Identification	Drive type	Electric (Battery)
	Operator type	Stand on
	Load capacity	Q(kg) 1500
	Load centre	c(mm) 500
Weights	Weight with battery	kg 620
Wheels	Wheels	PU
	Wheel size, front wheel	mm $\Phi 80 \times 70$
	Wheel size, rear wheel	mm $\Phi 115 \times 55$
	Drive wheel size	mm $\Phi 210 \times 70$
	Wheel tread, rear wheel	b11(mm) 625
	Wheel tread, front wheel	Y(mm) 1270
Dimensions	Lifting height	h3(mm) 1600/2500/3000/3500/4000
	Height when mast lowered	h1(mm) 2030/1780/2030/2280/2530
	Height of Handle from ground	h(mm) 1450
	Free lift height	H2(mm) --
	Height Max.when operation	h4(mm) 2030/2960/3460/3960/4460
	Height lowered	h13(mm) 90
	Overall length	l1(mm) 2030
	Overall width	b1(mm) 820
	Fork size	S/e/l(mm) 55/160/1150
	Width across forks	b5(mm) 560/680
	Ground clearance, centre of wheelbase	m2(mm) 30
	Aisle width for pallets 1000X1200 crossways	Ast(mm) 2230
	Aisle width for pallets 800X1200 lengthways	Ast(mm) 2300
Turning radius	Wa(mm) 1560	
Performance	Travel speed, laden / unladen	km/h 4/4.5
	Lift speed, laden / unladen	mm/s 100/120
	Lowering speed, laden / unladen	mm/s 120/100
	Max.gradeability, laden / unladen	% 3/5
	Service brake	Electromagnetic
Motor	Drive motor power	kw 0.75
	Lift motor power	kw 2.2
	Battery voltage, nominal capacity	V/Ah 24/80 (100)
	Battery weight	kg 25×2
Others	Steering type	Mechanical steering
	Sound level at driver's ear acc. to EN 12053	dB(A) <70

QES16-P / QES20-P RIDER-CONTROL ELECTRIC PALLET STACKER

Capacity 1600 / 2000 KGS

Up to 6 meters

Li-Ion battery



Emergency reverse

Horn

Lifting & Lowering

Drive control

Turtle speed



Emergency button

Located where you can easily reach and control, assuring safety for people and vehicle.

Safety guardrail

Increase security and protect the safety of users



Solid metal fork

One-piece punching and forming, reinforced steel plate of fork roots, which can enhance the fork's rigidity and load-bearing capacity.



Li-Ion Battery

Short charging time, long service life



Main Feature



High strength chassis design

The high strength chassis and compact design ensure the long life and flexibility. Specifically supported by its perfect metal welding and bending technology, and metal toughness as well.



Variety battery capacity available

By pairing battery volumes and its chargers to match various work time demands.



Security and stability

The hydraulic lifting system of this vehicle adopts the design without oil pipe, which greatly improves the reliability of the hydraulic system and reduces the risk of oil leakage of the joint or oil pipe.

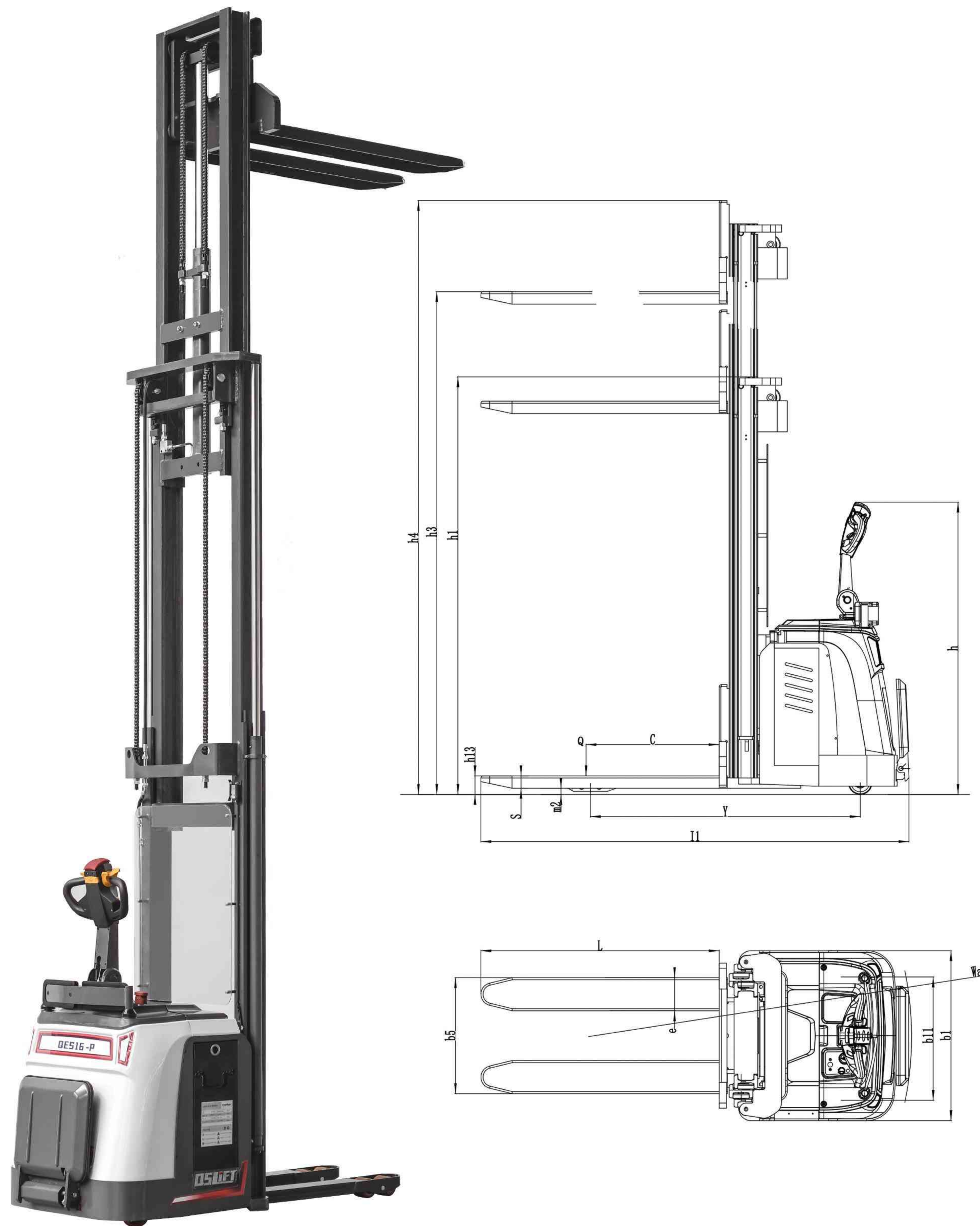


Intelligent control system

Equipped with CAN-BUS technology, automatically monitoring the status of the truck, and fault diagnosis.

