RHINO
INTELLIGENT FORKLIFT

Rhino Intelligent Equipment (Changxing) Co.,Ltd.

TEL：**+8615105827299** Mail：**info@rhino-lift.com**

Room 1006, 10th Floor, Business Building, Comprehensive Logistics Park,
Changxing County Economic and Technological Development Zone, Huzhou City, Zhejiang Province, China

INTELLIGENT SOLUTIONS FOR INTRALOGISTICS

FULL RANGE ELECTRIC WAREHOUSE EQUIPMENT

RHINO
INTELLIGENT FORKLIFT

COMPANY INTRODUCTION

Rhino Intelligent Equipment (Changxing) Co., Ltd. – Elevating Excellence in Intelligent Logistics Solutions

Located in the prestigious Changxing Economic Development Zone—a National Economic Development Zone in Zhejiang Province, China—Rhino Intelligent Equipment (Changxing) Co., Ltd. stands as a leading innovator in the machinery and equipment manufacturing industry. With a dedicated workforce of 200 professionals, a 25,000-square-meter advanced production facility, and an annual output value of $30 million USD, we have solidified our reputation as a trusted partner in intelligent lifting and logistics solutions.

A Full-Service Industrial Equipment Provider
Committed to engineering excellence, Rhino Intelligent Equipment integrates cutting-edge R&D, precision manufacturing, and customer-centric service to deliver comprehensive, high-performance solutions. Our mission is to redefine industry standards through technological innovation, optimized production processes, and deep market insights, ensuring seamless efficiency for modern logistics operations worldwide.

Premium Products, Certified Quality, Global Reach
Our extensive product portfolio—including pallet trucks, stackers, and platform trucks—is ISO 9001 certified and CE-compliant, guaranteeing reliability, safety, and superior performance. Designed for high-demand logistics environments, Rhino s equipment is trusted by leading manufacturers and distributors across global supply chains.

Strategic Partnerships for Sustainable Growth
By fostering long-term collaborations with industry leaders, we continuously expand our international footprint, delivering tailored solutions, unmatched after-sales support, and rapid parts availability. At Rhino, we don t just meet expectations—we elevate them.

Innovation. Integrity. Intelligence.
As we advance into the future, Rhino Intelligent Equipment remains dedicated to pioneering smarter, more efficient logistics technologies—empowering businesses to achieve more.

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QET20

P41 2000kg

QET25P /QET30P

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PALLET STACKER /P49-110

QMS0512/1016/1516/2016
QMS1020/1025/1030/1520/1525/1530/2020

P49 500/1000/1500/2000kg

SES10 / SES12 / SES15

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QSS15

P55 1500kg

QSS15-SL

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PALLET STACKER /P49-110

QES10E / QES12E

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QES10E-SL / QES12E-SL

P67 1000/1200kg

QES15E

P71 1500kg

QES15E-SL

P75 1500kg

QES15B

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OES15D

P83 1500kg

QES15E-P

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LIFT TABLE /P111-121

PS0485 / PS0412 / PS0415
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P111 400kg

EPS0412 / EPS0415 / EFP0412 / EFP0415

P112 400kg

TF15/30/50/75/100

P115 150/300/500/750/1000kg

TG50 / TG100

P116 500/1000kg

HIW1.0EU / HIW2.0EU
HIW3.0EU / HIW4.0EU

P117 500/1000/2000/3000kg

TFD15 / TFD35 / TFD70

P118 150/350/700kg

ETF30 / ETF35 / ETF50 / ETF75

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HTF-G05 / HTF-G10
HTF-G20 / HTF-U10

P121 500/1000/2000/3000kg

AC25 / AC30
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

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

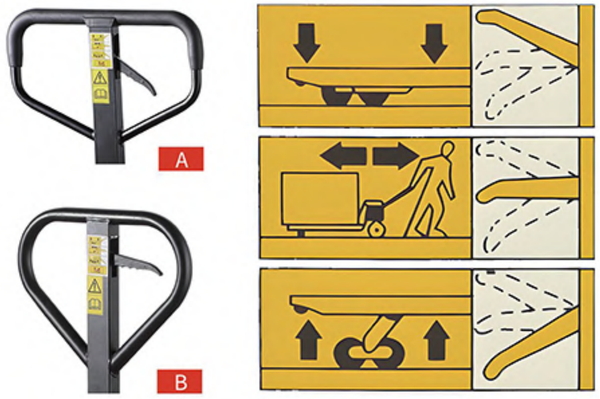
Ideal for delicate floors with hard wearing and non-marking property, quiet and durable.

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.



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

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

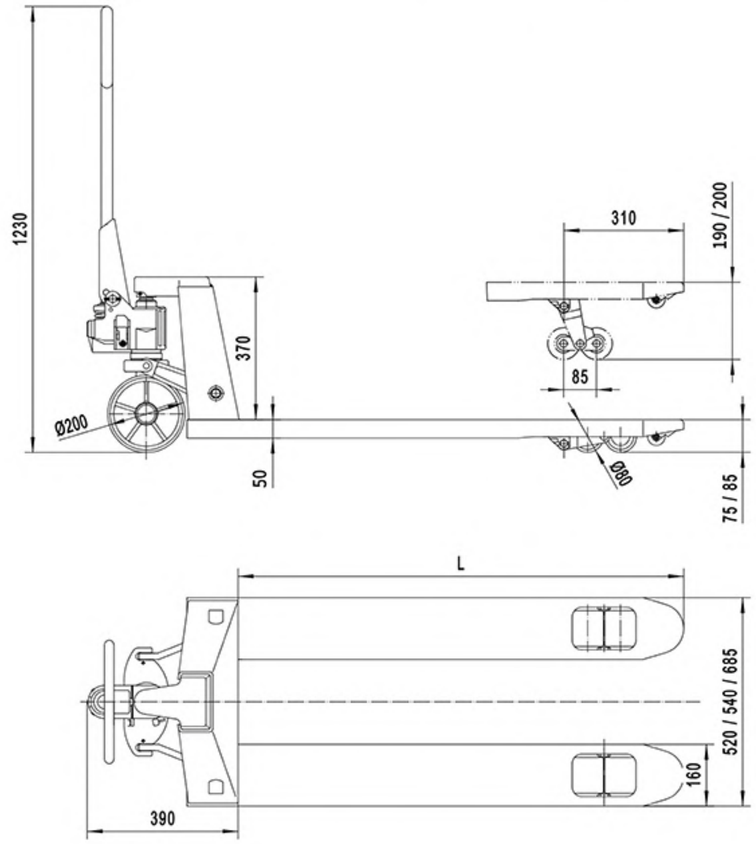
Product display

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

AC25 / AC30

Technical Specification

Model		AC25		AC30	
Load capacity	kg	2500		3000	
Min. fork height h	mm	85	75	85	75
Max. fork height h1	mm	200	190	200	190
Steering wheel	mm	Φ180×50	Φ180×50	Φ180×50	Φ180×50
Load roller Single	mm	Φ80×93	Φ74×93	Φ80×93	Φ74×93
Load roller Tandem	mm	Φ80×70	Φ74×70	Φ80×70	Φ74×70
Size of fork e×s	mm	160×50			
Width overall forks B	mm	450/520/540/685			
Fork length L	mm	800/900/1000/1100/1150/1220			



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

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.

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

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

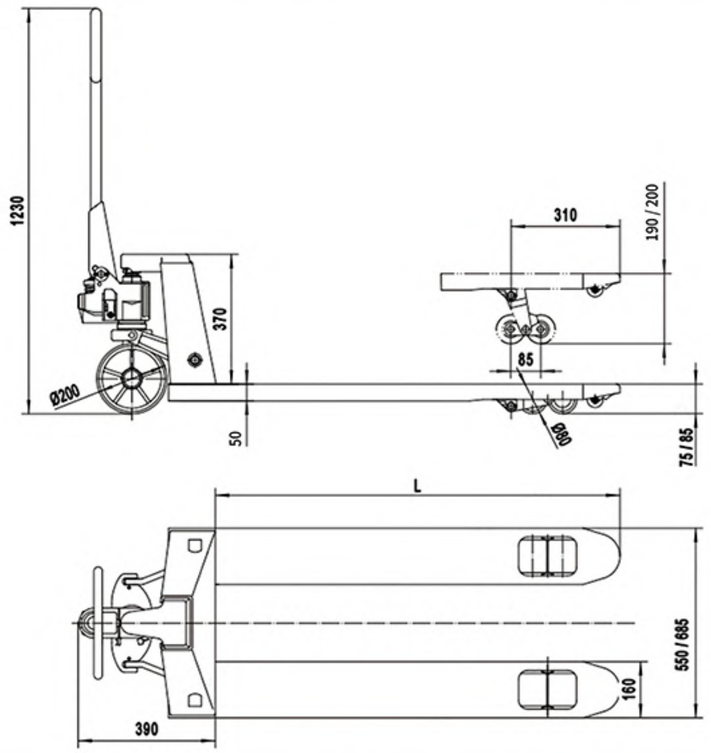
Product display

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

BF25 / BF30

Technical Specification

Model		BF25	BF30
Pump		BF casting pump	
capacity	kg	2500	3000
Height of fork	mm	75-190 / 85-200	
Fork width	mm	550/685	
Fork Length	mm	800/900/1000/1100/1150/1220	
Steering wheel size	mm	180	
Front wheel size (twin wheels)	mm	Φ80×70 / Φ74×70	
Front wheel dimensions (single wheel)	mm	Φ80×93 / Φ74×93	
Material of the wheel		Nylon / PU	
Pump time to the top	times	⩽13	
packing	pcs/pallet	6	
Net Weight	kg	68-75	



SHPT20A
SCALE HAND PALLET TRUCK

Capacity 2000 KGS

With 4 accurate press sensor cells
Accuracy ±0.1%

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.

Stronger steel spring

Easy rebound and long life.

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

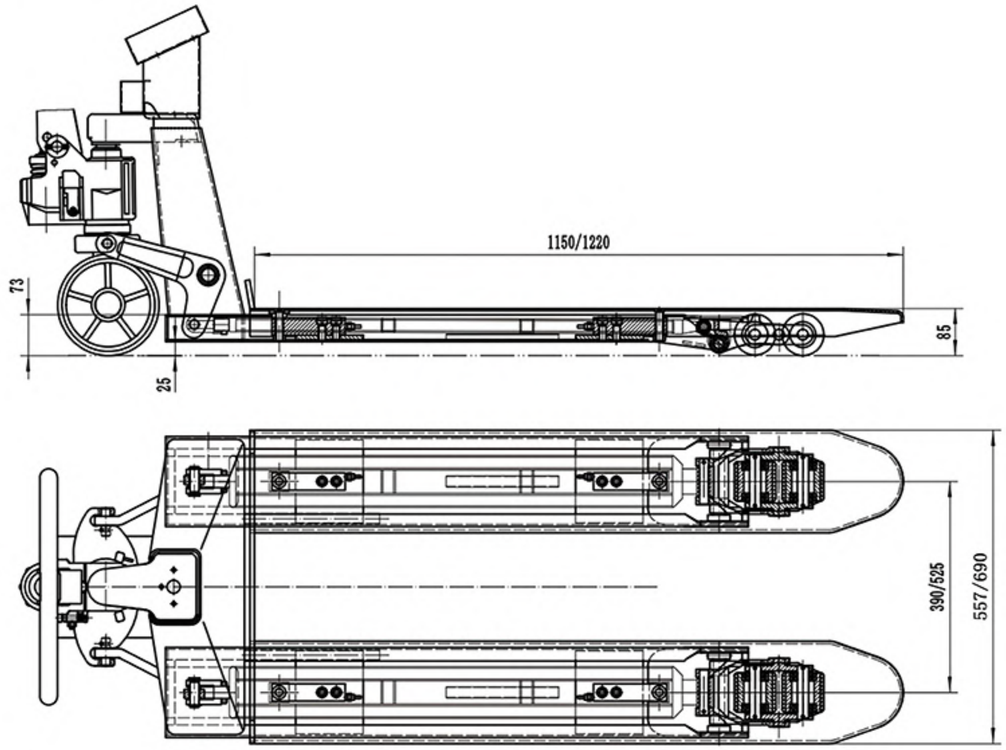
Product display

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

SHPT20A

Technical Specification

Model		SHPT20A
Load capacity	kg	2000
Steering wheel	mm	Φ180×50
Single load roller	mm	Φ80×93
Tandem load roller	mm	Φ80×70
Fork height	mm	85-200
Weighing accuracy	%	±0.1
Fork width	mm	555/690
Fork length	mm	1150/1220



SHPT20B
SCALE HAND PALLET TRUCK

Capacity 2000 KGS

With 4 accurate press sensor cells
Accuracy ±0.1%

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.

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.

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

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

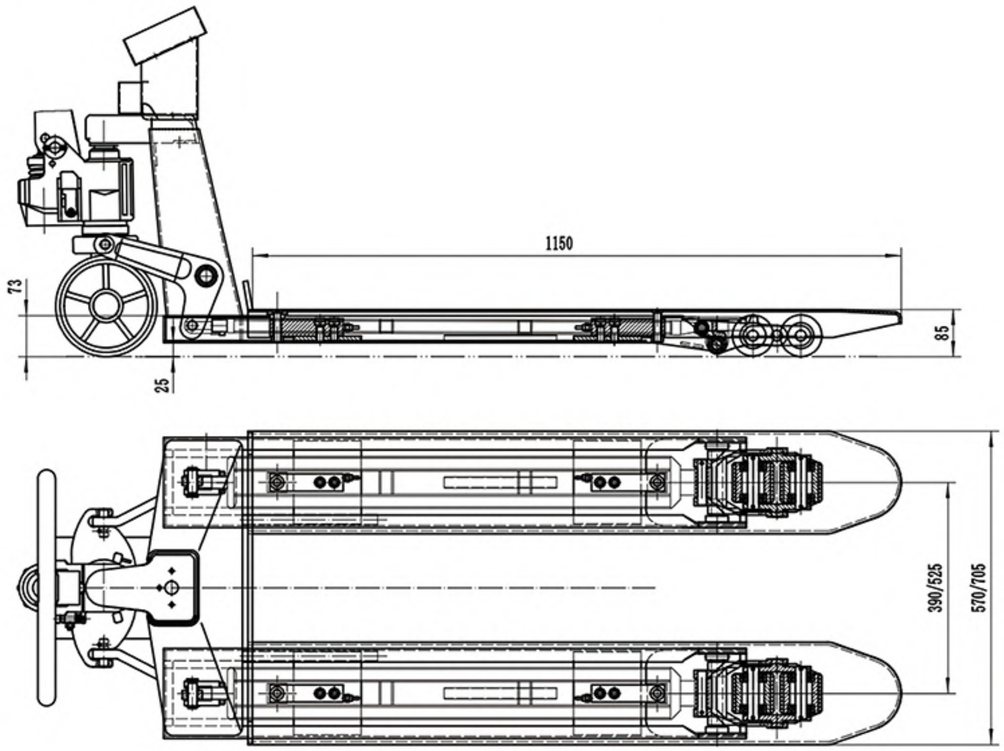
Product display

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

SHPT20B

Technical Specification

Model		SHPT20B
Load capacity	kg	2000kg
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	%	±0.1
Fork width	mm	570/705
Fork length	mm	1150



EPT15V / EPT20V
ELECTRIC PALLET TRUCK

Capacity 1500 KGS / 2000 KGS

Drive by lithium battery

Carry materials efficiently

Perfect alternative for hand pallet truck

- Pin-code handle (For option)

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

Balance roller for option

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 volums and its chargers to match various work time demands.

Security and stability

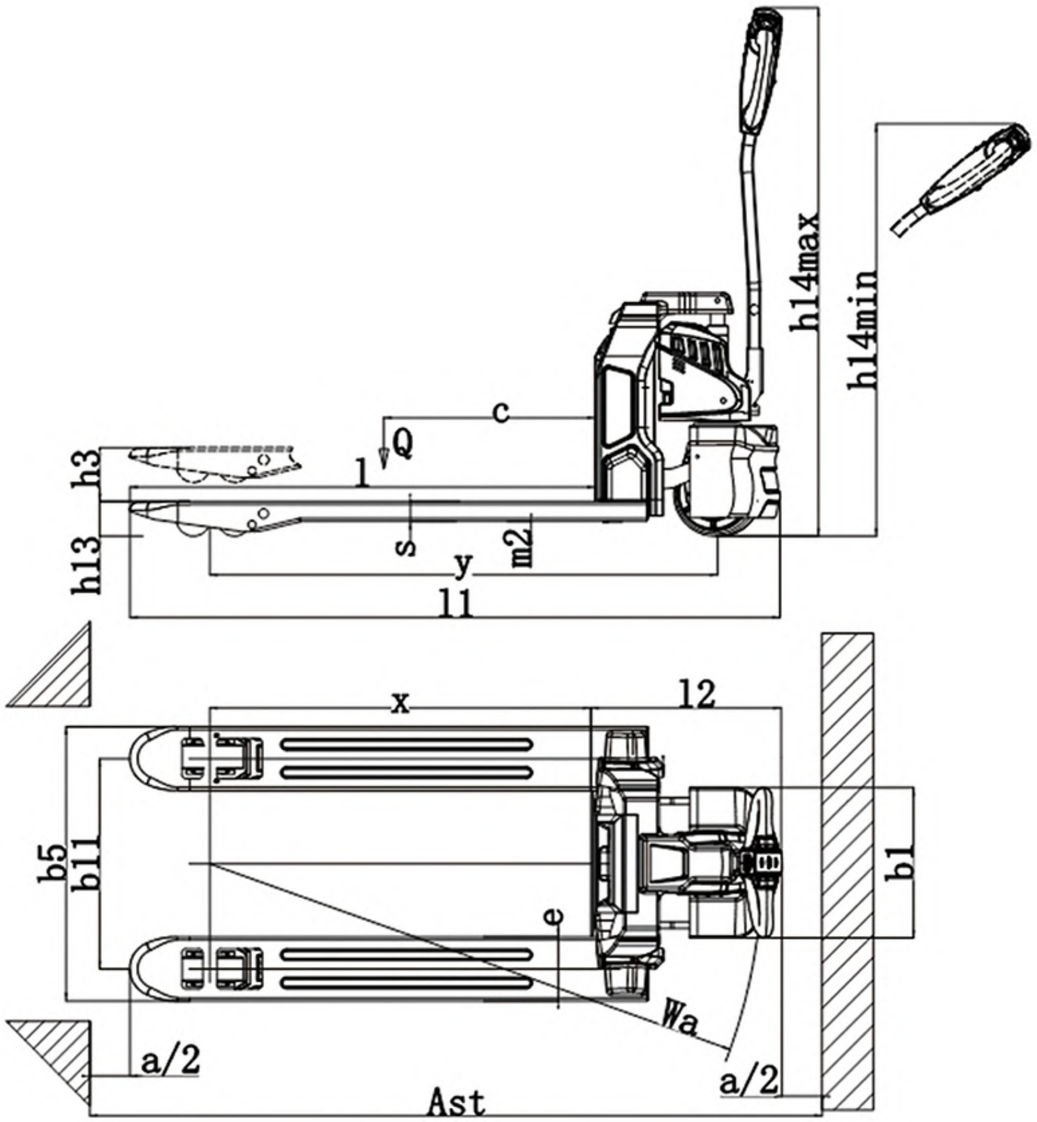
The hydraulic lifting system of this vehicle adopts the design without oil pipe, which greatly improves the reliability of the hydraulic system and reduces the risk of oil leakage of the joint or oil pipe.