SPECIFICATION

Technical Specification



QES16-P / QES20-P

Technical Specification

	Model		QES16-P	QES20-P
Identification	Drive type		Electric (Battery)	
	Operator type		Rider-Control	
	Load capacity	Q(kg)	1600	2000
	Load centre	c(mm)	600	
Weights	Weight with battery	kg	1250	
Wheels	Wheels		PU	
	Wheel size, front wheel	mm	Φ80×70	
	Wheel size, rear wheel	mm	Φ115×55	
	Drive wheel size	mm	Φ250×80	
	Wheel tread, rear wheel	b11(mm)	625	
	Wheel tread, front wheel	Y(mm)	1350	
Dimensions	Lifting height	h3(mm)	2500/3000/3500/4000/4500/5000/5500/6000	
	Height when mast lowered	h1(mm)	1760/2010/2260/1840/2010/2180/2350/2520	
	Height of Handle from ground	h(mm)	1450	
	Free lift height	H2(mm)	-- /-- /-- 1330/1500/1670/1840/2010	
	Height Max.when operation	h4(mm)	2980/3480/3980/4480/4980/5480/5980/6480	
	Height lowered	h13(mm)	90	
	Overall length	l1(mm)	2080	
	Overall width	b1(mm)	820	
	Fork size	S/e/l(mm)	60/160/1150	
	Width across forks	b5(mm)	570/685	
	Ground clearance, centre of wheelbase	m2(mm)	30	
	Aisle width for pallets 1000X1200 crossways	Ast(mm)	2280	
	Aisle width for pallets 800X1200 lengthways	Ast(mm)	2330	
	Turning radius	Wa(mm)	1560	
Performance	Travel speed, laden / unladen	km/h	5.5/5.8	
	Lift speed, laden / unladen	mm/s	100/120	
	Lowering speed, laden / unladen	mm/s	120/100	
	Max.gradeability, laden / unladen	%	5/8	
	Service brake		Electromagnetic	
Motor	Drive motor power	kw	1.5	2(AC)
	Lift motor power	kw	2.2	3
	Battery voltage, nominal capacity	V/Ah	24/210 (270)	
	Battery weight	kg	200/250	
Others	Steering type		Electric	
	Sound level at driver' s ear acc. to EN 12053	dB(A)	<70	

- Load capacity 1500 / 1800 KGS
- Efficient, fast and environmentally friendly
- Suitable for small space work
- Economical
- Compact
- Small turning radius
- Li-Ion battery

3WEF15 / 3WEF18 3-WHEEL ELECTRIC FORKLIFT



Foot acceleration
Foot braking



Safety handbrake



Brake lights and turn signals



Hydraulic steering operation



Emergency switch +
Pin-code lock



Battery Indicator



The handle is easily
accessible



Ergonomic chair



Main Feature



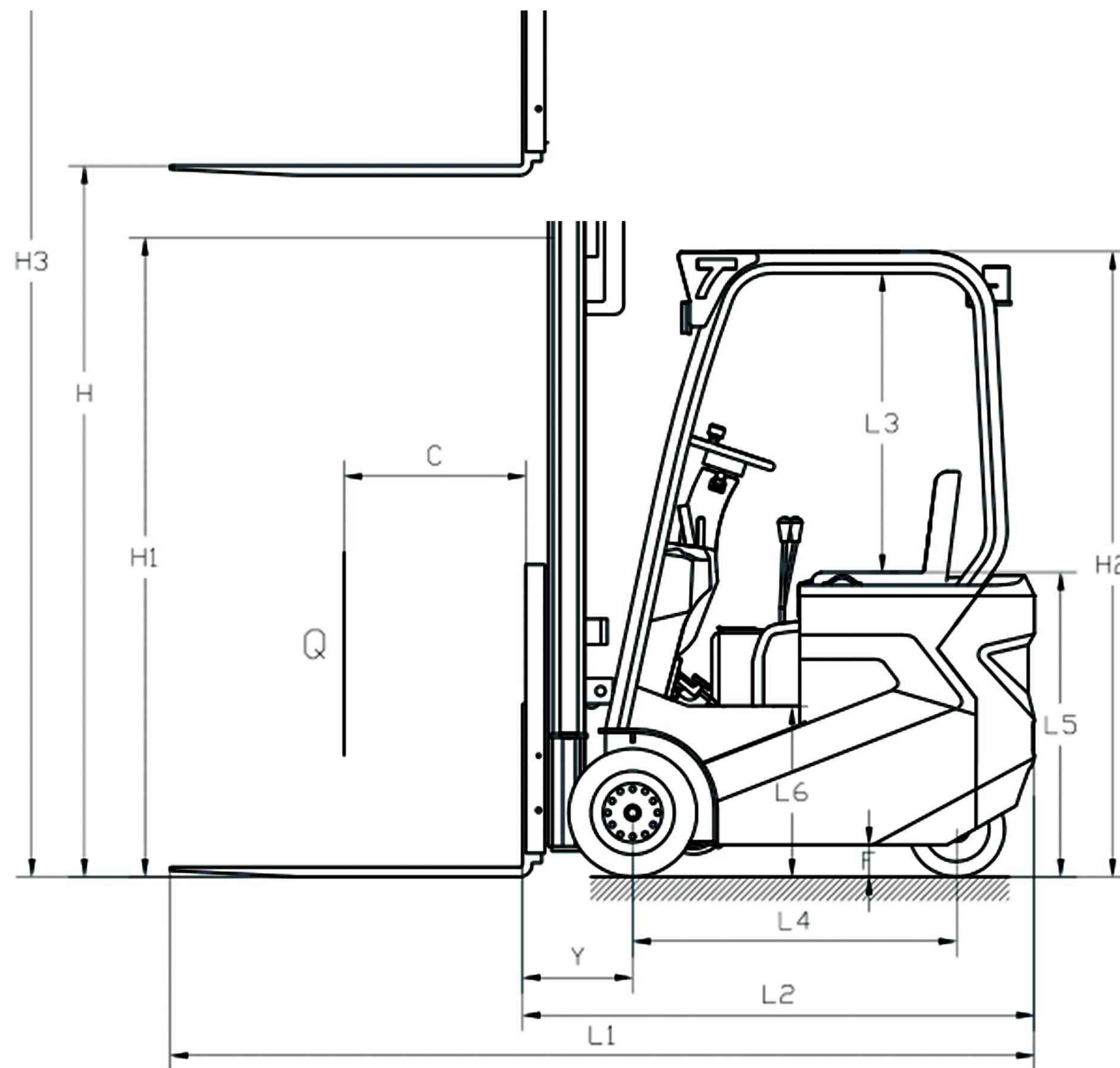
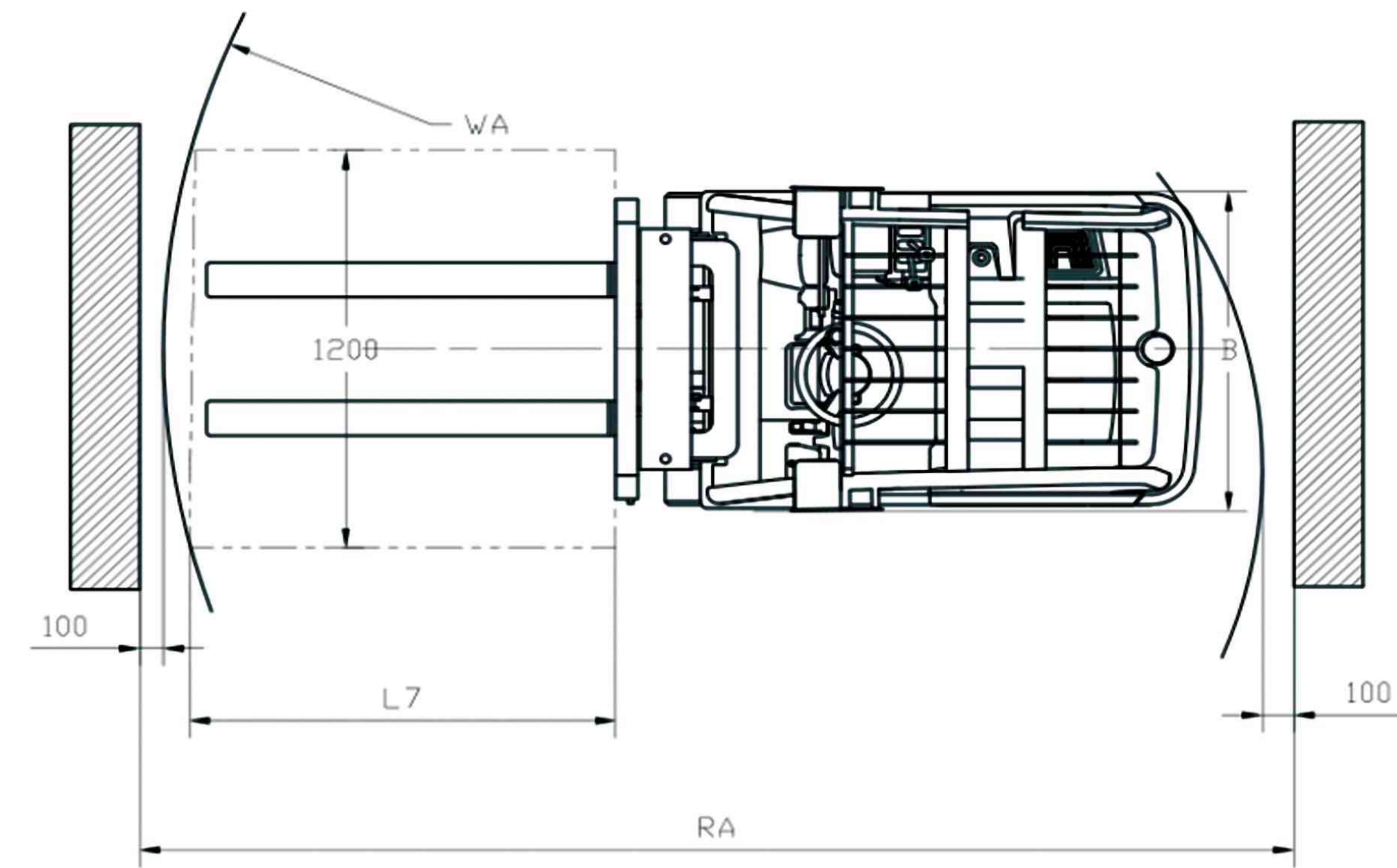
High strength chassis design