Intelligent control system

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

SPECIFICATION

Technical Specification



EPT15V / EPT20V

Technical Specification

		Manufacturer's type designation		EPT-V	
Distinguishing mark	1.3	Power(battery,diesel,petrol gas,manual)		Battery	
	1.4	Operator type		Pedestrian	
	1.5	Load capacity / Rated load	Q(t)	1.5	2.0
	1.6	Load centre distance	C (mm)	600	
	1.8	Load distance ,centre of drive axle to fork	X (mm)	950	
	1.9	Wheelbase	Y (mm)	1270	
Weight	2.1	Service weight	kg	142	145
	2.2	Axle loading, laden front/rear	kg	828/1326	
	2.3	Axle loading, unladen front/rear	kg	100/34.5	
Tires, chassis	3.1	Tires		PU	
	3.2	Tire size, front	⌀×w (mm)	ϕ210×75	
	3.3	Tire size, rear	⌀×w (mm)	ϕ80×70	
	3.4	Additional wheels(dimensions)	⌀×w (mm)	\	
	3.5	Wheels, number front/rear(x=driven wheels)		1x/4	
	3.6	Tread, front	b_{10} (mm)	\	
	3.7	Tread, rear	b_{11} (mm)	390/525	
Dimensions	4.4	Lift height	h_3 (mm)	110-115	100
	4.9	Height of tiller in drive position min. / max.	h_{14} (mm)	585/1250	
	4.15	Height, lowered	h_{13} (mm)	75/85	
	4.19	Overall length	l_1 (mm)	1620	
	4.20	Length to face of forks	l_2 (mm)	470	
	4.21	Overall width	b_1 (mm)	550/685	
	4.22	Fork dimensions	s/e/l (mm)	50/160/1150	
	4.25	Distance between fork-arms	b_5 (mm)	550/685	
	4.32	Ground clearance, centre of wheelbase	m_2 (mm)	35	
	4.33	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	1820	
	4.34	Fork dimensions	Ast (mm)	1870	
	4.35	Turning radius	Wa (mm)	1380	
Performance	5.1	Travel speed, laden/ unladen	km/h	4.2/4.5	
	5.2	Lift speed, laden/ unladen	m/s	0.017/0.02	
	5.3	Lowering speed, laden / unladen	m/s	0.04/0.04	
	5.8	Gradeability, laden/ unladen	%	6/10	
	5.10	Service brake		Electromagnetic	
Motors	6.1	Drive motor rating S2 60min	kw	0.75	0.9
	6.2	Lift motor rating at S3 10%	kw	0.5	0.8
	6.3	Battery acc. to DIN 43531 /35 / 36 A, B, C, no		\	
	6.4	Battery voltage, nominal capacity K5	V/Ah	24/20(30,40,50)	48/15(20)
Additional data	6.5	Battery weight (minimum)	kg	5.5	
	6.6	Energy consumption acc. to VDI cycle	KWh/h	\	
	8.1	Type of drive control		DC speed control	
	8.4	Sound level at driver`s ear acc. to EN 12053	dB(A)	≤70	

EPT15 / EPT20
ELECTRIC PALLET TRUCK

Capacity 1500KGS / 2000 KGS
Drive by lithium battery
Moves quick and efficient
Perfect alternative to hand pallet truck

- Pin-code handle (For option)

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.

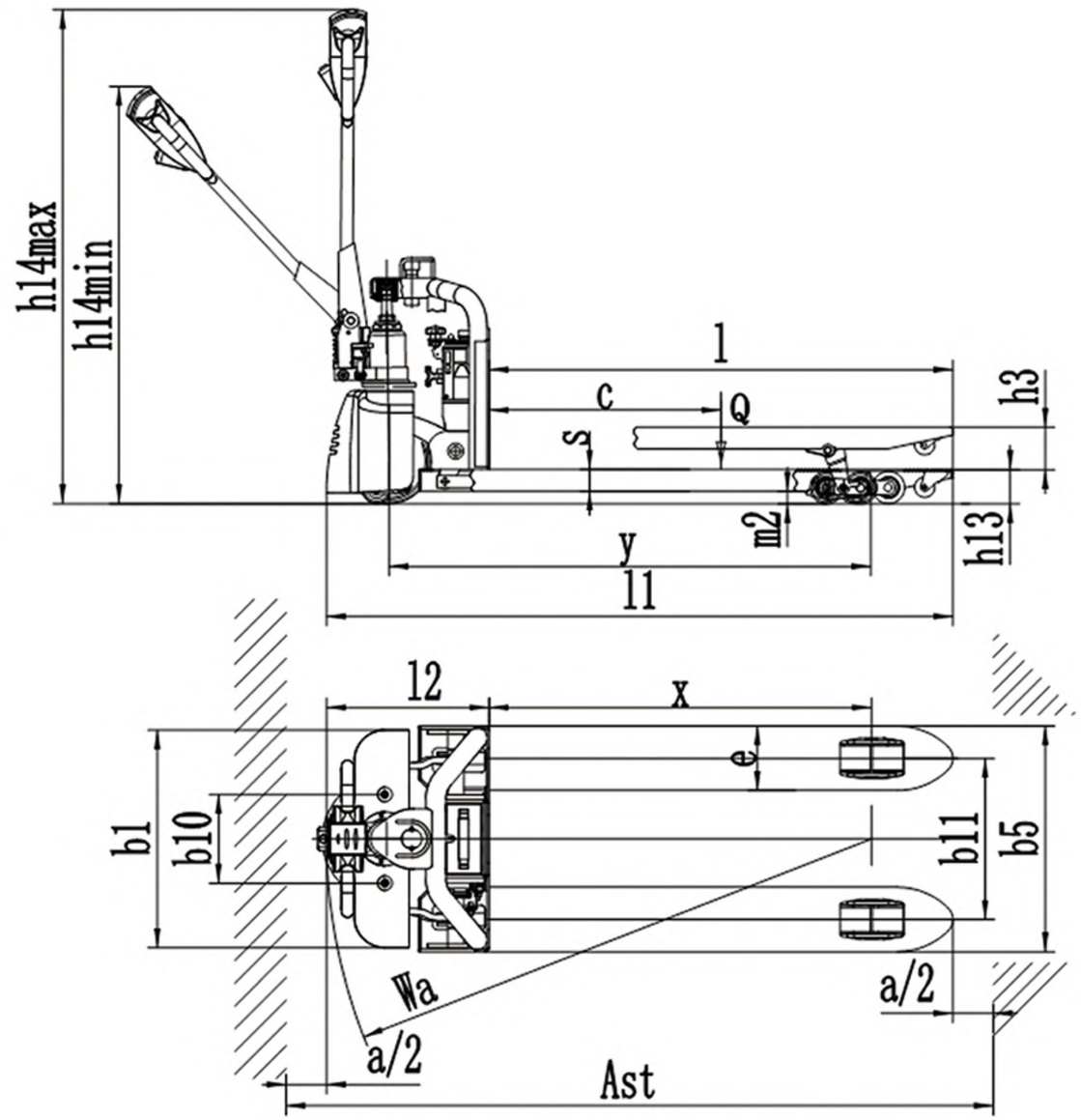
Variety battery capacity available
By pairing battery volums and its chargers to match various work time demands.

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.

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

SPECIFICATION

Technical Specification



EPT15 / EPT20

Technical Specification

		Manufacturer's type designation		EPT15	EPT20
Distinguishing mark	1.3	Power (battery ,diesel, petrol, gas, manual)		Battery	
	1.4	Operator type		Pedestrian	
	1.5	Load capacity / Rated load	Q(t)	1.5	2.0
	1.6	Load centre distance	C (mm)	600	
	1.8	Load distance ,centre of drive axle to fork	X (mm)	950/1020	
	1.9	Wheelbase	y (mm)	1220/1290	1265
Weight	2.1	Service weight	kg	155/160	335
	2.2	Axle loading, laden front/rear	kg	\	
	2.3	Axle loading, unladen front/rear	kg	\	
Tires, chassis	3.1	Tires		PU	
	3.2	Tire size, front	⌀×w (mm)	ϕ80×70	
	3.3	Tire size, rear	⌀×w (mm)	ϕ210×70	ϕ190×70
	3.4	Additional wheels(dimensions)	⌀×w (mm)	ϕ70×36	
	3.5	Wheels, number front/rear(x=driven wheels)		1x/4	1x+2/4
	3.6	Track, front	b_{10} (mm)	\	
	3.7	Track, rear	b_{11} (mm)	400/520	
Dimensions	4.4	Lift height	h_3 (mm)	105	
	4.9	Height of tiller in drive position min. / max.	h_{14} (mm)	600/1220	
	4.15	Height, lowered	h_{13} (mm)	85/75	
	4.19	Overall length	l_1 (mm)	1560/1630	1620/1630
	4.20	Length to face of forks	l_2 (mm)	410	458
	4.21	Overall width	b_1 (mm)	560/680	
	4.22	Fork dimensions	s/e/l (mm)	50/160/1150(1220)	
	4.25	Distance between fork-arms	b_5 (mm)	560/680	
	4.32	Ground clearance, centre of wheelbase	m_2 (mm)	30	
	4.33	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	2152/2220	2232/2240
	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2022/2059	2102/2079
	4.35	Turning radius	Wa (mm)	1350/1420	
Performance	5.1	Travel speed, laden/ unladen	Km/h	4.2/4.5	
	5.2	Lift speed, laden/ unladen	m/s	0.022/0.017	0.035/0.045
	5.3	Lowering speed, laden / unladen	m/s	0.026/0.03	0.05/0.04
	5.8	Gradeability, laden/ unladen	%	6/10	5/7
	5.10	Service brake		Electromagnetic	
Motors	6.1	Drive motor rating S2 60min	kw	0.75	0.85
	6.2	Lift motor rating at S3 10%	kw	0.5	
	6.3	Battery acc. to DIN 43531 /35 / 36 A, B, C, no		\	
	6.4	Battery voltage, nominal capacity K5	V/Ah	24/25	48/15
	6.5	Battery weight (minimum)	kg	7	50
	6.6	Energy consumption acc. to VDI cycle	KWh/h	\	
Additional data	8.1	Type of drive control		DC speed control	
	8.4	Sound level at driver's ear acc. to EN 12053	dB(A)	69	

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

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

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 volums and its chargers to match various work time demands.

Security and stability

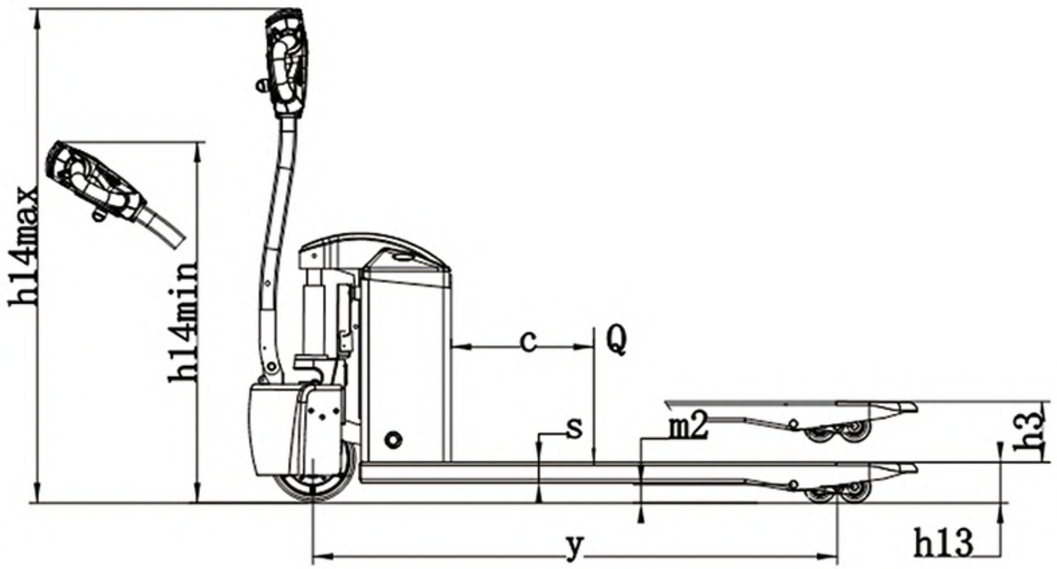
The hydraulic lifting system of this vehicle adopts the design without oil pipe, which greatly improves the reliability of the hydraulic system and reduces the risk of oil leakage of the joint or oil pipe.

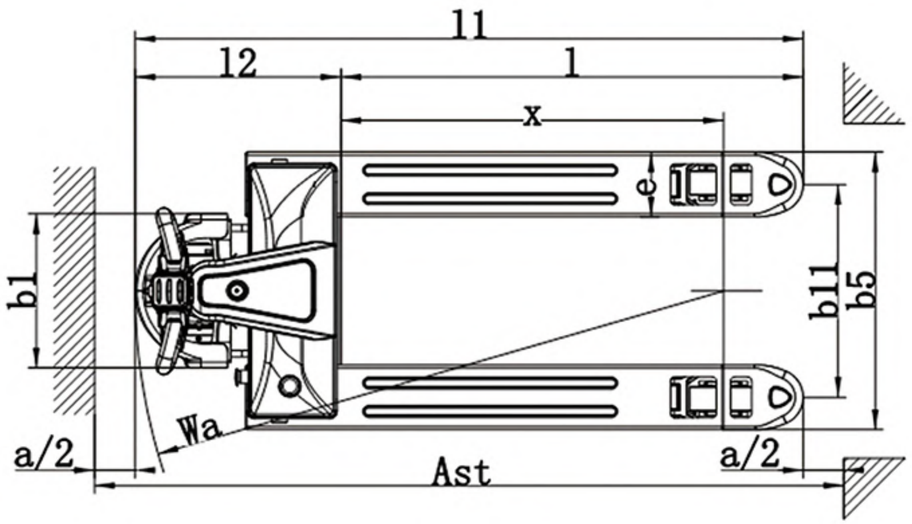
Intelligent control system

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

SPECIFICATION

Technical Specification





EPT15Q

Technical Specification

		Manufacturer's type designation		EPT15Q
Distinguishing mark	1.3	Power (battery ,diesel, petrol, gas, manual)		Battery
	1.4	Operator type		Pedestrian
	1.5	Load capacity / Rated load	Q(t)	1.5
	1.6	Load centre distance	C (mm)	600
	1.8	Load distance ,centre of drive axle to fork	X (mm)	944
	1.9	Wheelbase	y (mm)	1294
Weight	2.1	Service weight	kg	187
	2.2	Axle loading, laden front/rear	kg	588/1111
	2.3	Axle loading, unladen front/rear	kg	145/43
Tires, chassis	3.1	Tires		PU
	3.2	Tire size, front	⌀×w (mm)	ϕ210×75
	3.3	Tire size, rear	⌀×w (mm)	ϕ80×70
	3.4	Additional wheels(dimensions)	⌀×w (mm)	\
	3.5	Wheels, number front/rear(x=driven wheels)		1x/4
	3.6	Track, front	b_{10} (mm)	\
	3.7	Track, rear	b_{11} (mm)	390/525
Dimensions	4.4	Lift height	h_3 (mm)	105
	4.9	Height of tiller in drive position min. / max.	h_{14} (mm)	585/1220
	4.15	Height, lowered	h_{13} (mm)	75/85
	4.19	Overall length	l_1 (mm)	1648
	4.20	Length to face of forks	l_2 (mm)	508
	4.21	Overall width	b_1 (mm)	560/685
	4.22	Fork dimensions	s/e/l (mm)	50/160/1150
	4.25	Distance between fork-arms	b_5 (mm)	550/685
	4.32	Ground clearance, centre of wheelbase	m_2 (mm)	35
	4.33	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	2196
	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2068
	4.35	Turning radius	Wa (mm)	1393
Performance	5.1	Travel speed, laden/ unladen	Km/h	4.2/4.5
	5.2	Lift speed, laden/ unladen	m/s	0.02/0.023
	5.3	Lowering speed, laden / unladen	m/s	0.06/0.058
	5.8	Gradeability, laden/ unladen	%	6/10
	5.10	Service brake		Electromagnetic
Motors	6.1	Drive motor rating S2 60min	kw	0.75
	6.2	Lift motor rating at S3 10%	kw	0.8
	6.3	Battery acc. to DIN 43531 /35 / 36 A, B, C, no		\
	6.4	Battery voltage, nominal capacity K5	V/Ah	12/75×2
	6.5	Battery weight (minimum)	kg	18.8×2
	6.6	Energy consumption acc: to VDI cycle	KWh/h	\
Additional data	8.1	Type of drive control		DC speed control
	8.4	Sound level at driver's ear acc. to EN 12053	dB(A)	⩽70

EPT20E / EPT25E
ELECTRIC PALLET TRUCK

Capacity 2000 KGS / 2500 KGS
Drive by lithium 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.