The high strength chassis and compact design ensure the long life and flexibility. Specifically supported by its perfect metal welding and bending technology, and metal toughness as well.



Security and stability

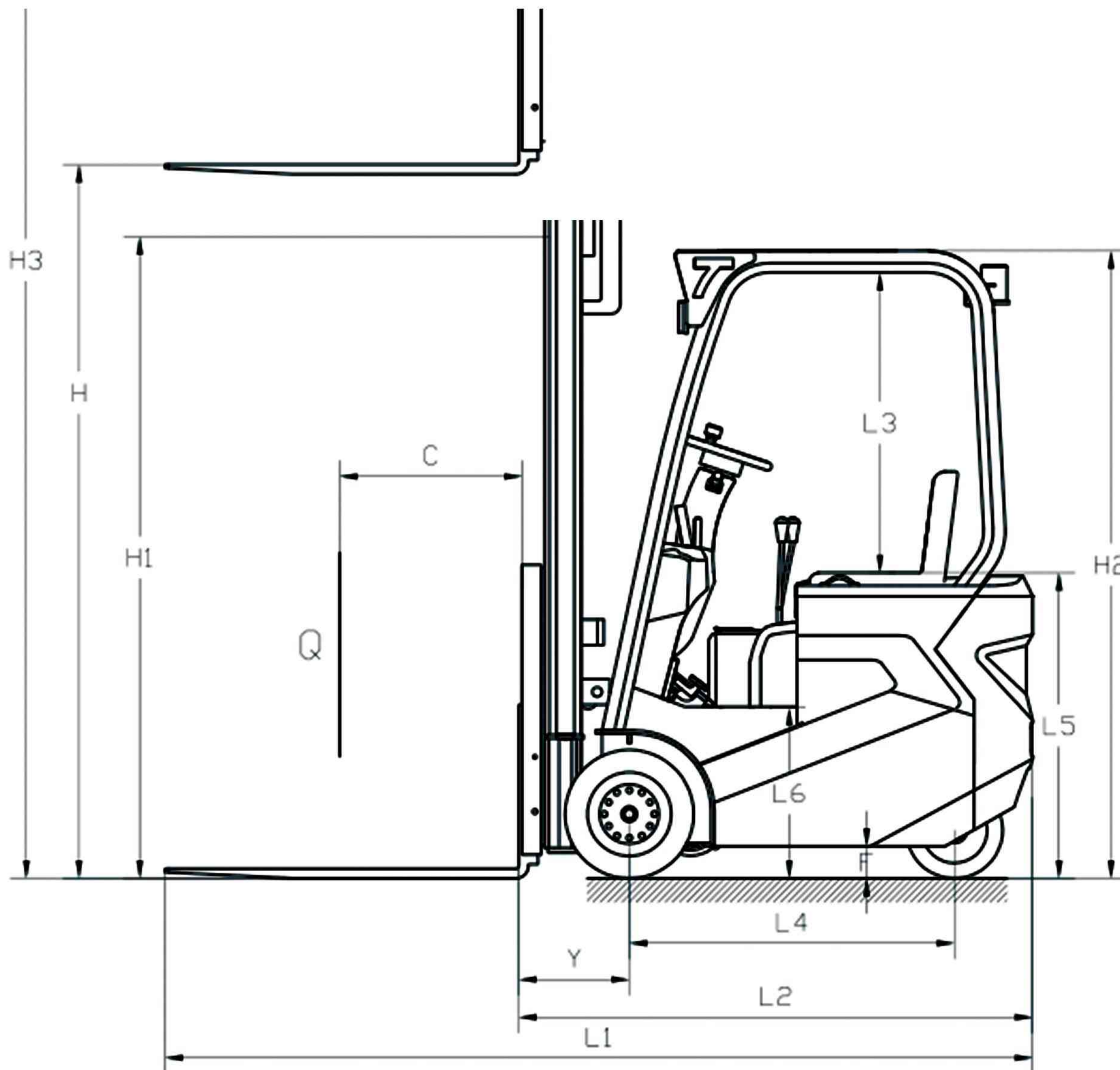
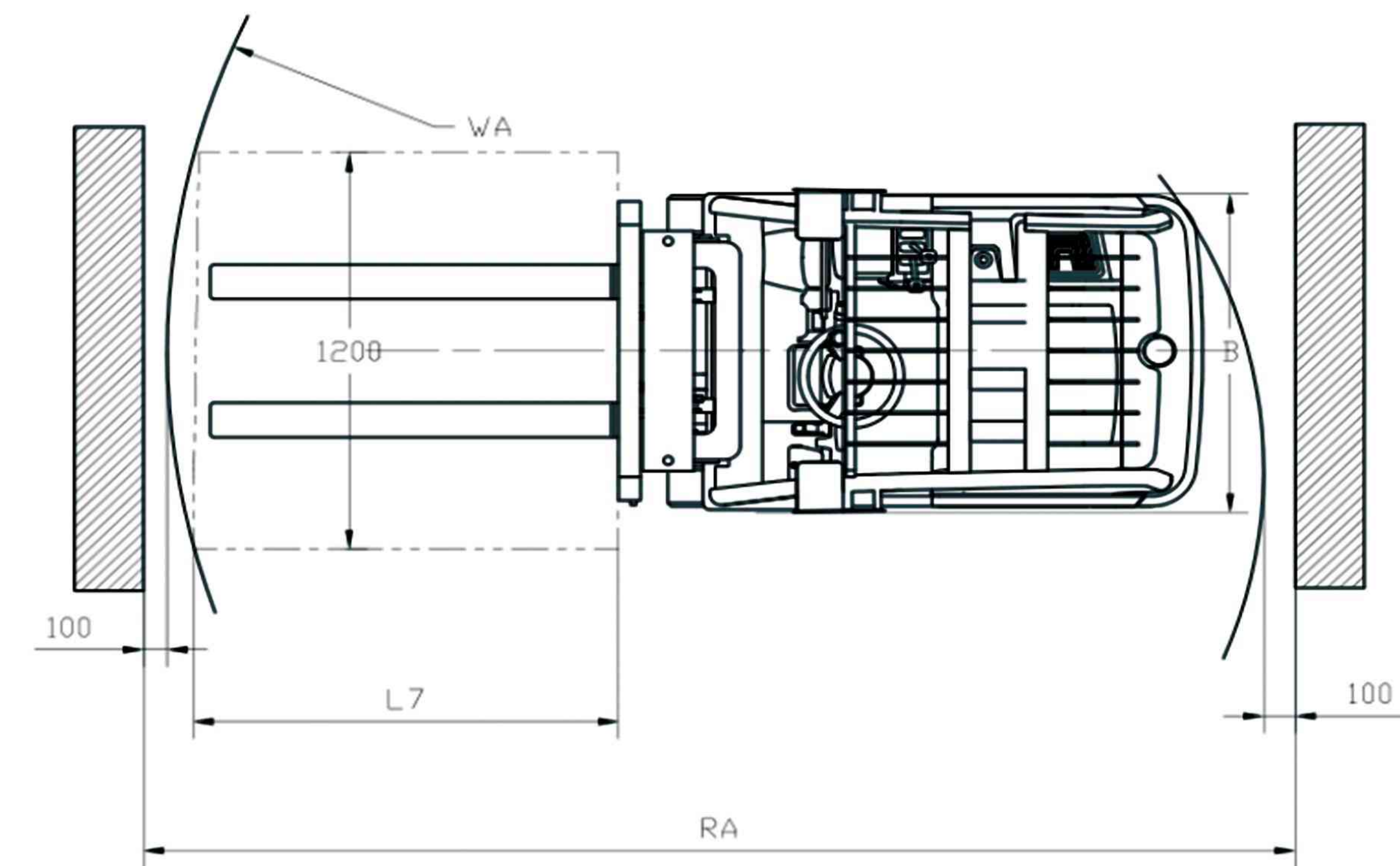
The hydraulic lifting system of this vehicle adopts the design without oil pipe, which greatly improves the reliability of the hydraulic system and reduces the risk of oil leakage of the joint or oil pipe.



3WEF15 / 3WEF18

Technical Specification

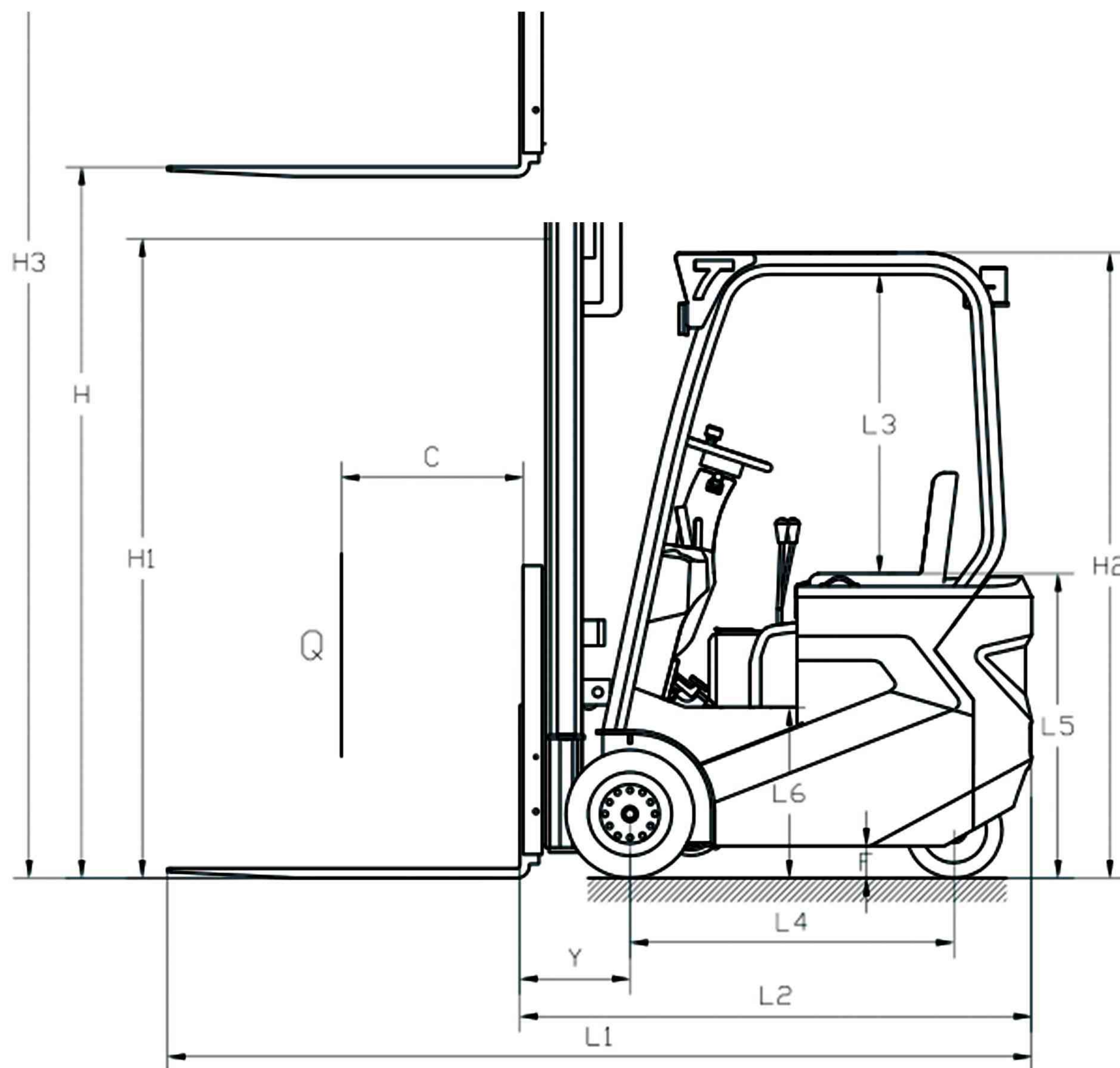
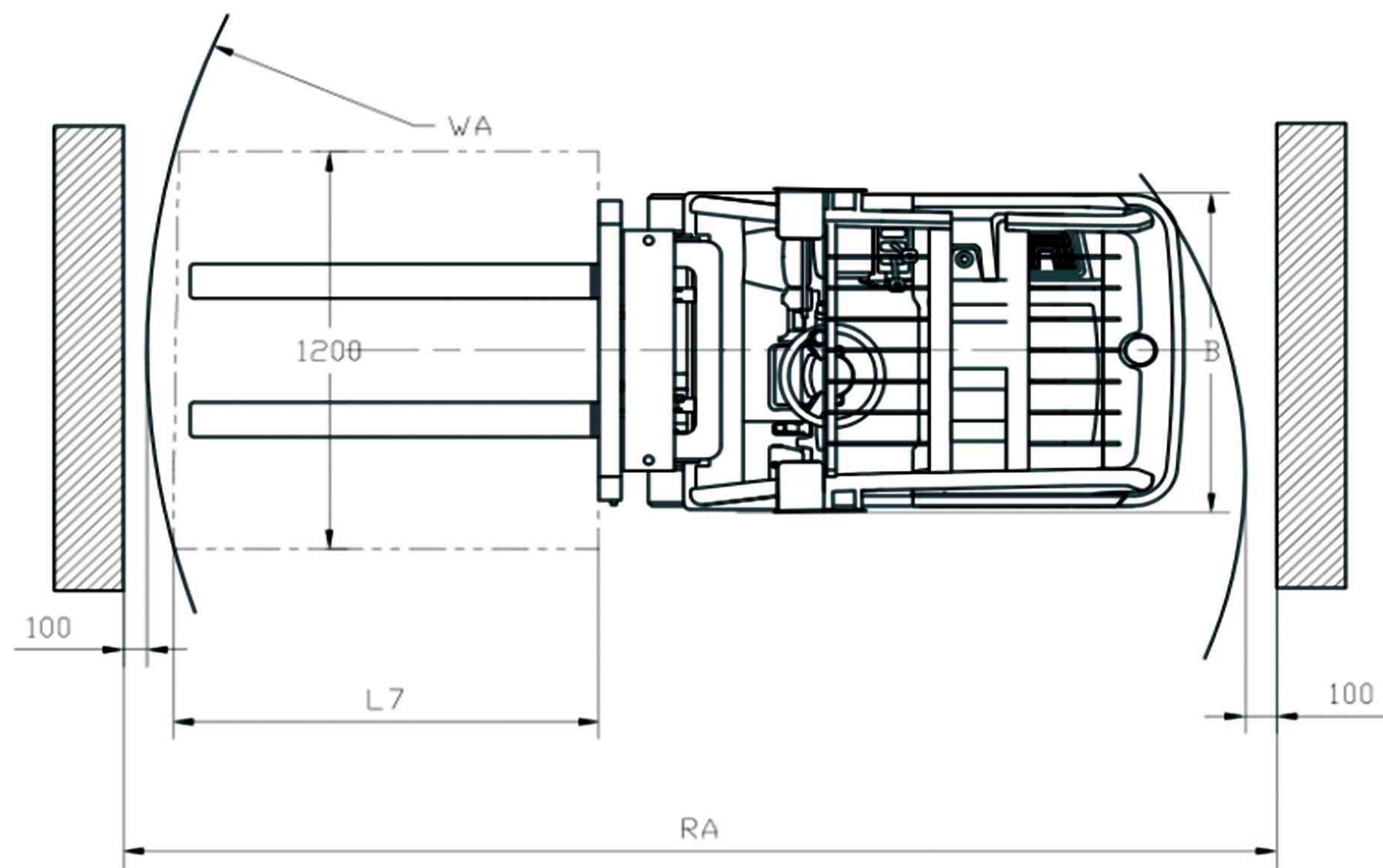
Model	3WEF15 3M (Duplex mast without sideshift)	3WEF15 3M (Duplex mast with sideshift)	3WEF15 4.5M (Triplex mast without sideshift)
Mast type	H type steel	H type steel	H type steel
Drive method / Operate type	seated	seated	seated
Load capacity	kg 1500	1500	1500
Load centre distance	mm 400	400	400
Wheelbase	mm 1220	1220	1220
Weight (without battery) / (with battery)	kg 2420 / 2500	2440 / 2520	2675 / 2755
Wheel material	Rubber	Rubber	Rubber
Wheel size, front	mm 450×140	450×140	450×140
Wheel numbers Hydraulic steering	4	4	4
Steering wheel	mm 380×110	380×110	380×110
Height when mast lowered	mm 2075	2075	2185
Overall length	mm 2871	2919	2888
Vehicle body width	mm 1014	1014	1014
Overall width	mm 1040	1040	1040
Height to roof	mm 1992	1992	1992
Max.height when operation	mm 3862	4058	5603
Lift height	mm 80~3000	80~3000	80~4500
Ground clearance	mm 90	90	90
Fork length / Fork width	mm 1070 / 200~800	1070 / 200~800	1070 / 200~800
Turning radius	mm 1603	1603	1603
Height of fork lowered	mm 80	80	80
Fork thickness / Fork width	mm 35 / 100	35 / 100	35 / 100
Mast height when free lift	mm /	/	1640
Tilt forward / Tilt backward	° 3/5	3/5	3/5
Aisle width for pallets 1000 x 1200 crossways	mm 3155	3203	3172
Aisle width for pallets 1000 x 1200 lengthways	mm 3460	3499	3473
Travel speed, laden / unladen	Km/h 8.0/9.0	8.0/9.0	8.0/9.0
Lift speed, laden / unladen	mm/s 184/194	184/194	184/194
Lowering speed, laden / unladen	mm/s 141/182	141/182	141/182
Max.Gradient performance, Laden / unladen	% 10	10	10
Drive motor power / Lift motor power	kw 4 / 3.5	4 / 3.5	4 / 3.5
Battery voltage, nominal capacity	V/Ah 48/135	48/135	48/135
Battery weight	kg 80	80	80
Battery size (L×W×H)	mm 682×300×420	682×300×420	682×300×420
Brake	Hydraulic brake	Hydraulic brake	Hydraulic brake