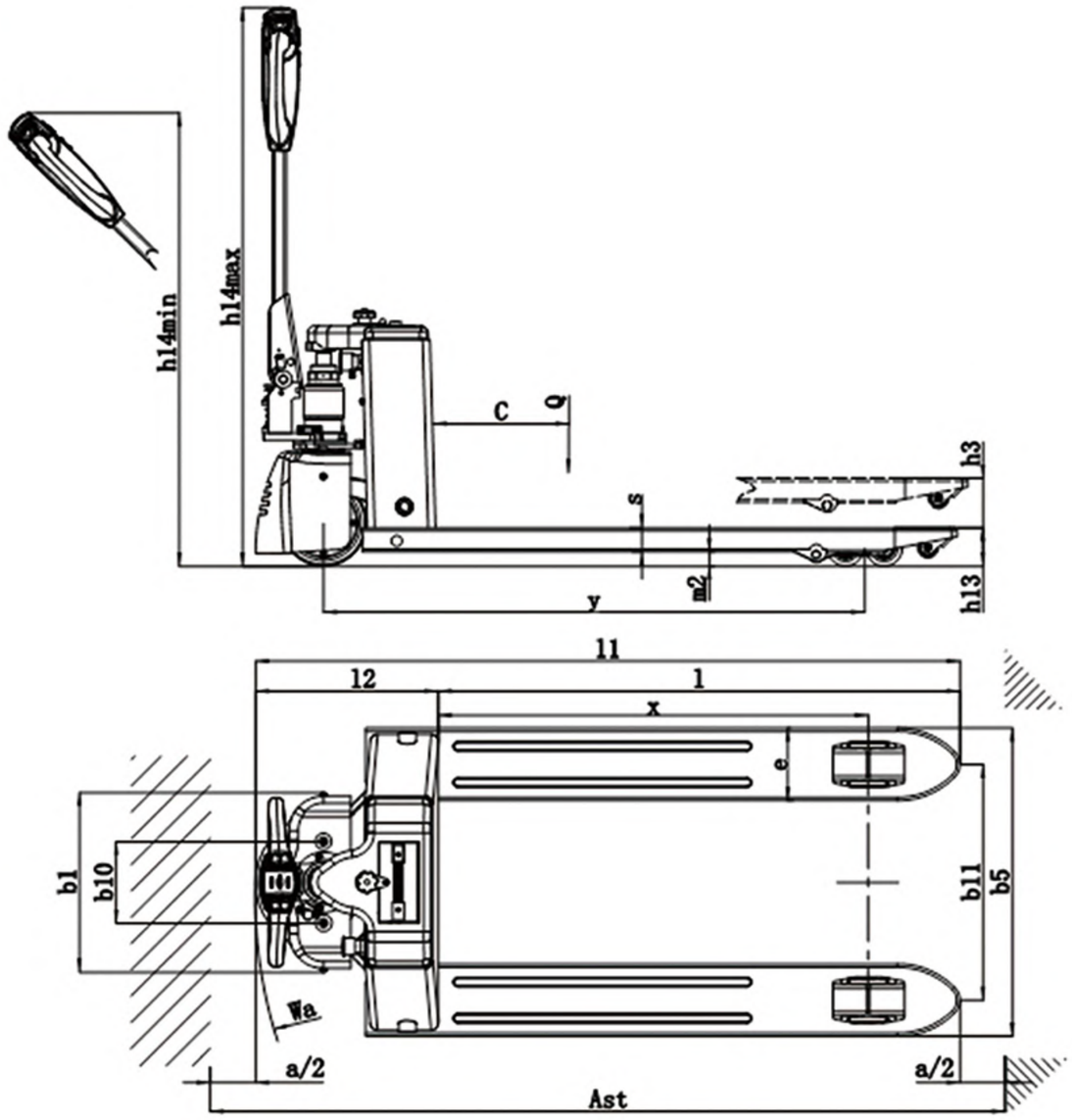
Variety battery capacity available
By pairing battery volums and its chargers to match various work time demands.

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.

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

SPECIFICATION

Technical Specification



EPT20E / EPT25E

Technical Specification

		Manufacturer's type designation		EPT20E	EPT25E
Distinguishing mark	1.3	Power (battery ,diesel, petrol, gas, manual)		Battery	
	1.4	Operator type		Pedestrian	
	1.5	Load capacity / Rated load	Q(t)	2.0	2.5
	1.6	Load centre distance	C (mm)	600	
	1.8	Load distance ,centre of drive axle to fork	X (mm)	950/1020	
	1.9	Wheelbase	y (mm)	1200/1270	
Weight	2.1	Service weight	kg	120	
	2.2	Axle loading, laden front/rear	kg	882/1357	
	2.3	Axle loading, unladen front/rear	kg	88/32	
Tires, chassis	3.1	Tires		PU	
	3.2	Tire size, front	⌀×w (mm)	ϕ190×70	
	3.3	Tire size, rear	⌀×w (mm)	ϕ80×70	
	3.4	Additional wheels(dimensions)	⌀×w (mm)	\	
	3.5	Wheels, number front/rear(x=driven wheels)		1x/4	
	3.6	Track, front	b_{10} (mm)	\	
	3.7	Track, rear	b_{11} (mm)	400/520	
Dimensions	4.4	Lift height	h_3 (mm)	110	
	4.9	Height of tiller in drive position min. / max.	h_{14} (mm)	600/1200	
	4.15	Height, lowered	h_{13} (mm)	75/85	
	4.19	Overall length	l_1 (mm)	1560	
	4.20	Length to face of forks	l_2 (mm)	410	
	4.21	Overall width	b_1 (mm)	560/680	
	4.22	Fork dimensions	s/e/l (mm)	50/160/1150 (1220)	
	4.25	Distance between fork-arms	b_5 (mm)	560/680	
	4.32	Ground clearance, centre of wheelbase	m_2 (mm)	35	
	4.33	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	2162/2230	
	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2032/2069	
	4.35	Turning radius	Wa (mm)	1360/1430	
Performance	5.1	Travel speed, laden/ unladen	Km/h	4.2/4.5	
	5.2	Lift speed, laden/ unladen	m/s	0.025/0.035	
	5.3	Lowering speed, laden / unladen	m/s	0.035/0.030	
	5.8	Gradeability, laden/ unladen	%	6/10	
	5.10	Service brake		Electromagnetic	
Motors	6.1	Drive motor rating S2 60min	kw	0.85	
	6.2	Lift motor rating at S3 10%	kw	0.5	0.8
	6.3	Battery acc. to DIN 43531 /35 / 36 A, B, C, no		\	
	6.4	Battery voltage, nominal capacity K5	V/Ah	48/10	48/15
	6.5	Battery weight (minimum)	kg	4.5	
	6.6	Energy consumption acc: to VDI cycle	KWh/h	\	
Additional data	8.1	Type of drive control		DC speed control	
	8.4	Sound level at driver's ear acc. to EN 12053	dB(A)	≤70	

EPT20ES
SCALE ELECTRIC PALLET TRUCK

Capacity 2000 KGS

Drive by lithium battery

With 4 accurate press sensor cells
Accuracy ±0.1%

Quick move and quick weighing

- Pin-code handle
(For option)

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

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 volums and its chargers to match various work time demands.

Security and stability

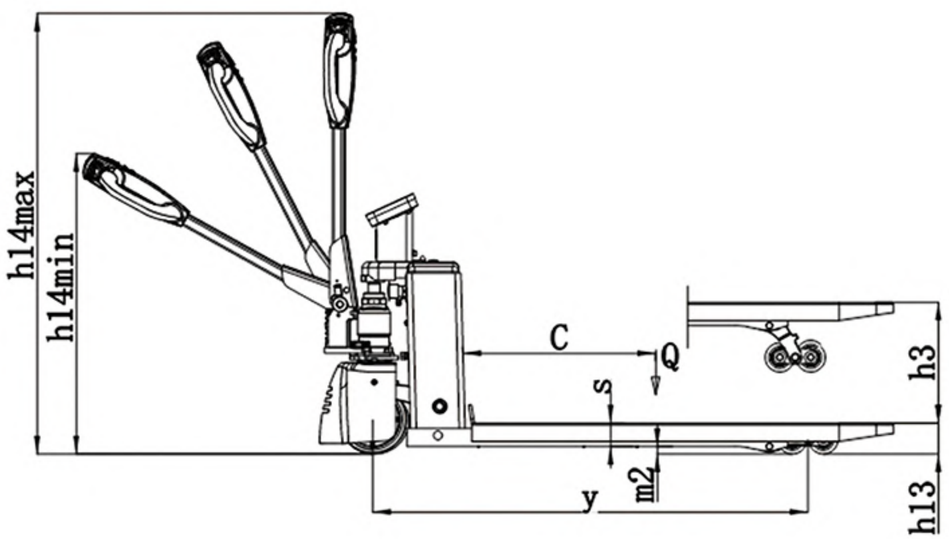
The hydraulic lifting system of this vehicle adopts the design without oil pipe, which greatly improves the reliability of the hydraulic system and reduces the risk of oil leakage of the joint or oil pipe.

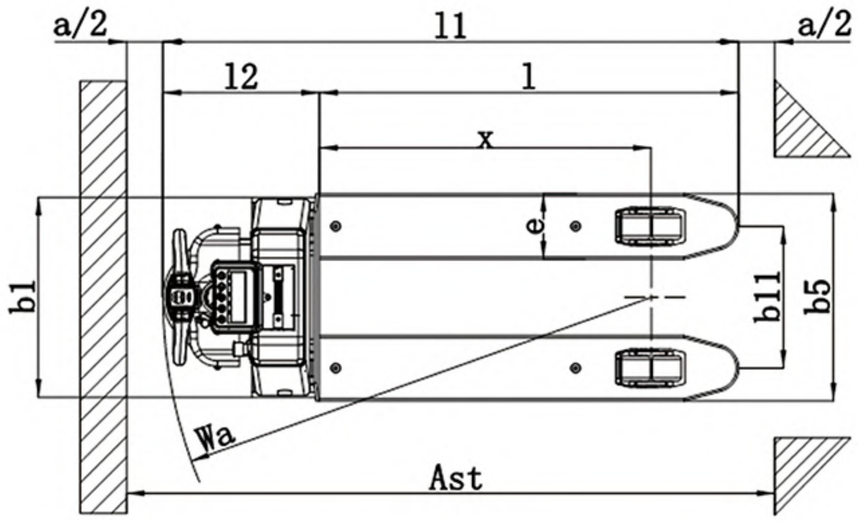
Intelligent control system

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

SPECIFICATION

Technical Specification





EPT20ES

Technical Specification

		Manufacturer`s type designation		EPT-ES
Distinguishing mark	1.3	Power(battery,diesel,petrol gas,manual)		Battery
	1.4	Operator type		Pedestrian
	1.5	Load capacity / Rated load	Q(t)	2.0
	1.6	Load centre distance	C (mm)	600
	1.8	Load distance ,centre of drive axle to fork	X (mm)	910
	1.9	Wheelbase	Y (mm)	1220
Weight	2.1	Service weight	kg	132
	2.2	Axle loading, laden front/rear	kg	\
	2.3	Axle loading, unladen front/rear	kg	\
Tires, chassis	3.1	Tires		Polyester iron core
	3.2	Tire size, front	⌀×w (mm)	ϕ190×70
	3.3	Tire size, rear	⌀×w (mm)	ϕ80×70
	3.4	Additional wheels(dimensions)	⌀×w (mm)	\
	3.5	Wheels, number front/rear(x=driven wheels)		1x/4
	3.6	Tread, front	b_{10} (mm)	\
	3.7	Tread, rear	b_{11} (mm)	390/510
Dimensions	4.4	Lift height	h_3 (mm)	110
	4.9	Height of tiller in drive position min. / max.	h_{14} (mm)	600/1200
	4.15	Height, lowered	h_{13} (mm)	85
	4.19	Overall length	l_1 (mm)	1540
	4.20	Length to face of forks	l_2 (mm)	395
	4.21	Overall width	b_1 (mm)	570/690
	4.22	Fork dimensions	s/e/l (mm)	60/180/1150 (1220)
	4.25	Distance between fork-arms	b_5 (mm)	570/690
	4.32	Ground clearance, centre of wheelbase	m_2 (mm)	30
	4.33	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	2157
	4.34	Fork dimensions	Ast (mm)	2044
	4.35	Turning radius	Wa (mm)	1350
Performance	5.1	Travel speed, laden/ unladen	km/h	4.2/4.5
	5.2	Lift speed, laden/ unladen	m/s	0.017/0.022
	5.3	Lowering speed, laden / unladen	m/s	0.03/0.026
	5.8	Gradeability, laden/ unladen	%	6/10
	5.10	Service brake		Electromagnetic
Motors	6.1	Drive motor rating S2 60min	kw	0.85
	6.2	Lift motor rating at S3 10%	kw	0.5
	6.3	Battery acc. to DIN 43531 /35 / 36 A, B, C, no		\
	6.4	Battery voltage, nominal capacity K5	V/Ah	48/15
Additional data	6.5	Battery weight (minimum)	kg	4.5
	6.6	Energy consumption acc. to VDI cycle	KWh/h	\
	8.1	Type of drive control		DC speed control
	8.4	Sound level at driver`s ear acc. to EN 12053	dB(A)	67

EPT20ES-S
SCALE ELECTRIC PALLET TRUCK

Capacity 2000 KGS

Drive by lithium battery

With 4 accurate press sensor cells
Accuracy ±0.1%

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

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 volums and its chargers to match various work time demands.

Security and stability

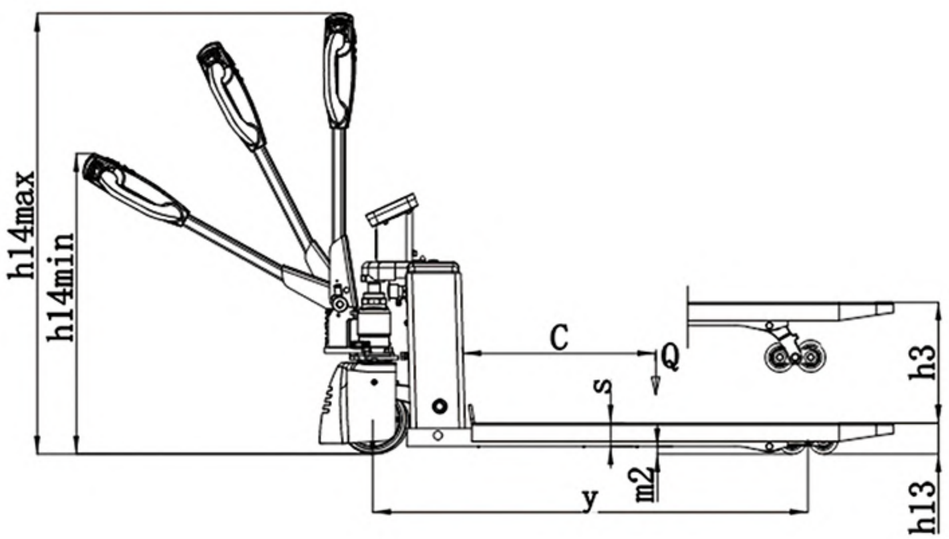
The hydraulic lifting system of this vehicle adopts the design without oil pipe, which greatly improves the reliability of the hydraulic system and reduces the risk of oil leakage of the joint or oil pipe.