3WEF15 / 3WEF18

Technical Specification

Model	3WEF15 4.5M (Triplex mast with sideshift)	3WEF18 3M (Duplex mast without sideshift)	3WEF18 3M (Duplex mast with sideshift)
Mast type	H type steel	H type steel	H type steel
Drive method / Operate type	seated	seated	seated
Load capacity	kg 1500	kg 1800	kg 1800
Load centre distance	mm 400	mm 400	mm 400
Wheelbase	mm 1220	mm 1370	mm 1370
Weight (without battery) / (with battery)	kg 2695 / 2775	kg 2715 / 2865	kg 2735 / 2885
Wheel material	Rubber	Rubber	Rubber
Wheel size, front	mm 450×140	mm 445×168	mm 445×168
Wheel numbers Hydraulic steering	4	4	4
Steering wheel	mm 380×110	mm 384×135	mm 384×135
Height when mast lowered	mm 2185	mm 2075	mm 2075
Overall length	mm 2924	mm 3026	mm 3074
Vehicle body width	mm 1014	mm 1064	mm 1064
Overall width	mm 1040	mm 1078	mm 1078
Height to roof	mm 1992	mm 1992	mm 1992
Max.height when operation	mm 5799	mm 3862	mm 4058
Lift height	mm 80~4500	mm 80~3000	mm 80~3000
Ground clearance	mm 90	mm 90	mm 90
Fork length / Fork width	mm 1070 / 200~800	mm 1070 / 240~800	mm 1070 / 240~800
Turning radius	mm 1603	mm 1733	mm 1733
Height of fork lowered	mm 80	mm 80	mm 80
Fork thickness / Fork width	mm 35 / 100	mm 40 / 120	mm 40 / 120
Mast height when free lift	mm 1640	/	mm 1640
Tilt forward / Tilt backward	° 3/5	° 3/5	° 3/5
Aisle width for pallets 1000 x 1200 crossways	mm 3208	mm 3305	mm 3353
Aisle width for pallets 1000 x 1200 lengthways	mm 3503	mm 3610	mm 3649
Travel speed, laden / unladen	Km/h 8.0/9.0	Km/h 8.0/9.0	Km/h 8.0/9.0
Lift speed, laden / unladen	mm/s 184/194	mm/s 184/194	mm/s 184/194
Lowering speed, laden / unladen	mm/s 141/182	mm/s 141/182	mm/s 141/182
Max.Gradient performance, Laden / unladen	% 10	% 10	% 10
Drive motor power / Lift motor power	kw 4 / 3.5	kw 6 / 3.5	kw 6 / 3.5
Battery voltage, nominal capacity	V/Ah 48/135	V/Ah 48/280	V/Ah 48/280
Battery weight	kg 80	kg 150	kg 150
Battery size (L×W×H)	mm 682×300×420	mm 682×300×420	mm 682×300×420
Brake	Hydraulic brake	Hydraulic brake	Hydraulic brake



3WEF15 / 3WEF18

Technical Specification

Model		3WEF18 4.5M (Triplex mast without sideshift)	3WEF18 4.5M (Triplex mast with sideshift)
Mast type		H type steel	H type steel
Drive method / Operate type		seated	seated
Load capacity	kg	1800	1800
Load centre distance	mm	400	400
Wheelbase	mm	1370	1370
Weight (without battery) / (with battery)	kg	2970 / 3120	2970 / 3120
Wheel material		Rubber	Rubber
Wheel size, front	mm	445×168	445×168
Wheel numbers Hydraulic steering		4	4
Steering wheel	mm	384×135	384×135
Height when mast lowered	mm	2185	2185
Overall length	mm	3043	3079
Vehicle body width	mm	1064	1064
Overall width	mm	1078	1078
Height to roof	mm	1992	1992
Max.height when operation	mm	6503	5799
Lift height	mm	80~4500	80~4500
Ground clearance	mm	90	90
Fork length / Fork width	mm	1070 / 240~800	1070 / 240~800
Turning radius	mm	1733	1733
Height of fork lowered	mm	80	80
Fork thickness / Fork width	mm	40 / 120	40 / 120
Mast height when free lift	mm	1640	1640
Tilt forward / Tilt backward	°	3/5	3/5
Aisle width for pallets 1000 x 1200 crossways	mm	3322	3358
Aisle width for pallets 1000 x 1200 lengthways	mm	3623	3653
Travel speed, laden / unladen	Km/h	8.0/9.0	8.0/9.0
Lift speed, laden / unladen	mm/s	184/194	184/194
Lowering speed, laden / unladen	mm/s	141/182	141/182
Max.Gradient performance, Laden / unladen	%	10	10
Drive motor power / Lift motor power	kw	6	6
Battery voltage, nominal capacity	V/Ah	48/280	48/280
Battery weight	kg	150	150
Battery size (L×W×H)	mm	682×300×420	682×300×420
Brake		Hydraulic brake	Hydraulic brake

TF15 / TF30 / TF50 / TF75 / TF100 SINGLE SCISSOR MANUAL LIFT TABLE



The handle can be fold and can put into the car trunk. Lift the handle-bar to lower the table top.



2 fixed casters with protection. Safety for operator's feet.



Step and press down the foot bar to lift the table top.



2 universal casters with brake and protection.

Model		TF15	TF30	TF50	TF75	TF100
Capacity	kg	150	300	500	750	1000
Table height	mm	220-720	280/340-880	285/340-880	420-990	380-990
Size of table	mm	700×450×36	815×500/ 850×500	815×500/ 850×500	1000×510×55	1016×510×55
Size of wheel	mm	100×25	125×40	125×40	147×50	125×50
Footpedal cycles to max height	Times	≤28	≤27	≤27	≤45	≤82
Net weight	Kg	46	77	81	125	140
Packing	Pc / pallet	4/6	4	4	4	4
Packing size	mm	105×830×780 1050×830×1170	1130×1030×1080	1130×1030×1080	1135×1210×1100	1350×1230×1050

TFD15 / TFD35 / TFD70 DOUBLE SCISSOR MANUAL LIFT TABLE



The handle can be fold and can put into the car trunk. Lift the handle-bar to lower the table top.



2 fixed casters with protection. Safety for operator's feet.



Step and press down the foot bar to lift the table top.