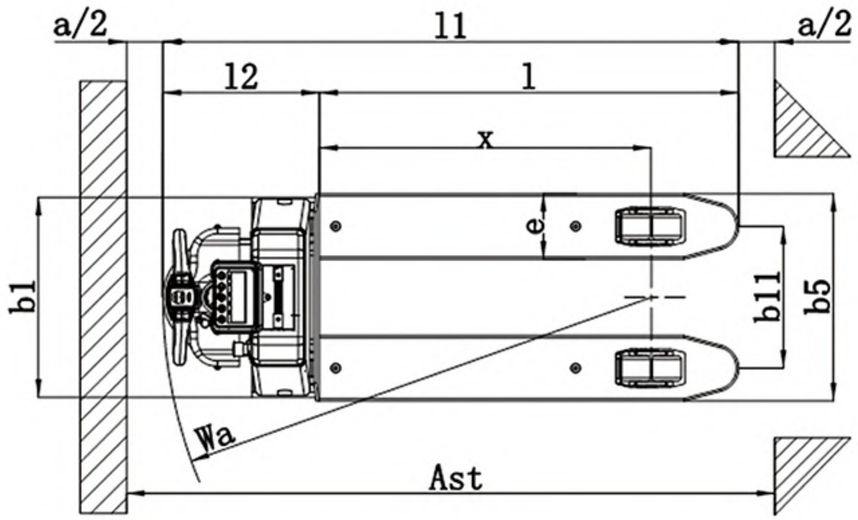
Intelligent control system

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

SPECIFICATION

Technical Specification





Technical Specification

		Manufacturer`s type designation		EPT20ES-S
Distinguishing mark	1.3	Power(battery,diesel,petrol gas,manual)		Battery
	1.4	Operator type		Pedestrian
	1.5	Load capacity / Rated load	Q(t)	2.0
	1.6	Load centre distance	C (mm)	600
	1.8	Load distance ,centre of drive axle to fork	X (mm)	910
	1.9	Wheelbase	Y (mm)	1220
Weight	2.1	Service weight	kg	132
	2.2	Axle loading, laden front/rear	kg	\
	2.3	Axle loading, unladen front/rear	kg	\
Tires, chassis	3.1	Tires		Polyester iron core
	3.2	Tire size, front	⌀×w (mm)	ϕ190×70
	3.3	Tire size, rear	⌀×w (mm)	ϕ80×70
	3.4	Additional wheels(dimensions)	⌀×w (mm)	\
	3.5	Wheels, number front/rear(x=driven wheels)		1x/4
	3.6	Tread, front	b_{10} (mm)	\
	3.7	Tread, rear	b_{11} (mm)	390/510
Dimensions	4.4	Lift height	h_3 (mm)	110
	4.9	Height of tiller in drive position min. / max.	h_{14} (mm)	600/1200
	4.15	Height, lowered	h_{13} (mm)	85
	4.19	Overall length	l_1 (mm)	1540
	4.20	Length to face of forks	l_2 (mm)	395
	4.21	Overall width	b_1 (mm)	570/690
	4.22	Fork dimensions	s/e/l (mm)	60/180/1150 (1220)
	4.25	Distance between fork-arms	b_5 (mm)	570/690
	4.32	Ground clearance, centre of wheelbase	m_2 (mm)	30
	4.33	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	2157
	4.34	Fork dimensions	Ast (mm)	2044
	4.35	Turning radius	Wa (mm)	1350
Performance	5.1	Travel speed, laden/ unladen	km/h	4.2/4.5
	5.2	Lift speed, laden/ unladen	m/s	0.017/0.022
	5.3	Lowering speed, laden / unladen	m/s	0.03/0.026
	5.8	Gradeability, laden/ unladen	%	6/10
	5.10	Service brake		Electromagnetic
Motors	6.1	Drive motor rating S2 60min	kw	0.85
	6.2	Lift motor rating at S3 10%	kw	0.5
	6.3	Battery acc. to DIN 43531 /35 / 36 A, B, C, no		\
	6.4	Battery voltage, nominal capacity K5	V/Ah	48/15
Additional data	6.5	Battery weight (minimum)	kg	4.5
	6.6	Energy consumption acc. to VDI cycle	KWh/h	\
	8.1	Type of drive control		DC speed control
	8.4	Sound level at driver`s ear acc. to EN 12053	dB(A)	67

QET20
ELECTRIC PALLET TRUCK

Capacity 2000 KGS

Electric walkie pallet truck

Economic and practical

Drive by lithium battery

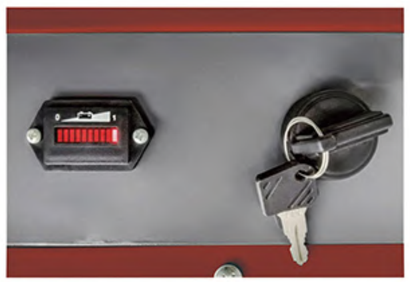
Emergency reverse

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

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 volums and its chargers to match various work time demands.

Security and stability

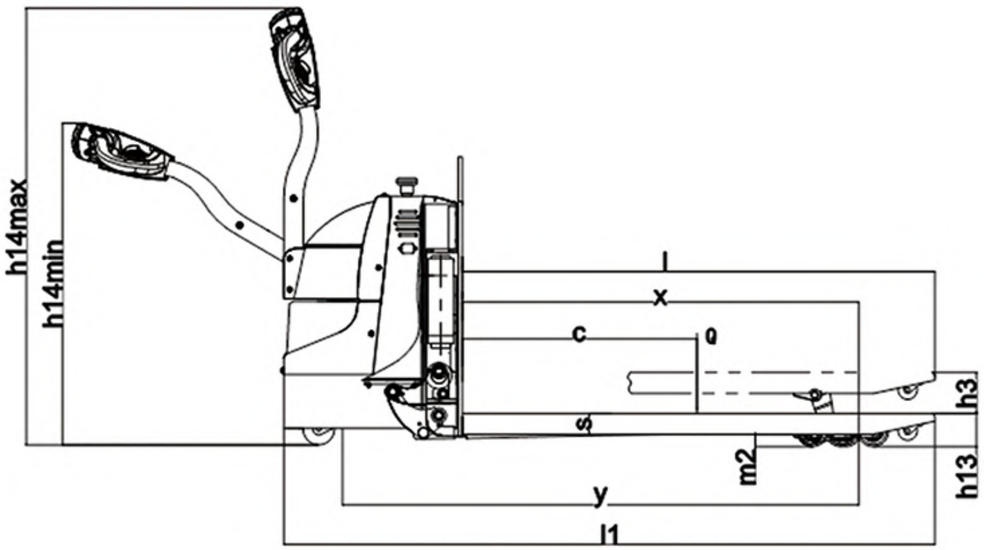
The hydraulic lifting system of this vehicle adopts the design without oil pipe, which greatly improves the reliability of the hydraulic system and reduces the risk of oil leakage of the joint or oil pipe.

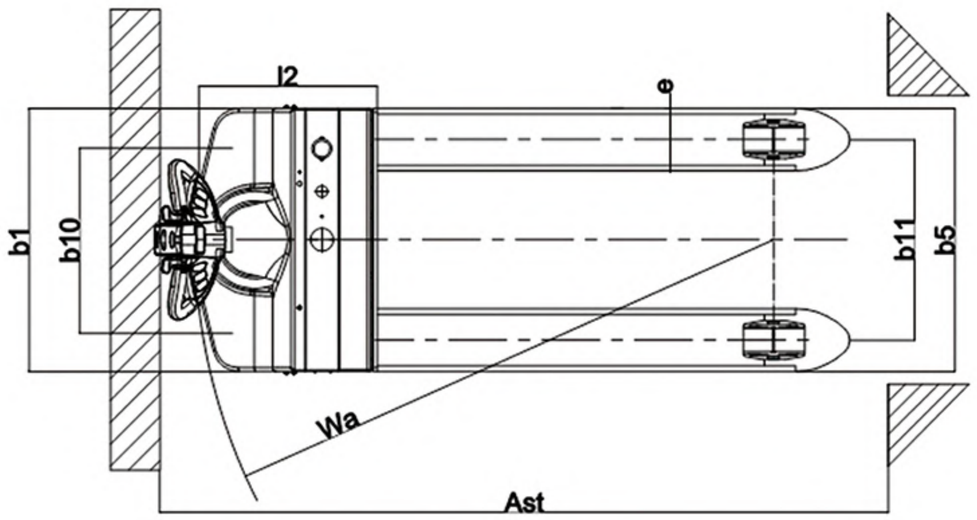
Intelligent control system

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

SPECIFICATION

Technical Specification





QET20

Technical Specification

		Manufacturer's type designation		QET20
Distinguishing mark	1.3	Power(battery,diesel,petrol gas,manual)		Battery
	1.4	Operator type		Pedestrian
	1.5	Load capacity / Rated load	Q(t)	2.0
	1.6	Load centre distance	C (mm)	600
	1.8	Load distance ,centre of drive axle to fork	X (mm)	1050
	1.9	Wheelbase	Y (mm)	1265
Weight	2.1	Service weight	kg	253
	2.2	Axle loading, laden front/rear	kg	1056/1208
	2.3	Axle loading, unladen front/rear	kg	173/63
Tires, chassis	3.1	Tires		PU
	3.2	Tire size, front	⌀×w (mm)	ϕ190×70
	3.3	Tire size, rear	⌀×w (mm)	ϕ80×70
	3.4	Additional wheels(dimensions)	⌀×w (mm)	ϕ70×36
	3.5	Wheels, number front/rear(x=driven wheels)		1x+2/4
	3.6	Tread, front	b_{10} (mm)	\
	3.7	Tread, rear	b_{11} (mm)	400/520
Dimensions	4.4	Lift height	h_3 (mm)	105
	4.9	Height of tiller in drive position min. / max.	h_{14} (mm)	810/1210
	4.15	Height, lowered	h_{13} (mm)	85
	4.19	Overall length	l_1 (mm)	1620/1630
	4.20	Length to face of forks	l_2 (mm)	458
	4.21	Overall width	b_1 (mm)	680
	4.22	Fork dimensions	s/e/l (mm)	160/54/1150
	4.25	Distance between fork-arms	b_5 (mm)	560/680
	4.32	Ground clearance, centre of wheelbase	m_2 (mm)	35
	4.33	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	2232/2242
	4.34	Fork dimensions	Ast (mm)	2057/2067
	4.35	Turning radius	Wa (mm)	1430/1440
Performance	5.1	Travel speed, laden/ unladen	km/h	4.2/4.5
	5.2	Lift speed, laden/ unladen	m/s	0.035/0.045
	5.3	Lowering speed, laden / unladen	m/s	0.05/0.04
	5.8	Gradeability, laden/ unladen	%	5/6
	5.10	Service brake		Electromagnetic
Motors	6.1	Drive motor rating S2 60min	kw	0.85
	6.2	Lift motor rating at S3 10%	kw	0.8
	6.3	Battery acc. to DIN 43531 /35 / 36 A, B, C, no		\
	6.4	Battery voltage, nominal capacity K5	V/Ah	48/30
Additional data	6.5	Battery weight (minimum)	kg	11
	6.6	Energy consumption acc. to VDI cycle	KWh/h	\
	8.1	Type of drive control		DC speed control
	8.4	Sound level at driver`s ear acc. to EN 12053	dB(A)	69

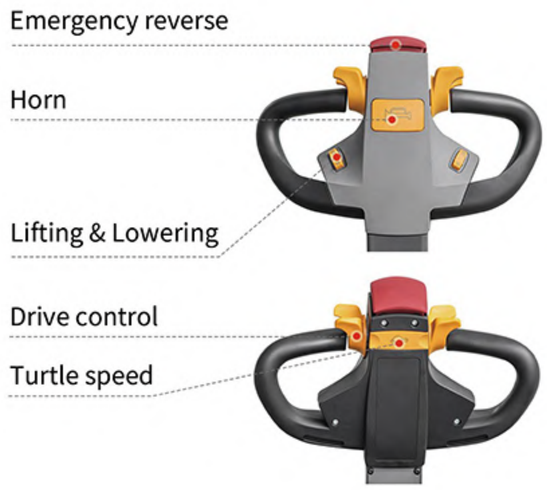
QET20P / QET25P / QET30P
RIDER-CONTROL ELECTRIC PALLET TRUCK

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 switch
Battery indicator

Foldable arm
Increase security and protect the safety of users

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

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

Fixed platform (For option)

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 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.

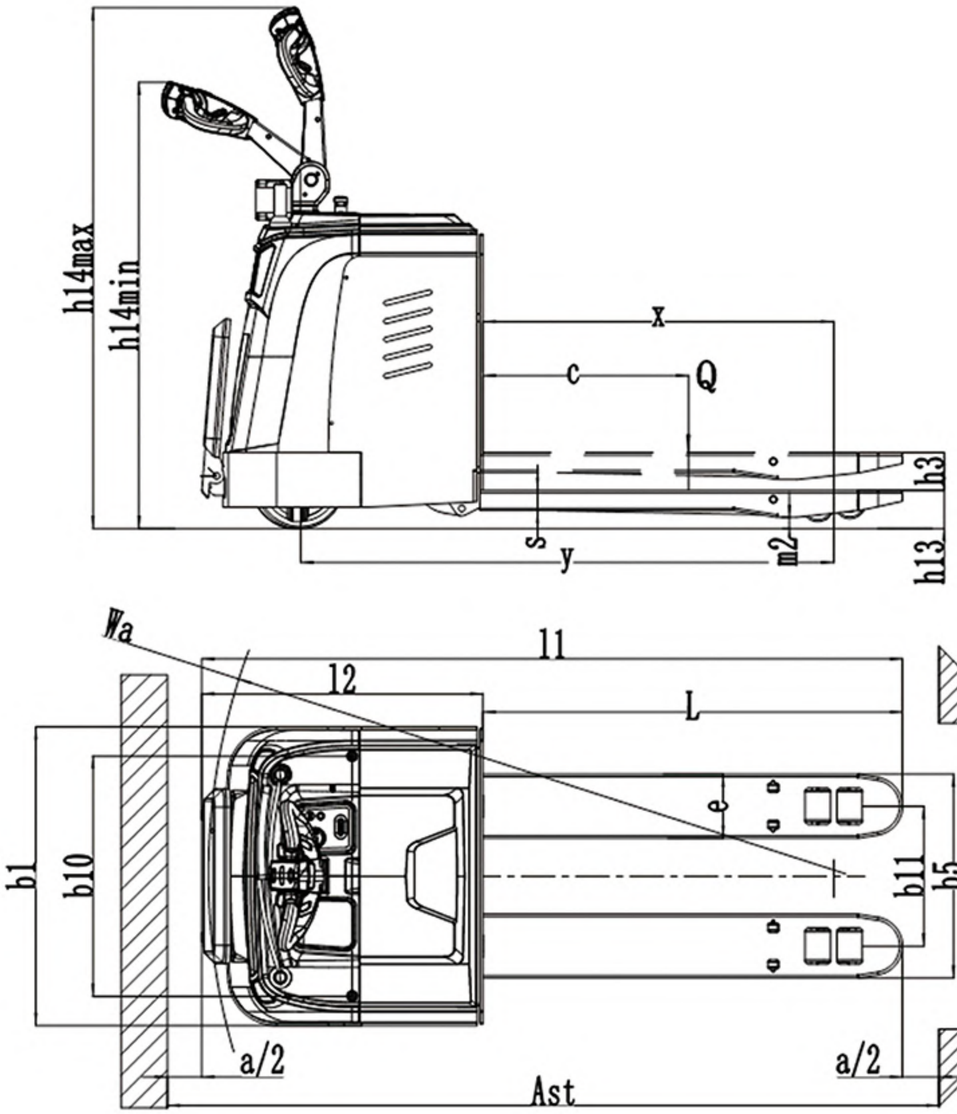
Intelligent control system

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

QET25P / QET25P / QET30P PALLET TRUCK

SPECIFICATION

Technical Specification



QET20P / 25P / 30P

Technical Specification

		Manufacturer's type designation		QET-P		
Distinguishing mark	1.3	Power(battery,diesel,petrol gas,manual)		Battery		
	1.4	Operator type		Station drive type		
	1.5	Load capacity / Rated load	Q(t)	2.0	2.5	3.0
	1.6	Load centre distance	C (mm)	600		
	1.8	Load distance ,centre of drive axle to fork	X (mm)	960		
	1.9	Wheelbase	Y (mm)	1500		
Weight	2.1	Service weight	kg	625		
	2.2	Axle loading, laden front/rear	kg	1095/1633		
	2.3	Axle loading, unladen front/rear	kg	497/124		
Tires, chassis	3.1	Tires		PU		
	3.2	Tire size, front	⌀×w (mm)	ϕ250×80		
	3.3	Tire size, rear	⌀×w (mm)	ϕ80×80		
	3.4	Additional wheels(dimensions)	⌀×w (mm)	ϕ115×55		
	3.5	Wheels, number front/rear(x=driven wheels)		1x+2/4		
	3.6	Tread, front	b_{10} (mm)	625		
	3.7	Tread, rear	b_{11} (mm)	385/510		
Dimensions	4.4	Lift height	h_3 (mm)	120		
	4.9	Height of tiller in drive position min. / max.	h_{14} (mm)	1030/1430		
	4.15	Height, lowered	h_{13} (mm)	85		
	4.19	Overall length	l_1 (mm)	1930		
	4.20	Length to face of forks	l_2 (mm)	780		
	4.21	Overall width	b_1 (mm)	820		
	4.22	Fork dimensions	s/e/l (mm)	50/176/1150		
	4.25	Distance between fork-arms	b_5 (mm)	560/685		
	4.32	Ground clearance, centre of wheelbase	m_2 (mm)	30		
	4.33	Aisle width for pallets 1000 x 1200 crossways	Ast (mm)	2551		
	4.34	Fork dimensions	Ast (mm)	2416		
	4.35	Turning radius	Wa (mm)	1750		
Performance	5.1	Travel speed, laden/ unladen	km/h	5.5/5.8		
	5.2	Lift speed, laden/ unladen	m/s	0.04/0.05		
	5.3	Lowering speed, laden / unladen	m/s	0.06/0.05		
	5.8	Gradeability, laden/ unladen	%	8/20		
	5.10	Service brake		Electromagnetic braking		
Motors	6.1	Drive motor rating S2 60min	kw	2.5(AC)		
	6.2	Lift motor rating at S3 10%	kw	2.2		
	6.3	Battery acc. to DIN 43531 /35 / 36 A, B, C, no		\		
	6.4	Battery voltage, nominal capacity K5 — Lead acid battery	V/Ah	24/210 (270)		
		Battery voltage, nominal capacity K5 — Lithium battery (For option)	V/Ah	24/(150,175,200,230)		
Additional data	6.5	Battery weight (minimum)	kg	200/260		
	6.6	Energy consumption acc. to VDI cycle	KWh/h	\		
	8.1	Type of drive control		AC speed control		
	8.4	Sound level at driver`s ear acc. to EN 12053	dB(A)	69		

MANUAL PALLET STACKER

Load capacity 1000 KGS / 1500 KGS 2000 KGS

Lift up to 1600 mm - 3000 mm

Therefore the truck is an ideal and economic choice suitable for first level stacking

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.

Advantages

It applies C ype steel structure design, lifting more stable and safe. All Manual stacker have been equipped with wheel frame protection device.

The handle have been surround with rubber. With lengtheningdesign , Using more comfortable.

Single mast series is with Two ways to unload by manual and pedalusing more flexible.

Fork with adjustable nut, it can easy to adjust the fork height.

Wheel frame equipped with grease fitting design, it will help doroutine maintenance for bearing.

Single Frame Series

Model		QMS1016	QMS1516	QMS2016
Load capacity	kg	1000	1500	2000
Lifting height	mm	1600	1600	1600
Fork length	mm	900/1000/1150	900/1000/1150	900/1000/1150
Width overall forks	mm	330-740/550	330-740/550	330-740/550
Overall height	mm	1980	2000	1990
Min.fork height	mm	85	85	85

Double Frame Series

Model		QMS1020	QMS1025	QMS1030	QMS1520	QMS1525	QMS1530
Load capacity	kg	1000	1000	1000	1500	1500	1500
Lifting height	mm	2000	2500	3000	2000	2500	3000
Fork length	mm	900/1000/1150	900/1000/1150	900/1000/1150	900/1000/1150	900/1000/1150	900/1000/1150
Width overall forks	mm	330-740/550	330-740/550	330-740/550	330-740/550	330-740/550	330-740/550
Overall height	mm	1590	1840	2090	1590	1840	2090
Min.fork height	mm	85	85	85	85	85	85

SES10 / SES12 / SES15
ELECTRIC SELF-LIFTING STACKER

Capacity 1000 KGS / 1200 KGS / 1500 KGS

SES10 / SES12 / SES15 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, 1.2 tons and 1.5 tons lifting height from 90 cm to 165 cm. The compact and lightweight design is suitable for various application scenarios.

- Pin-code handle (For option)

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 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.

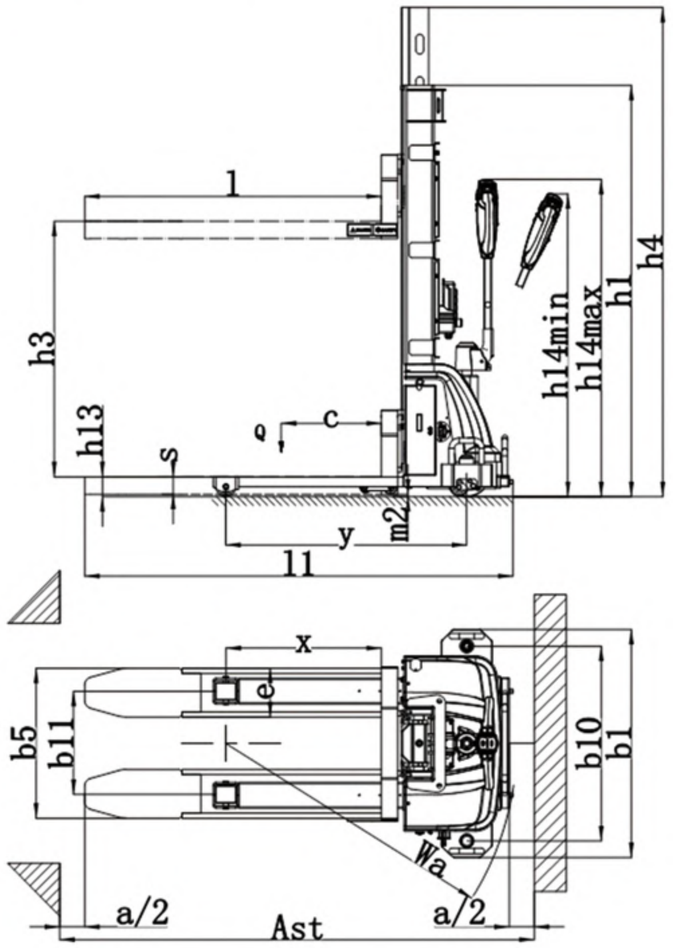
Intelligent control system

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

SPECIFICATION

Technical Specification

Designation	Lowered mast height h1(mm)	Free Lift height h2(mm)	Lift height h3(mm)	Extended mast height h4(mm)	Lift+fork height h3+h13(mm)
			SES		
Two stage mast	1250	–	815	2080	900
	1450	–	1015	2480	1100
	1650	–	1215	2880	1300
	1850	–	1415	3280	1500
	2000	–	1565	3580	1650
Two stage mast FFL (Full-Free-Lift)	–	–	–	–	–
Three stage mast	–	–	–	–	–
Three stage mast FFL (Full-Free-Lift)	–	–	–	–	–



SES10 / SES12 / SES15

Technical Specification

		Manufacturer's type designation		SES		
Distinguishing mark	1.3	Power (battery ,diesel, petrol, gas, manual)		Battery		
	1.4	Operator type		Pedestrian		
	1.5	Load capacity / Rated load	Q(t)	1.0	1.2	1.5
	1.6	Load centre distance	C (mm)	400		
	1.8	Load distance ,centre of drive axle to fork	X (mm)	622		
	1.9	Wheelbase	Y (mm)	980		
Weight	2.1	Service weight	kg	430		
	2.2	Axle loading, laden front/rear	kg	\		
	2.3	Axle loading, unladen front/rear	kg	\		
Tires, chassis	3.1	Tires		PU		
	3.2	Tire size, front	∅×w (mm)	ϕ190×70		
	3.3	Tire size, rear	∅×w (mm)	ϕ80×70		
	3.4	Additional wheels(dimensions)	∅×w (mm)	ϕ75×35		
	3.5	Wheels, number front/rear(x=driven wheels)		1X+2/2		
	3.6	Track, front	b_{10} (mm)	780		
	3.7	Track, rear	b_{11} (mm)	417		
Dimensions	4.2	Lowered mast height	h_1 (mm)	1450		
	4.3	Free Lift height	h_2 (mm)	\		
	4.4	Lift height	h_3 (mm)	1015		
	4.5	Extended mast height	h_4 (mm)	2480		
	4.6	Initial lift	h_5 (mm)	105		
	4.9	Height of tiller in drive position min./ max.	h_{14} (mm)	740/1250		
	4.15	Height, lowered	h_{13} (mm)	85		
	4.19	Overall length	l_1 (mm)	1730		
	4.20	Length to face of forks	l_2 (mm)	527		
	4.21	Overall width	b_1 (mm)	920		
	4.22	Fork dimensions	s/e/l (mm)	70/195/1220		
	4.25	Distance between fork-arms	b_5 (mm)	560/600		
	4.32	Ground clearance, centre of wheelbase	m_2 (mm)	10		
	4.33	Aisle width for pallets 1000X1200 crossways	Ast (mm)	2089		
	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2083		
	4.35	Turning radius	Wa (mm)	1180		
Performance data	5.1	Travel speed, laden/ unladen	Km/h	4.0/4.2		
	5.2	Lift speed, laden/ unladen	m/s	0.06/0.07		
	5.3	Lowering speed, laden/ unladen	m/s	0.1/0.09		
	5.8	Max. gradeability, laden/ unladen	%	\		
	5.10	Service brake		Electromagnetic		
Electric- engine	6.1	Drive motor rating S2 60min	kw	0.85		
	6.2	Lift motor rating at S3 4.5%	kw	2.2		
	6.3	Battery acc. to DIN 43531/35/36 A, B, C, no		\		
	6.4	Battery voltage, nominal capacity K5	V/Ah	48/25(48/30)		48/30
	6.5	B Battery weight +/-5%	kg	30		
	6.6	Energy consumption acc: to VDI cycle	kWh/h	\		
Additional data	8.1	Type of drive control		DC speed control		
	8.4	Sound level at driver's ear acc. to EN 12053	dB(A)	⩽70		

QSS15

SEMI-ELECTRIC STACKER

Load capacity 1500 KGS

Lift up to 1600 mm - 3500 mm

The best choice for short distance transportation

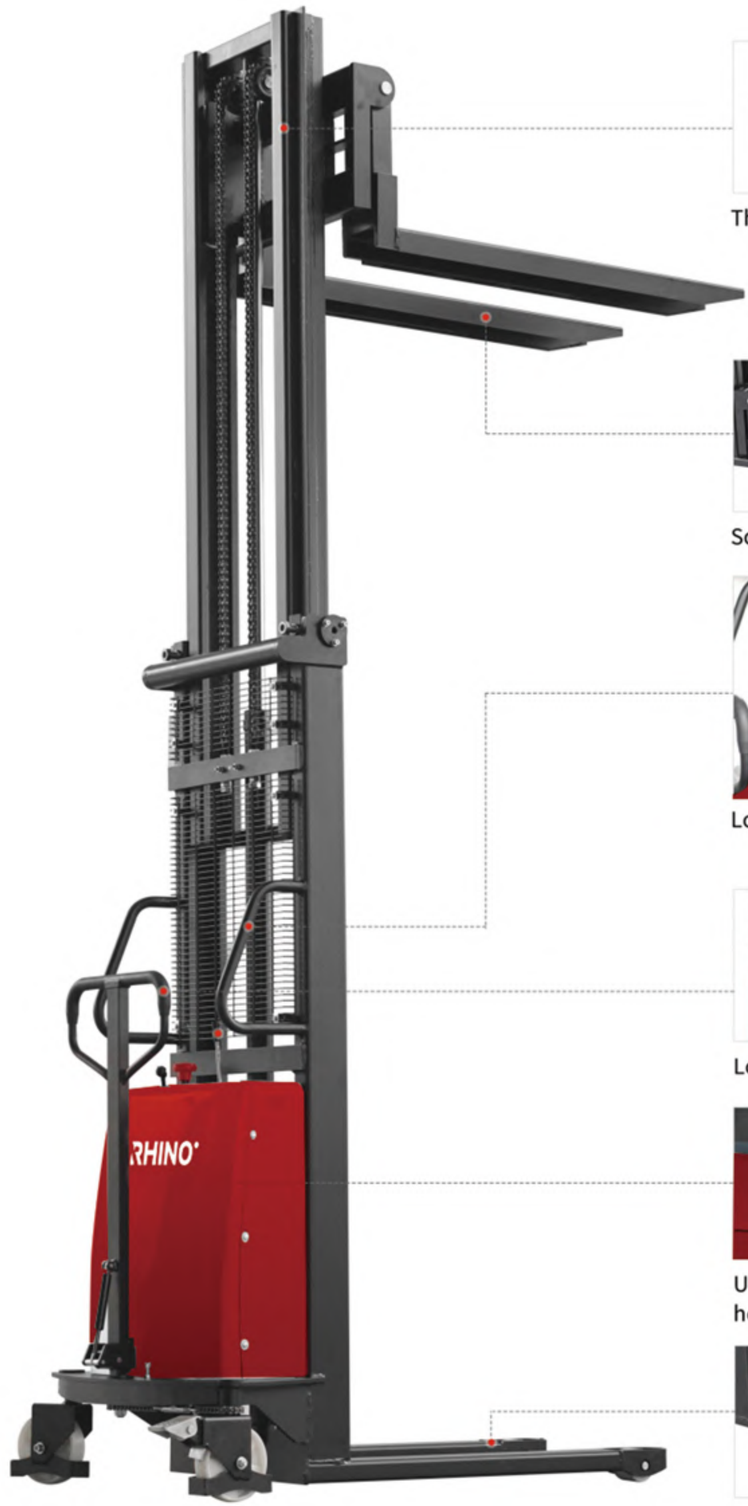
Main Feature

Variety battery capacity available

By pairing battery 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.



Thickened mast frame

Solid metal fork

Long armrest

Long handle

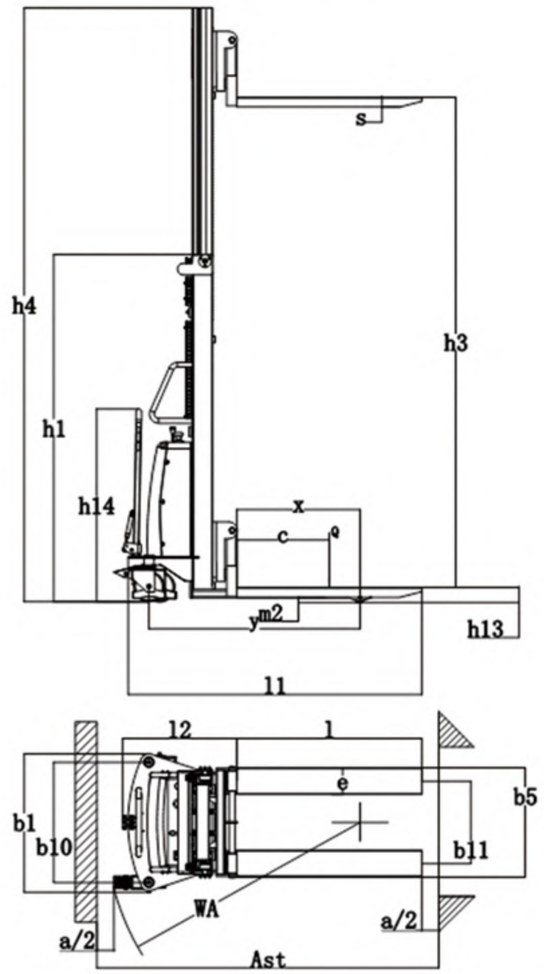
Use handle to control fork height electrically

Solid metal leg

SPECIFICATION

Technical Specification

Designation	Lowered mast height h1(mm)	Free Lift height h2(mm)	Lift height h3(mm)	Extended mast height h4(mm)	Lift+fork height h3+h13(mm)
			QSS15		
Two stage mast	2060	–	1515	2065	1600
	1560	–	1915	2528	2000
	1810	–	2415	3028	2500
	2060	–	2915	3528	3000
	2310	–	3415	4028	3500
Two stage mast FFL (Full-Free-Lift)	–	–	–	–	–
Three stage mast	–	–	–	–	–
Three stage mast FFL (Full-Free-Lift)	–	–	–	–	–



QSS15

Technical Specification

		Manufacturer's type designation		QSS15(Type 550)	QSS15(Type 650)
Distinguishing mark	1.3	Power (battery ,diesel, petrol, gas, manual)		\	
	1.4	Operator type		Pedestrian	
	1.5	Load capacity / Rated load	Q(t)	1.5	
	1.6	Load centre distance	C (mm)	600	
	1.8	Load distance ,centre of drive axle to fork	X (mm)	730	
	1.9	Wheelbase	Y (mm)	1253	
Weight	2.1	Service weight	kg	377	
	2.2	Axle loading, laden front/rear	kg	\	
	2.3	Axle loading, unladen front/rear	kg	\	
Tires, chassis	3.1	Tires		Nylon	
	3.2	Tire size, front	⌀×w (mm)	φ180×50	
	3.3	Tire size, rear	⌀×w (mm)	φ80×70	
	3.4	Additional wheels(dimensions)	⌀×w (mm)	φ180×50	
	3.5	Wheels, number front/rear(x=driven wheels)		0x+2/2	
	3.6	Track, front	b_{10} (mm)	714	
	3.7	Track, rear	b_{11} (mm)	390	490
Dimensions	4.2	Lowered mast height	h_1 (mm)	1560	
	4.3	Free Lift height	h_2 (mm)	\	
	4.4	Lift height	h_3 (mm)	1915	
	4.5	Extended mast height	h_4 (mm)	2528	
	4.9	Height of tiller in drive position min./ max.	h_{14} (mm)	700/1215	
	4.15	Height, lowered	h_{13} (mm)	85	
	4.19	Overall length	l_1 (mm)	1795	
	4.20	Length to face of forks	l_2 (mm)	676	
	4.21	Overall width	b_1 (mm)	820	
	4.22	Fork dimensions	s/e/l (mm)	60/160/1150	
	4.25	Distance between fork-arms	b_5 (mm)	330~550	330~650
	4.32	Ground clearance, centre of wheelbase	m_2 (mm)	30	
	4.33	Aisle width for pallets 1000X1200 crossways	Ast (mm)	2371	
	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2330	
	4.35	Turning radius	Wa (mm)	1513	
Performance data	5.1	Travel speed, laden/ unladen	Km/h	\	
	5.2	Lift speed, laden/ unladen	m/s	0.07/0.1	
	5.3	Lowering speed, laden/ unladen	m/s	0.11/0.09	
	5.8	Max. gradeability, laden/ unladen	%	\	
	5.10	Service brake		Mechanical braking	
Electric- engine	6.1	Drive motor rating S2 60min	kw	\	
	6.2	Lift motor rating at S3 4.5%	kw	1.6	
	6.3	Battery acc. to DIN 43531/35/36 A, B, C, no		\	
	6.4	Battery voltage, nominal capacity K5	V/Ah	12/120	
	6.5	B Battery weight +/-5%	kg	34	
	6.6	Energy consumption acc: to VDI cycle	kWh/h	\	
Additional data	8.1	Type of drive control		\	
	8.4	Sound level at driver's ear acc. to EN 12053	dB(A)	69	

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 volums and its chargers to match various work time demands.

Security and stability

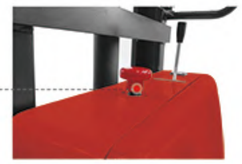
The hydraulic lifting system of this vehicle adopts the design without oil pipe, which greatly improves the reliability of the hydraulic system and reduces the risk of oil leakage of the joint or oil pipe.

Thickened mast frame

The mast is equipped with precision steel side wheel guide.

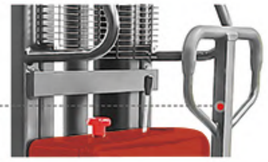
Emergency button

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



Long handle

mechanical steering, ergonomic, flexible handling.