2 universal casters with brake and protection.

Model		TFD15	TFD35	TFD70
Capacity	kg	150	350	700
Table height	mm	310-1260	355-1300	455-1500
Size of table	mm	700×500	910×500	1220×610
Size of wheel	mm	100×32	125×40	125×40
Footpedal cycles to max height	Times	≤47	≤53	≤97
Net weight	Kg	58	105	195
Packing	Pc / pallet	4	4	4
Packing size	mm	1050×1010×1010	1150×1030×1010	1410×1380×1170

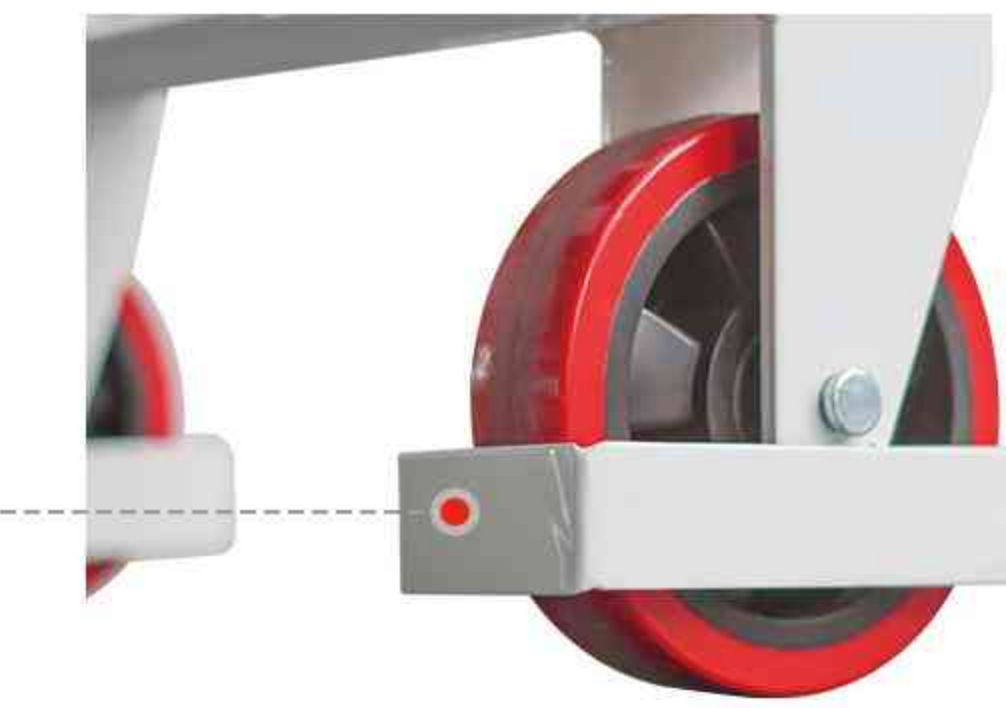
ETF30 / ETF35 / ETF50 / ETF75
DOUBLE SCISSOR
ELECTRIC LIFT TABLE

Load capacity 300 / 350 / 500 / 750 KGS
 Ideally suited for use as a feeding table on an assembly line
 Excellent hydraulic unit for raising table top to the target height
 Electrically operated table descent control



Wear resistant roller

2 fixed casters with protection. Safety for operator's feet.



Switch button

Just button up and down to control platform height, this makes the operation convenient and efficient.



Swivel caster

2 universal casters with brake and protection.



Battery indicator

With battery display, easy to prepare charging work in advance.



Main Feature



Variety battery capacity available

By pairing battery volums and its chargers to match various work time demands.



Security and stability

The hydraulic lifting system of this vehicle adopts the design without oil pipe, which greatly improves the reliability of the hydraulic system and reduces the risk of oil leakage of the joint or oil pipe.

Model		ETF30	ETF35	ETF50	ETF75
Load capacity	kg	300	350	500	750
Table height	mm	290-880	370-1300	440-1025	420-970
Table size	mm	820×500×50	910×500×53	1010×520×50	1000×510×55
Wheel size	mm	Φ125×40	Φ125×40	Φ150×48	Φ150×48
Overall length	mm	1145	1210	1305	1345
Height from ground to top of handle	mm	920	920	970	935
Lifting speed, laden/unladen	mm	65/94	90/110	65/94	70/80
Lowng speed, laden/unladen	mm	98/74	100/90	98/74	50/35
Lifting cycles (fully charged)		120	100	100	100
Battery capacity	v/ah	4×12/10	4×12/10	2×12/15	4×12/10
Vertical travel	mm	590	930	585	550
Lifting motor power	Kw	0.8	0.8	0.8	0.8
Built-in charger (DC24V kw)	Hr	8.5	8.5	8.5	8.5
Average lifting speed	mm/s	10	10	10	12
Net weight	kg	115	142	157	160
Packing	pc/pallet	1	1	1	1
Packnig size	mm	1260×620×640	1370×630×650	1420×670×700	1480×730×700

PS0485 / PS0412 / PS0415 FP0485 / FP0412 / FP0415 MANUAL PLATFORM STACKER

Load capacity 400 KGS

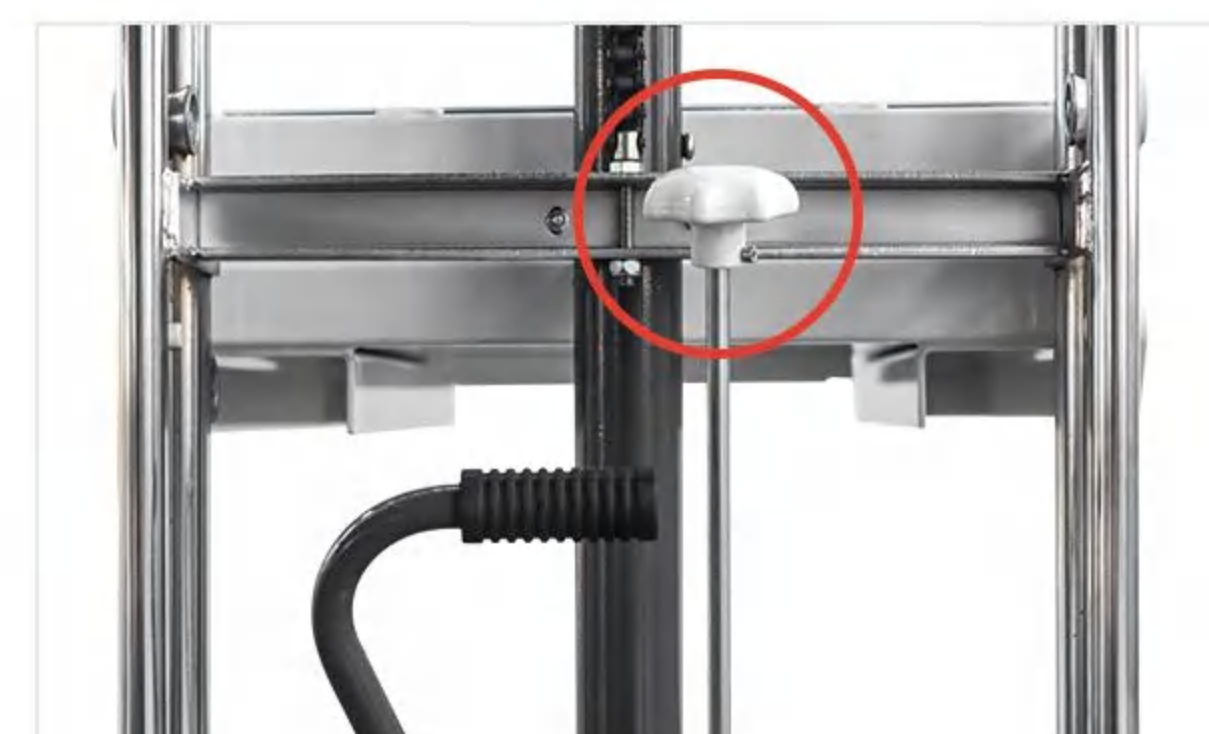
This practical lifting device can be used as working platform, runs up and down on chromed tube frame.