Solid metal leg

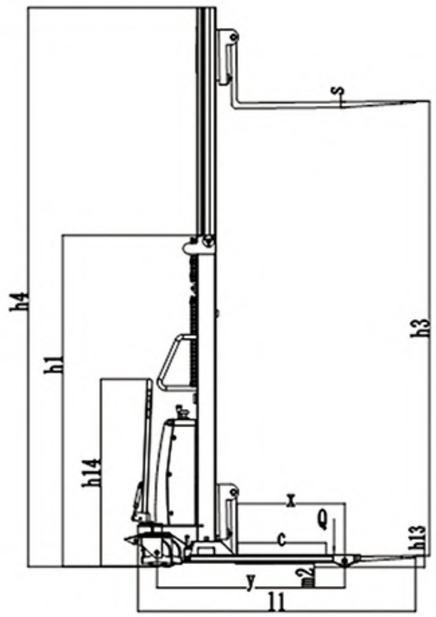
Steady chassis
Ajustable leg

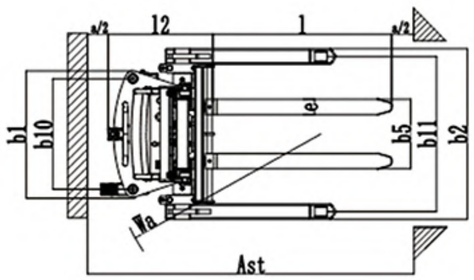
Use handle to control fork height electrically

SPECIFICATION

Technical Specification

Designation	Lowered mast height h1(mm)	Free Lift height h2(mm)	Lift height h3(mm)	Extended mast height h4(mm)	Lift+fork height h3+h13(mm)
			QSS15-SL		
Single stage mast	2135	–	1540	2135	1600
Two stage mast	1635	–	1940	2605	2000
	1885	–	2440	3105	2500
	2135	–	2940	3605	3000
	2385	–	3440	4105	3500
Two stage mast FFL (Full-Free-Lift)	–	–	–	–	–
Three stage mast	–	–	–	–	–
Three stage mast FFL (Full-Free-Lift)	–	–	–	–	–





QSS15-SL

Technical Specification

		Manufacturer's type designation		QSS15-SL
Distinguishing mark	1.3	Power (battery ,diesel, petrol, gas, manual)		\
	1.4	Operator type		Pedestrian
	1.5	Load capacity / Rated load	Q(t)	1.5
	1.6	Load centre distance	C (mm)	600
	1.8	Load distance ,centre of drive axle to fork	X (mm)	693
	1.9	Wheelbase	Y (mm)	1209
Weight	2.1	Service weight	kg	497
	2.2	Axle loading, laden front/rear	kg	\
	2.3	Axle loading, unladen front/rear	kg	\
Tires, chassis	3.1	Tires		Nylon
	3.2	Tire size, front	⌀×w (mm)	ϕ180×50
	3.3	Tire size, rear	⌀×w (mm)	ϕ80×70
	3.5	Wheels, number front/rear(x=driven wheels)		0x+2/2
	3.6	Track, front	b_{10} (mm)	714
	3.7	Track, rear	b_{11} (mm)	1020~1420
Dimensions	4.2	Lowered mast height	h_1 (mm)	1635
	4.3	Free Lift height	h_2 (mm)	\
	4.4	Lift height	h_3 (mm)	1940
	4.5	Extended mast height	h_4 (mm)	2605
	4.9	Height of tiller in drive position min./ max.	h_{14} (mm)	700/1215
	4.15	Height, lowered	h_{13} (mm)	60
	4.19	Overall length	l_1 (mm)	1875
	4.20	Length to face of forks	l_2 (mm)	633
	4.21	Overall width	b1/b2(mm)	820/(1100-1500)
	4.22	Fork dimensions	s/e/l (mm)	35/100/1150
	4.25	Distance between fork-arms	b_5 (mm)	210~850
	4.32	Ground clearance, centre of wheelbase	m_2 (mm)	40
	4.33	Aisle width for pallets 1000X1200 crossways	Ast (mm)	2243
	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2215
	4.35	Turning radius	Wa (mm)	1369
Performance data	5.1	Travel speed, laden/ unladen	Km/h	\
	5.2	Lift speed, laden/ unladen	m/s	0.07/0.1
	5.3	Lowering speed, laden/ unladen	m/s	0.11/0.09
	5.8	Max. gradeability, laden/ unladen	%	\
	5.10	Service brake		Mechanical braking
Electric-engine	6.1	Drive motor rating S2 60min	kw	\
	6.2	Lift motor rating at S3 4.5%	kw	1.6
	6.3	Battery acc. to DIN 43531/35/36 A, B, C, no		\
	6.4	Battery voltage, nominal capacity K5	V/Ah	12/120
	6.5	B Battery weight +/-5%	kg	34
	6.6	Energy consumption acc: to VDI cycle	kWh/h	\
Additional data	8.1	Type of drive control		\
	8.4	Sound level at driver's ear acc. to EN 12053	dB(A)	69

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)

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 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.

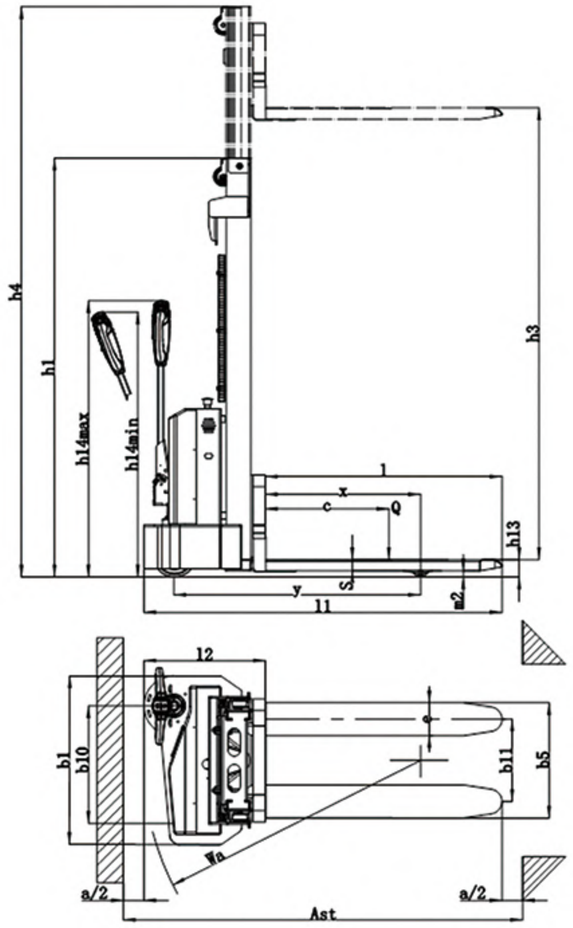
Intelligent control system

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

SPECIFICATION

Technical Specification

Designation	Lowered mast height h1(mm)	Free Lift height h2(mm)	Lift height h3(mm)	Extended mast height h4(mm)	Lift+fork height h3+h13(mm)
QES Economic-type pallet stacking car					
Single stage mast	2010	–	1510	2010	1600
Two stage mast	1530	–	1910	2490	2000
	1780	–	2410	2990	2500
	2030	–	2910	3490	3000
	2180	–	3210	3790	3300
Two stage mast FFL (Full-Free-Lift)	2280	–	3410	3990	3500
	–	–	–	–	–
Three stage mast	–	–	–	–	–
Three stage mast FFL (Full-Free-Lift)	–	–	–	–	–



QES10E / QES12E

Technical Specification

		Manufacturer's type designation		QES10E	QES12E
Distinguishing mark	1.3	Power (battery ,diesel, petrol, gas, manual)		\	
	1.4	Operator type		Pedestrian	
	1.5	Load capacity / Rated load	Q(t)	1.0	1.2
	1.6	Load centre distance	C (mm)	600	
	1.8	Load distance ,centre of drive axle to fork	X (mm)	754	
	1.9	Wheelbase	Y (mm)	1231	
Weight	2.1	Service weight	kg	430	
	2.2	Axle loading, laden front/rear	kg	\	
	2.3	Axle loading, unladen front/rear	kg	\	
Tires, chassis	3.1	Tires		PU	
	3.2	Tire size, front	⌀×w (mm)	ϕ210×70	
	3.3	Tire size, rear	⌀×w (mm)	ϕ80×70	
	3.4	Additional wheels(dimensions)	⌀×w (mm)	ϕ150×50	
	3.5	Wheels, number front/rear(x=driven wheels)		1x+1/2	
	3.6	Track, front	b_{10} (mm)	570	
	3.7	Track, rear	b_{11} (mm)	400/520	
Dimensions	4.2	Lowered mast height	h_1 (mm)	1530	
	4.3	Free Lift height	h_2 (mm)	\	
	4.4	Lift height	h_3 (mm)	1910	
	4.5	Extended mast height	h_4 (mm)	2490	
	4.9	Height of tiller in drive position min./ max.	h_{14} (mm)	780/1280	
	4.15	Height, lowered	h_{13} (mm)	90	
	4.19	Overall length	l_1 (mm)	1750	
	4.20	Length to face of forks	l_2 (mm)	590	
	4.21	Overall width	b_1(mm)	820	
	4.22	Fork dimensions	s/e/l (mm)	55/160/1125（1150）	
	4.25	Distance between fork-arms	b_5 (mm)	560/680	
	4.32	Ground clearance, centre of wheelbase	m_2 (mm)	30	
	4.33	Aisle width for pallets 1000X1200 crossways	Ast (mm)	2288	
	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2239	
	4.35	Turning radius	Wa (mm)	1440	
Performance data	5.1	Travel speed, laden/ unladen	Km/h	4/4.5	
	5.2	Lift speed, laden/ unladen	m/s	0.08/0.12	
	5.3	Lowering speed, laden/ unladen	m/s	0.12/0.1	
	5.8	Max. gradeability, laden/ unladen	%	5/8	
	5.10	Service brake		Electromagnetic	
Electric-engine	6.1	Drive motor rating S2 60min	kw	0.75	
	6.2	Lift motor rating at S3 4.5%	kw	2.2	
	6.3	Battery acc. to DIN 43531/35/36 A, B, C, no		\	
	6.4	Battery voltage, nominal capacity K5	V/Ah	24/70(100)	
	6.5	B Battery weight +/-5%	kg	2×25	
	6.6	Energy consumption acc: to VDI cycle	kWh/h	\	
Additional data	8.1	Type of drive control		DC speed control	
	8.4	Sound level at driver's ear acc. to EN 12053	dB(A)	69	

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

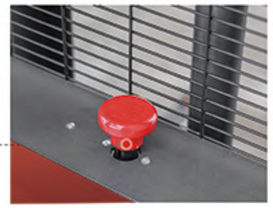
Light-duty walkie power stacker
Capacity 1000 KGS / 1200 KGS
Lift up to 1600 mm - 3500 mm

Compact design and economic
Short turning radius

Suitable for small space work

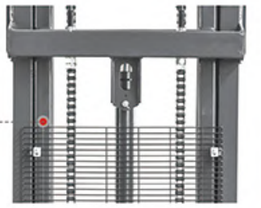
- Pin-code handle (For option)

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 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.

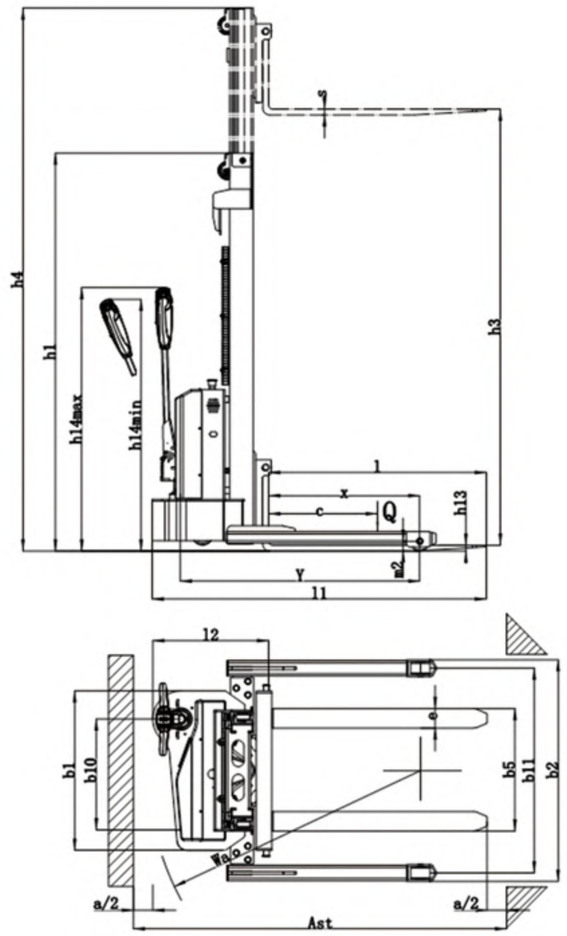
Intelligent control system
Equipped with CAN-BUS technology, automatically monitoring the status of the truck, and fault diagnosis.

QES10E-SL / QES12E-SL ELECTRIC STACKER

SPECIFICATION

Technical Specification

Designation	Lowered mast height h1(mm)	Free Lift height h2(mm)	Lift height h3(mm)	Extended mast height h4(mm)	Lift+fork height h3+h13(mm)
			QES-SL		
Single stage mast	2010	–	1510	2010	1600
Two stage mast	1530	–	1910	2490	2000
	1780	–	2410	2990	2500
	2030	–	2910	3490	3000
	2180	–	3210	3790	3300
Two stage mast FFL (Full-Free-Lift)	2280	–	3410	3990	3500
	–	–	–	–	–
Three stage mast	–	–	–	–	–
Three stage mast FFL (Full-Free-Lift)	–	–	–	–	–



QES-SL

Technical Specification

		Manufacturer's type designation		QES-SL
Distinguishing mark	1.3	Power (battery ,diesel, petrol, gas, manual)		Battery
	1.4	Operator type		Pedestrian
	1.5	Load capacity / Rated load	Q(t)	1.0 1.2
	1.6	Load centre distance	C (mm)	600
	1.8	Load distance ,centre of drive axle to fork	X (mm)	754
	1.9	Wheelbase	Y (mm)	1210
Weight	2.1	Service weight	kg	520
	2.2	Axle loading, laden front/rear	kg	\
	2.3	Axle loading, unladen front/rear	kg	\
Tires, chassis	3.1	Tires		PU
	3.2	Tire size, front	⌀×w (mm)	ϕ210×70
	3.3	Tire size, rear	⌀×w (mm)	ϕ80×70
	3.4	Additional wheels(dimensions)	⌀×w (mm)	ϕ150×50
	3.5	Wheels, number front/rear(x=driven wheels)		1x+1/2
	3.6	Track, front	b_{10} (mm)	570
	3.7	Track, rear	b_{11} (mm)	1055~1335
Dimensions	4.2	Lowered mast height	h_1 (mm)	1530
	4.3	Free Lift height	h_2 (mm)	\
	4.4	Lift height	h_3 (mm)	1910
	4.5	Extended mast height	h_4 (mm)	2490
	4.9	Height of tiller in drive position min./ max.	h_{14} (mm)	780/1280
	4.15	Height, lowered	h_{13} (mm)	70
	4.19	Overall length	l_1 (mm)	1750
	4.20	Length to face of forks	l_2 (mm)	590
	4.21	Overall width	b_1(mm)	820
	4.22	Fork dimensions	s/e/l (mm)	30/100/1070
	4.25	Distance between fork-arms	b_5 (mm)	210~800
	4.32	Ground clearance, centre of wheelbase	m_2 (mm)	30
	4.33	Aisle width for pallets 1000X1200 crossways	Ast (mm)	2288
	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2239
	4.35	Turning radius	Wa (mm)	1440
Performance data	5.1	Travel speed, laden/ unladen	Km/h	4/4.5
	5.2	Lift speed, laden/ unladen	m/s	0.08/0.12
	5.3	Lowering speed, laden/ unladen	m/s	0.12/0.1
	5.8	Max. gradeability, laden/ unladen	%	5/8
	5.10	Service brake		Electromagnetic
Electric-engine	6.1	Drive motor rating S2 60min	kw	0.75
	6.2	Lift motor rating at S3 4.5%	kw	2.2
	6.3	Battery acc. to DIN 43531/35/36 A, B, C, no		\
	6.4	Battery voltage, nominal capacity K5	V/Ah	24/70(100)
	6.5	B Battery weight +/-5%	kg	200/250
	6.6	Energy consumption acc: to VDI cycle	kWh/h	\
Additional data	8.1	Type of drive control		DC speed control
	8.4	Sound level at driver's ear acc. to EN 12053	dB(A)	69

QES15E / QES20E
ELECTRIC PALLET STACKER

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

- Pin-code handle (For option)

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 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.