Standard matching 2 universal traceless casters with brake.



Standard matching two load wheels.



Turn the manual valve to lower the platform.



Step and press down the foot bar to lift the platform.

Model		PS0485	PS0412	PS0415	FP0485	FP0412	FP0415
Load capacity	kg	400	400	400	400	400	400
Max height	mm	1075	1425	1725	980	1330	1630
Lifting height	mm	765	1115	1415	650	1000	1300
Platform height	mm	85-850	85-1200	85-1500	200-850	200-1200	200-1500
Overall width	mm	600	600	600	590	590	590
Platform size L×W	mm	650×576	650×576	650×576	650×550	650×550	650×550
Fork size L×W	mm	650×110	650×110	650×110	-	-	-
Wheel size	mm	Φ127×40	Φ127×40	Φ127×40	Φ150×40	Φ150×40	Φ150×40
Roller size	mm	Φ75×40	Φ75×40	Φ75×40	Φ150×40	Φ150×40	Φ150×40
Net weight	mm	75	81	91	70	76	86
Packing	pallet / pcs	4	4	4	4	4	4
Package size	mm	1530×1330×750	1880×1330×750	2140×1340×750	1820×1270×750	2120×1300×780	2310×1260×750

EPS0412 / EPS0415 / EFP0412 / EFP0415 ELECTRIC PLATFORM STACKER

Load capacity 400 KGS

A range of highly manoeuvrable, lightweight lifts, designed to take the strain out of any lifting job from ground level to over shoulder height heavy duty design.

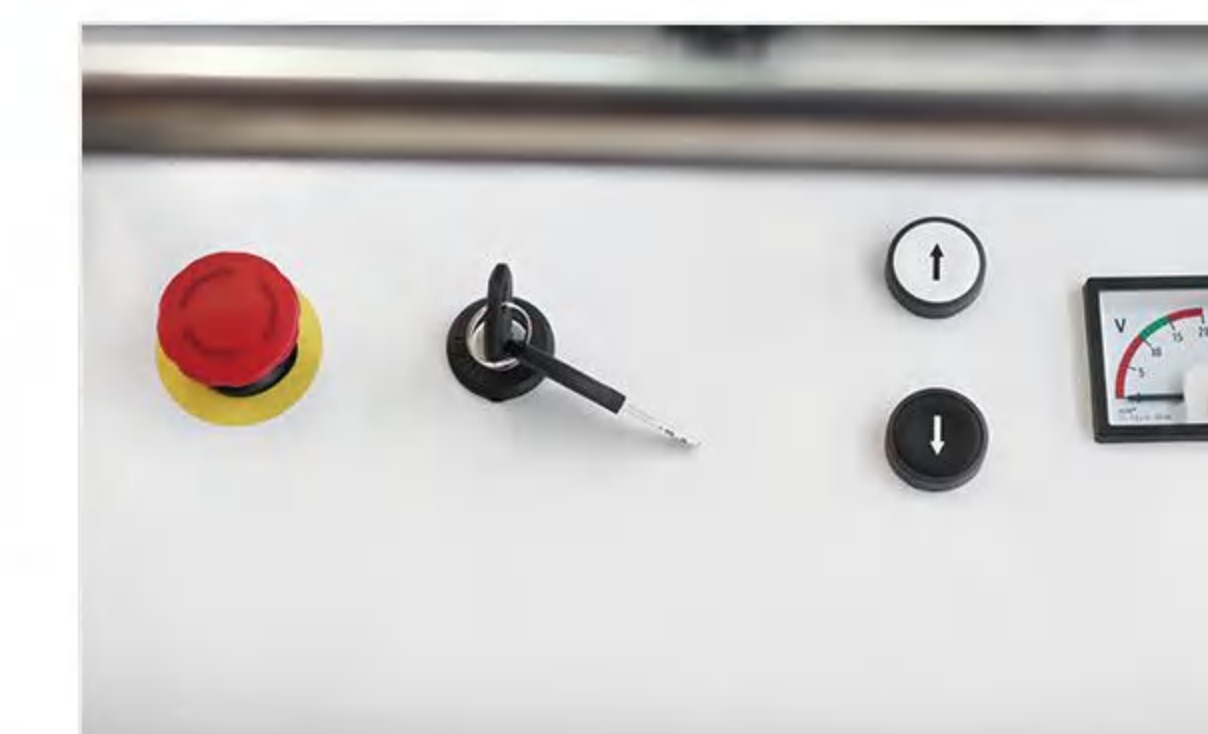
Confirms to EN1757



Standard matching 2 universal traceless casters with brake.



Standard matching two load wheels.



Emergency stop, Key to lock, Lifting and lowering button.



With built-in charger, fast and efficient charging.

Model		EPS0412	EPS0415	EFP0412	EFP0415
Load capacity	kg	400	400	400	400
Max height	mm	1425	1725	1330	1630
Lifting height	mm	1115	1415	1000	1300
Platform height	mm	85-1200	85-1500	200-1200	200-1500
Overall width	mm	600	600	590	590
Platform size L × W	mm	650×576	650×576	650×550	650×550
Fork size L × W	mm	650×110	650×110	-	-
Wheel size	mm	Φ127×40	Φ127×40	Φ150×40	Φ150×40
Roller size	mm	Φ75×40	Φ75×40	Φ150×40	Φ150×40
Lifting speed, laden/unladen	mm/s	80/185	80/185	80/185	80/185
Lowering speed, laden/unladen	mm/s	75/115	75/115	75/115	75/115
Battery capacity	v/ah	DC 12V/60AH	DC 12V/60AH	DC 12V/60AH	DC 12V/60AH
Motor power	w	DC 12V/700W	DC 12V/700W	DC 12V/700W	DC 12V/700W
Net weight	kg	109	115	108	114
Packing	pcs per pallet	1	1	1	1
Package size	mm	1150×630×1510	1150×640×1860	1150×630×1510	1150×640×1860