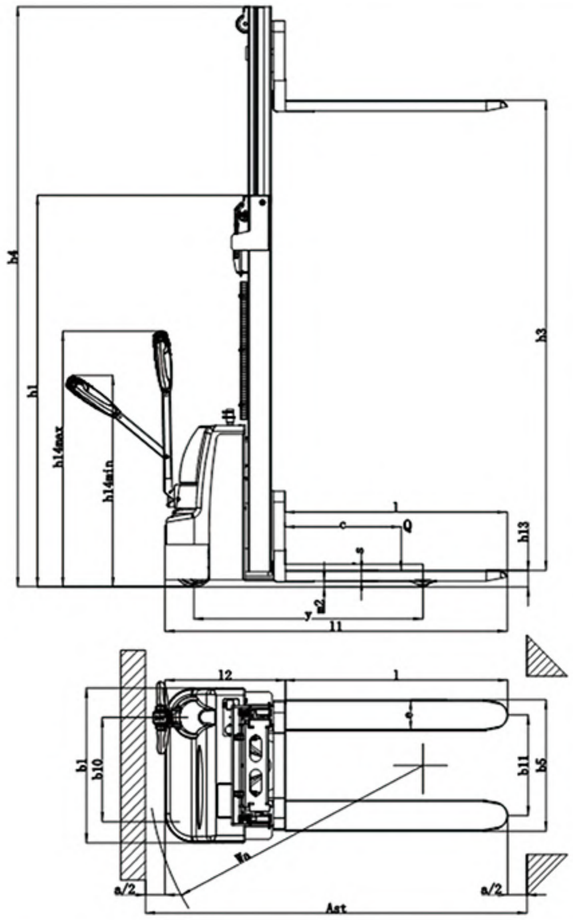
Intelligent control system

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

SPECIFICATION

Technical Specification

Designation	Lowered mast height h1(mm)	Free Lift height h2(mm)	Lift height h3(mm)	Extended mast height h4(mm)	Lift+fork height h3+h13(mm)
			QES15E / QES20E		
Single stage mast	2080	–	1510	2080	1600
Two stage mast	1530 | 1515	–	1910	2490	2000
	1780 | 1765	–	2410	2990	2500
	2030 | 2015	–	2910	3490	3000
	2180 | 2165	–	3210	3790	3300
	2280 | 2265	–	3410	3990	3500
	2530 | 2515	–	3910	4490	4000
Two stage mast FFL (Full-Free-Lift)	–	–	–	–	–
Three stage mast	–	–	–	–	–
Three stage mast FFL (Full-Free-Lift)	–	–	–	–	–



QES15E / QES20E

Technical Specification

		Manufacturer's type designation		QES15E	QES20E
Distinguishing mark	1.3	Power (battery ,diesel, petrol, gas, manual)		Battery	
	1.4	Operator type		Pedestrian	
	1.5	Load capacity / Rated load	Q(t)	1.5	2.0
	1.6	Load centre distance	C (mm)	600	500
	1.8	Load distance ,centre of drive axle to fork	X (mm)	715	
	1.9	Wheelbase	Y (mm)	1190	
Weight	2.1	Service weight	kg	500	760
	2.2	Axle loading, laden front/rear	kg	620/1380	\
	2.3	Axle loading, unladen front/rear	kg	370/130	\
Tires, chassis	3.1	Tires		PU	
	3.2	Tire size, front	⌀×w (mm)	ϕ210×70	
	3.3	Tire size, rear	⌀×w (mm)	ϕ80×70	
	3.4	Additional wheels(dimensions)	⌀×w (mm)	ϕ150×50	ϕ115×55
	3.5	Wheels, number front/rear(x=driven wheels)		1x+1/4	
	3.6	Track, front	b_{10} (mm)	540	
	3.7	Track, rear	b_{11} (mm)	400/520	
Dimensions	4.2	Lowered mast height	h_1 (mm)	1530	
	4.3	Free Lift height	h_2 (mm)	\	
	4.4	Lift height	h_3 (mm)	1910	
	4.5	Extended mast height	h_4 (mm)	2490	
	4.9	Height of tiller in drive position min./ max.	h_{14} (mm)	690/1300	
	4.15	Height, lowered	h_{13} (mm)	90	
	4.19	Overall length	l_1 (mm)	1780	
	4.20	Length to face of forks	l_2 (mm)	630	
	4.21	Overall width	b_1 (mm)	800	
	4.22	Fork dimensions	s/e/l (mm)	55/160/1125 (1150)	55/160/1070 (1150)
	4.25	Distance between fork-arms	b_5 (mm)	560/680	560/685
	4.32	Ground clearance, centre of wheelbase	m_2 (mm)	30	
	4.33	Aisle width for pallets 1000X1200 crossways	Ast (mm)	2564	
	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2529	
	4.35	Turning radius	Wa (mm)	1700	
Performance data	5.1	Travel speed, laden/ unladen	Km/h	4/4.5	4/4.2
	5.2	Lift speed, laden/ unladen	m/s	0.08/0.1	
	5.3	Lowering speed, laden/ unladen	m/s	0.1/0.08	
	5.8	Max. gradeability, laden/ unladen	%	3/7	3/5
	5.10	Service brake		Electromagnetic	
Electric- engine	6.1	Drive motor rating S2 60min	kw	0.75	0.9
	6.2	Lift motor rating at S3 4.5%	kw	2.2	
	6.3	Battery acc. to DIN 43531/35/36 A, B, C, no		/	
	6.4	Battery voltage, nominal capacity K5	V/Ah	24/80 (100)	48/65
	6.5	B Battery weight +/-5%	kg	2×25	4×16
	6.6	Energy consumption acc: to VDI cycle	kWh/h	/	
Additional data	8.1	Type of drive control		DC speed control	
	8.4	Sound level at driver's ear acc. to EN 12053	dB(A)	69	

QES15E-SL
ELECTRIC PALLET STACKER WITH STRADDLE LEG

Capacity 1500 KGS
Drive by lead acid battery
Lithium battery for option
Lift up to 1600 mm - 3500 mm
More stable
Strong balancing capacity

- Pin-code handle (For option)

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 volums and its chargers to match various work time demands.

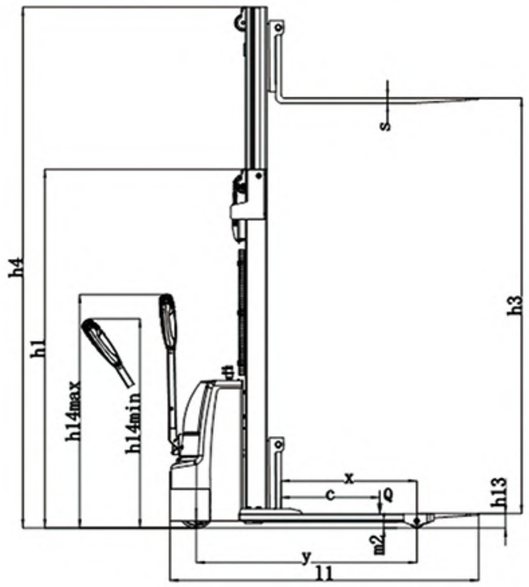
Security and stability
The hydraulic lifting system of this vehicle adopts the design without oil pipe, which greatly improves the reliability of the hydraulic system and reduces the risk of oil leakage of the joint or oil pipe.

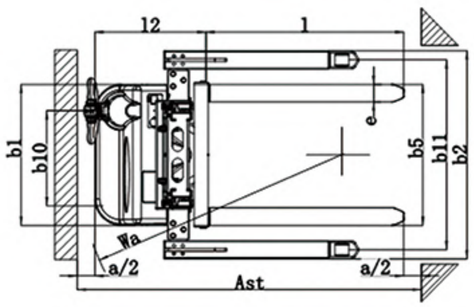
Intelligent control system
Equipped with CAN-BUS technology, automatically monitoring the status of the truck, and fault diagnosis.

SPECIFICATION

Technical Specification

Designation	Lowered mast height h1(mm)	Free Lift height h2(mm)	Lift height h3(mm)	Extended mast height h4(mm)	Lift+fork height h3+h13(mm)
QES Economic-type pallet stacking car					
Single stage mast	2010	–	1510	2010	1600
Two stage mast	1530	–	1910	2490	2000
	1780	–	2410	2990	2500
	2030	–	2910	3490	3000
	2180	–	3210	3790	3300
Two stage mast FFL (Full-Free-Lift)	2280	–	3410	3990	3500
	–	–	–	–	–
Three stage mast	–	–	–	–	–
Three stage mast FFL (Full-Free-Lift)	–	–	–	–	–





QES15E-SL

Technical Specification

		Manufacturer's type designation		QES-E-SL	
Distinguishing mark	1.3	Power (battery ,diesel, petrol, gas, manual)		Battery	
	1.4	Operator type		Pedestrian	
	1.5	Load capacity / Rated load	Q(t)	1.2	1.5
	1.6	Load centre distance	C (mm)	500	
	1.8	Load distance ,centre of drive axle to fork	X (mm)	770	
	1.9	Wheelbase	Y (mm)	1250	
Weight	2.1	Service weight	kg	520	
	2.2	Axle loading, laden front/rear	kg	\	
	2.3	Axle loading, unladen front/rear	kg	\	
Tires, chassis	3.1	Tires		PU	
	3.2	Tire size, front	⊘×w (mm)	ϕ210×70	
	3.3	Tire size, rear	⊘×w (mm)	ϕ80×70	
	3.4	Additional wheels(dimensions)	⊘×w (mm)	ϕ150×50	
	3.5	Wheels, number front/rear(x=driven wheels)		1x+1/4	
	3.6	Track, front	b_{10} (mm)	540	
	3.7	Track, rear	b_{11} (mm)	1090/1230/1370	
Dimensions	4.2	Lowered mast height	h_1 (mm)	1530	
	4.3	Free Lift height	h_2 (mm)	\	
	4.4	Lift height	h_3 (mm)	1910	
	4.5	Extended mast height	h_4 (mm)	2490	
	4.9	Height of tiller in drive position min./ max.	h_{14} (mm)	780/1315	
	4.15	Height, lowered	h_{13} (mm)	90	
	4.19	Overall length	l_1 (mm)	1750	
	4.20	Length to face of forks	l_2 (mm)	680	
	4.21	Overall width	b_1/b_2(mm)	800/(1190/1330/1470)	
	4.22	Fork dimensions	s/e/l (mm)	35/100/1070	
	4.25	Distance between fork-arms	b_5 (mm)	210~800	
	4.32	Ground clearance, centre of wheelbase	m_2 (mm)	30	
	4.33	Aisle width for pallets 1000X1200 crossways	Ast (mm)	2358	
	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2302	
	4.35	Turning radius	Wa (mm)	1515	
Performance data	5.1	Travel speed, laden/ unladen	Km/h	4/4.5	
	5.2	Lift speed, laden/ unladen	m/s	0.06/0.11	
	5.3	Lowering speed, laden/ unladen	m/s	0.09/0.06	
	5.8	Max. gradeability, laden/ unladen	%	3/7	
	5.10	Service brake		Electromagnetic	
Electric- engine	6.1	Drive motor rating S2 60min	kw	0.75	
	6.2	Lift motor rating at S3 4.5%	kw	2.2	
	6.3	Battery acc. to DIN 43531/35/36 A, B, C, no		\	
	6.4	Battery voltage, nominal capacity K5	V/Ah	24/80(100)	
	6.5	B Battery weight +/-5%	kg	2×25	
	6.6	Energy consumption acc: to VDI cycle	kWh/h	\	
Additional data	8.1	Type of drive control		DC speed control	
	8.4	Sound level at driver's ear acc. to EN 12053	dB(A)	69	

QES15E-PV
ELECTRIC WALKIE PALLET STACKER

Drive by lithium battery

Capacity 1500 KGS

Lift up to 1600 mm - 3500 mm

Lift with proportional valve

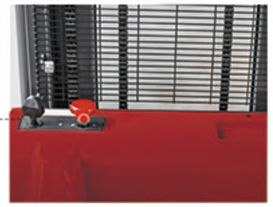
Long handle mechanical steering

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.



Solid metal leg

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

Large handle

Lift up & down
With proportional valve control
(For option)

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 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.

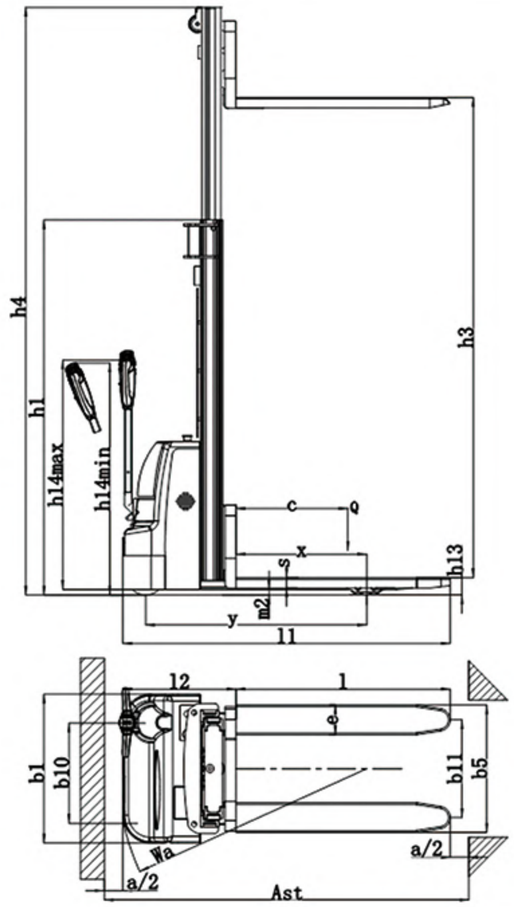
Intelligent control system

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

SPECIFICATION

Technical Specification

Designation	Lowered mast height h1(mm)	Free Lift height h2(mm)	Lift height h3(mm)	Extended mast height h4(mm)	Lift+fork height h3+h13(mm)
			QES15E-PV		
Single stage mast	2010	–	1510	2010	1600
Two stage mast	1530	–	2410	2990	2500
	2030	–	2910	3090	3000
	2180	–	3210	3790	3300
	2280	–	3410	3990	3500
Two stage mast FFL (Full-Free-Lift)	–	–	–	–	–
Three stage mast	1675	–	3410	3990	3500
	1845	–	3910	4490	4000
	2015	–	4410	4990	4500
Three stage mast FFL (Full-Free-Lift)	–	–	–	–	–



QES15E-PV

Technical Specification

		Manufacturer's type designation		QES15B
Distinguishing mark	1.3	Power (battery ,diesel, petrol, gas, manual)		Battery
	1.4	Operator type		Pedestrian
	1.5	Load capacity / Rated load	Q(t)	1.5
	1.6	Load centre distance	C (mm)	500
	1.8	Load distance ,centre of drive axle to fork	X (mm)	700
	1.9	Wheelbase	Y (mm)	1260
Weight	2.1	Service weight	kg	620
	2.2	Axle loading, laden front/rear	kg	\
	2.3	Axle loading, unladen front/rear	kg	\
Tires, chassis	3.1	Tires		PU
	3.2	Tire size, front	⌀×w (mm)	ϕ210×70
	3.3	Tire size, rear	⌀×w (mm)	ϕ80×70
	3.4	Additional wheels(dimensions)	⌀×w (mm)	ϕ150×50
	3.5	Wheels, number front/rear(x=driven wheels)		1x+1/4
	3.6	Track, front	b_{10} (mm)	540
	3.7	Track, rear	b_{11} (mm)	530
Dimensions	4.2	Lowered mast height	h_1 (mm)	1675
	4.3	Free Lift height	h_2 (mm)	\
	4.4	Lift height	h_3 (mm)	3410
	4.5	Extended mast height	h_4 (mm)	3990
	4.9	Height of tiller in drive position min./ max.	h_{14} (mm)	\
	4.15	Height, lowered	h_{13} (mm)	90
	4.19	Overall length	l_1 (mm)	1780
	4.20	Length to face of forks	l_2 (mm)	630
	4.21	Overall width	b_1 (mm)	800
	4.22	Fork dimensions	s/e/l (mm)	55/160/1070 (1150)
	4.25	Distance between fork-arms	b_5 (mm)	560/685
	4.32	Ground clearance, centre of wheelbase	m_2 (mm)	30
	4.33	Aisle width for pallets 1000X1200 crossways	Ast (mm)	2471
	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2440
	4.35	Turning radius	Wa (mm)	1600
Performance data	5.1	Travel speed, laden/ unladen	Km/h	4/4.5
	5.2	Lift speed, laden/ unladen	m/s	0-0.09/0-0.1
	5.3	Lowering speed, laden/ unladen	m/s	0-0.1/0-0.09
	5.8	Max. gradeability, laden/ unladen	%	3/7
	5.10	Service brake		Electromagnetic
Electric-engine	6.1	Drive motor rating S2 60min	kw	0.75
	6.2	Lift motor rating at S3 4.5%	kw	2.2
	6.3	Battery acc. to DIN 43531/35/36 A, B, C, no		\
	6.4	Battery voltage, nominal capacity K5	V/Ah	24/80 (100)
	6.5	B Battery weight +/-5%	kg	2×25
	6.6	Energy consumption acc: to VDI cycle	kWh/h	\
Additional data	8.1	Type of drive control		DC speed control
	8.4	Sound level at driver's ear acc. to EN 12053	dB(A)	69

QES15D
DOUBLE-LIFT ELECTRIC PALLET STACKER

Capacity 1500 KGS

Double-lifting design

Suitable for small space work

Compact design and economic

Short turning radius

PU tandem wheel

Stable and Durable

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.

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 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.

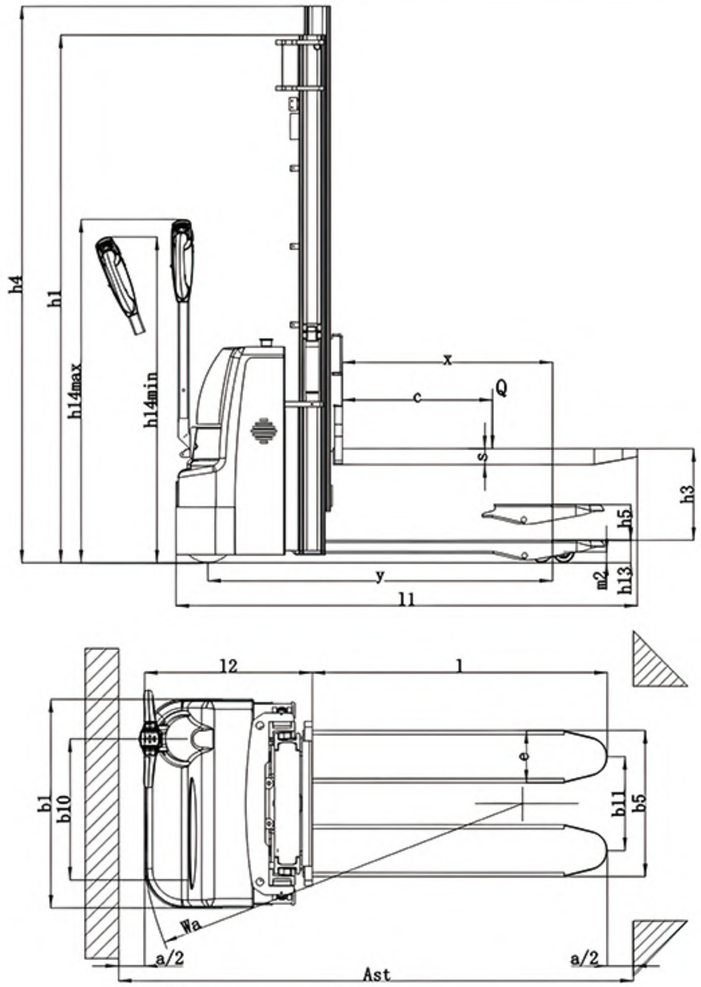
Intelligent control system

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

SPECIFICATION

Technical Specification

Designation	Lowered mast height h1(mm)	Free Lift height h2(mm)	Lift height h3(mm)	Extended mast height h4(mm)	Lift+fork height h3+h13(mm)
			QES15D		
Two stage mast	1765	–	2410	2990	2500
	2015	–	2910	3490	3000
	2165	–	3210	3790	3300
	2265	–	3410	3990	3500
Two stage mast FFL (Full-Free-Lift)	–	–	–	–	–
Three stage mast	–	–	–	–	–
Three stage mast FFL (Full-Free-Lift)	–	–	–	–	–



QES15D

Technical Specification

		Manufacturer's type designation		QES15D
Distinguishing mark	1.3	Power (battery ,diesel, petrol, gas, manual)		Battery
	1.4	Operator type		Pedestrian
	1.5	Load capacity / Rated load	Q(t)	1.5
	1.6	Load centre distance	C (mm)	500
	1.8	Load distance ,centre of drive axle to fork	X (mm)	810
	1.9	Wheelbase	Y (mm)	1295
Weight	2.1	Service weight	kg	647
	2.2	Axle loading, laden front/rear	kg	828/1326
	2.3	Axle loading, unladen front/rear	kg	450/194
Tires, chassis	3.1	Tires		PU
	3.2	Tire size, front	⌀×w (mm)	ϕ210×70
	3.3	Tire size, rear	⌀×w (mm)	ϕ80×70
	3.4	Additional wheels(dimensions)	⌀×w (mm)	ϕ150×50
	3.5	Wheels, number front/rear(x=driven wheels)		1x+1/4
	3.6	Track, front	b_{10} (mm)	540
	3.7	Track, rear	b_{11} (mm)	360
Dimensions	4.2	Lowered mast height	h_1 (mm)	2015
	4.3	Free Lift height	h_2 (mm)	/
	4.4	Lift height	h_3 (mm)	2910
	4.5	Extended mast height	h_4 (mm)	3490
	4.6	Initial lift	h_5 (mm)	105
	4.9	Height of tiller in drive position min./ max.	h_{14} (mm)	690/1300
	4.15	Height, lowered	h_{13} (mm)	90/80
	4.19	Overall length	l_1 (mm)	1790
	4.20	Length to face of forks	l_2 (mm)	640
	4.21	Overall width	b_1 (mm)	800/
	4.22	Fork dimensions	s/e/l (mm)	60/200/1150
	4.25	Distance between fork-arms	b_5 (mm)	560
	4.32	Ground clearance, centre of wheelbase	m_2 (mm)	30
	4.33	Aisle width for pallets 1000X1200 crossways	Ast (mm)	2230
	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2305
	4.35	Turning radius	Wa (mm)	1600
Performance data	5.1	Travel speed, laden/ unladen	Km/h	4/4.5
	5.2	Lift speed, laden/ unladen	m/s	0.09/0.1
	5.3	Lowering speed, laden/ unladen	m/s	0.1/0.09
	5.8	Max. gradeability, laden/ unladen	%	3/7
	5.10	Service brake		Electromagnetic
Electric- engine	6.1	Drive motor rating S2 60min	kw	0.75
	6.2	Lift motor rating at S3 4.5%	kw	2.2
	6.3	Battery acc. to DIN 43531/35/36 A, B, C, no		/
	6.4	Battery voltage, nominal capacity K5	V/Ah	24/80（100）
	6.5	B Battery weight +/-5%	kg	2×25
	6.6	Energy consumption acc: to VDI cycle	kWh/h	/
Additional data	8.1	Type of drive control		DC speed control
	8.4	Sound level at driver's ear acc. to EN 12053	dB(A)	69

QES15E-P
RIDER-CONTROL ELECTRIC PALLET STACKER

Capacity 1500 KGS

Lift up to 1600mm - 4000mm

Drive by lead-acid battery

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.

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

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

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 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.

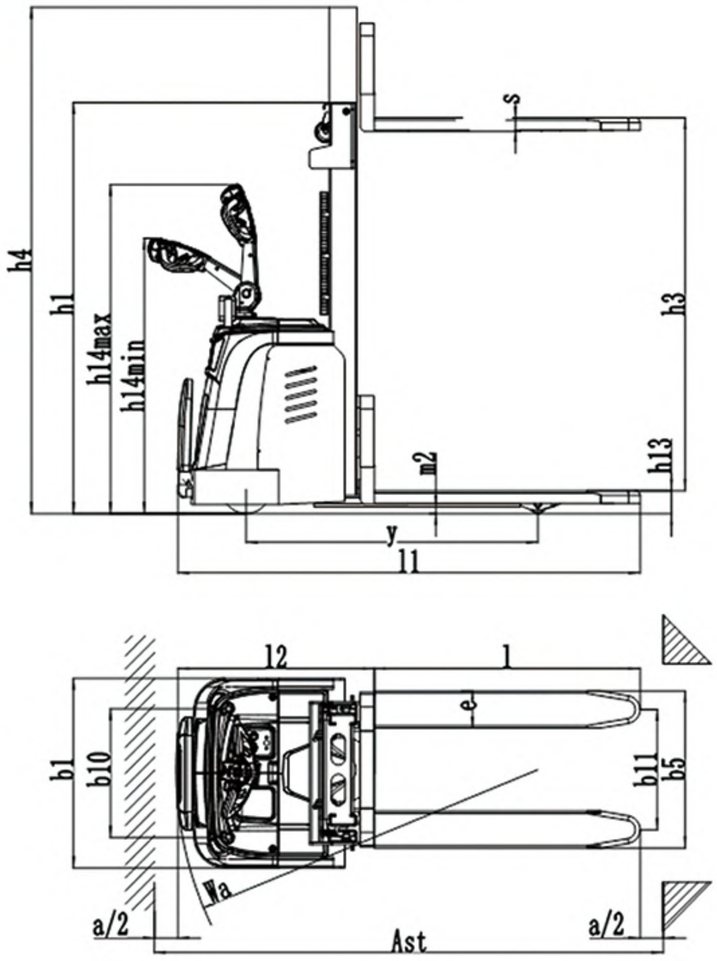
Intelligent control system

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

SPECIFICATION

Technical Specification

Designation	Lowered mast height h1(mm)	Free Lift height h2(mm)	Lift height h3(mm)	Extended mast height h4(mm)	Lift+fork height h3+h13(mm)
			QES15E-P		
Single stage mast	2030	–	1510	2030	1600
Two stage mast	1780	–	2410	2960	2500
	2030	–	2910	3460	3000
	2280	–	3410	3960	3500
	2530	–	3910	4460	4000
Two stage mast FFL (Full-Free-Lift)	–	–	–	–	–
Three stage mast	–	–	–	–	–
Three stage mast FFL (Full-Free-Lift)	–	–	–	–	–



QES15E-P

Technical Specification

		Manufacturer's type designation		QES15E-P
Distinguishing mark	1.3	Power (battery ,diesel, petrol, gas, manual)		Battery
	1.4	Operator type		Rider-control
	1.5	Load capacity / Rated load	Q(t)	1.5
	1.6	Load centre distance	C (mm)	500
	1.8	Load distance ,centre of drive axle to fork	X (mm)	685
	1.9	Wheelbase	Y (mm)	1270
Weight	2.1	Service weight	kg	620
	2.2	Axle loading, laden front/rear	kg	\
	2.3	Axle loading, unladen front/rear	kg	\
Tires, chassis	3.1	Tires		PU
	3.2	Tire size, front	⌀×w (mm)	ϕ210×70
	3.3	Tire size, rear	⌀×w (mm)	ϕ80×70
	3.4	Additional wheels(dimensions)	⌀×w (mm)	ϕ115×55
	3.5	Wheels, number front/rear(x=driven wheels)		1x+1/2
	3.6	Track, front	b_{10} (mm)	625
	3.7	Track, rear	b_{11} (mm)	400/520
Dimensions	4.2	Lowered mast height	h_1 (mm)	1780
	4.3	Free Lift height	h_2 (mm)	\
	4.4	Lift height	h_3 (mm)	2410
	4.5	Extended mast height	h_4 (mm)	2960
	4.9	Height of tiller in drive position min./ max.	h_{14} (mm)	1090/1430
	4.15	Height, lowered	h_{13} (mm)	90
	4.19	Overall length	l_1 (mm)	2030
	4.20	Length to face of forks	l_2 (mm)	880
	4.21	Overall width	b_1 (mm)	820
	4.22	Fork dimensions	s/e/l (mm)	55/160/1150 | 55/160/1220
	4.25	Distance between fork-arms	b_5 (mm)	560/680
	4.32	Ground clearance, centre of wheelbase	m_2 (mm)	30
	4.33	Aisle width for pallets 1000X1200 crossways	Ast (mm)	2438
	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2412
	4.35	Turning radius	Wa (mm)	1560
Performance data	5.1	Travel speed, laden/ unladen	Km/h	4/4.5
	5.2	Lift speed, laden/ unladen	m/s	0.09/0.1
	5.3	Lowering speed, laden/ unladen	m/s	0.1/0.09
	5.8	Max. gradeability, laden/ unladen	%	3/5
	5.10	Service brake		Electromagnetic
Electric- engine	6.1	Drive motor rating S2 60min	kw	0.75
	6.2	Lift motor rating at S3 4.5%	kw	2.2
	6.3	Battery acc. to DIN 43531/35/36 A, B, C, no		\
	6.4	Battery voltage, nominal capacity K5	V/Ah	24/80(100)
	6.5	B Battery weight +/-5%	kg	2×25
	6.6	Energy consumption acc: to VDI cycle	kWh/h	\
Additional data	8.1	Type of drive control		DC speed control
	8.4	Sound level at driver's ear acc. to EN 12053	dB(A)	69

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

Capacity 1600 / 2000 KGS

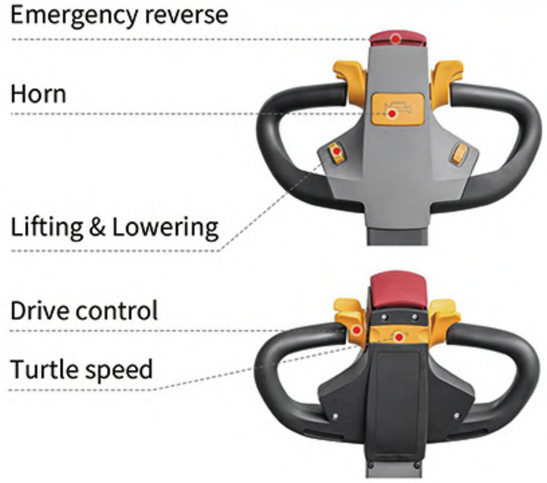
Up to 6 meters

Drive by lead-acid battery

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.

Lead-acid battery drive (Li-Ion Battery optional)
Short charging time, long service life



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

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 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.

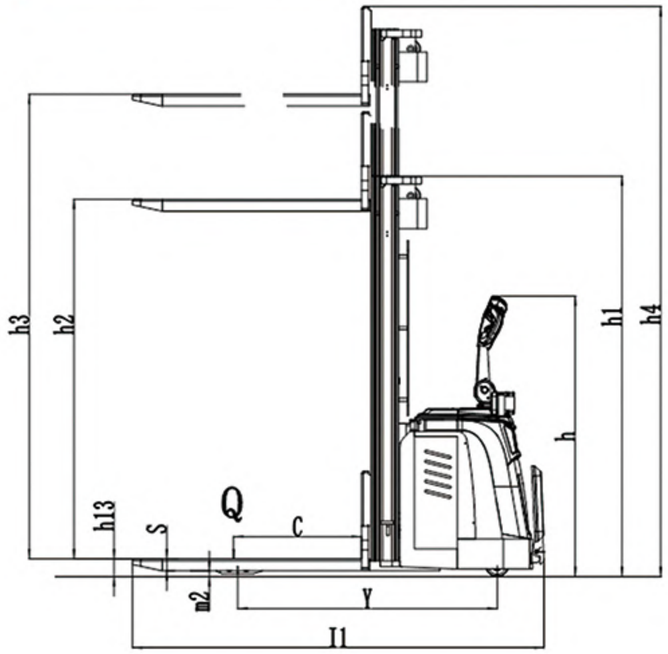
Intelligent control system

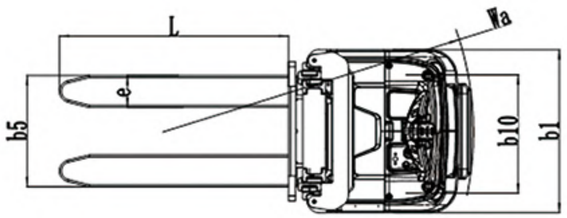
Equipped with CAN-BUS technology, automatically monitoring the status of the truck, and fault diagnosis.

SPECIFICATION

Technical Specification

Designation	Lowered mast height h1(mm)	Free Lift height h2(mm)	Lift height h3(mm)	Extended mast height h4(mm)	Lift+fork height h3+h13(mm)
			QES-P		
Two stage mast	1760	–	2410	2980	2500
	2010	–	2910	3480	3000
	2260	–	3410	3980	3500
Two stage mast FFL (Full-Free-Lift)	–	–	–	–	–
Three stage mast	–	–	–	–	–
Three stage mast FFL (Full-Free-Lift)	1840	1240	3910	4480	4000
	2010	1410	4410	4980	4500
	2180	1580	4910	5480	5000
	2350	1750	5410	5980	5500
	2520	1920	5910	6480	6000





QES16-P / QES20-P

Technical Specification

		Manufacturer's type designation			QES-P	
Distinguishing mark	1.3	Power (battery ,diesel, petrol, gas, manual)			Battery	
	1.4	Operator type			Rider-control	
	1.5	Load capacity / Rated load		Q(t)	1.6	2.0
	1.6	Load centre distance		C (mm)	600	
	1.8	Load distance ,centre of drive axle to fork		X (mm)	620	
	1.9	Wheelbase		Y (mm)	1350	
Weight	2.1	Service weight		kg	1250	
	2.2	Axle loading, laden front/rear		kg	\	
	2.3	Axle loading, unladen front/rear		kg	\	
Tires, chassis	3.1	Tires			PU	
	3.2	Tire size, front		Ø×w (mm)	φ250×70	
	3.3	Tire size, rear		Ø×w (mm)	φ80×70	
	3.4	Additional wheels(dimensions)		Ø×w (mm)	φ110×55	
	3.5	Wheels, number front/rear(x=driven wheels)			1x+2/4	
	3.6	Track, front		b_{10} (mm)	625	
	3.7	Track, rear		b_{11} (mm)	410/525	
Dimensions	4.2	Lowered mast height		h_1 (mm)	1840	
	4.3	Free Lift height		h_2 (mm)	1330	
	4.4	Lift height		h_3 (mm)	4000	
	4.5	Extended mast height		h_4 (mm)	4480	
	4.9	Height of tiller in drive position min./ max.		h_{14} (mm)	\	
	4.15	Height, lowered		h_{13} (mm)	90	
	4.19	Overall length		l_1 (mm)	2080	
	4.20	Length to face of forks		l_2 (mm)	930	
	4.21	Overall width		b_1 (mm)	820	
	4.22	Fork dimensions		s/e/l (mm)	60/160/1150	
	4.25	Distance between fork-arms		b_5 (mm)	570/685	
	4.32	Ground clearance, centre of wheelbase		m_2 (mm)	30	
	4.33	Aisle width for pallets 1000X1200 crossways		Ast (mm)	2470	
	4.34	Aisle width for pallets 800X1200 lengthways		Ast (mm)	2465	
	4.35	Turning radius		Wa (mm)	1560	
Performance data	5.1	Travel speed, laden/ unladen		Km/h	5.5/5.8	
	5.2	Lift speed, laden/ unladen		m/s	0.1/0.12	
	5.3	Lowering speed, laden/ unladen		m/s	0.12/0.1	
	5.8	Max. gradeability, laden/ unladen		%	5/8	
	5.10	Service brake			Electromagnetic	
Electric- engine	6.1	Drive motor rating S2 60min		kw	1.5(AC)	
	6.2	Lift motor rating at S3 4.5%		kw	2.2/3	
	6.3	Battery acc. to DIN 43531/35/36 A, B, C, no			\	
	6.4	Battery voltage, nominal capacity K5	Lead acaid battery	V/Ah	24/210(270)	
			Lithium battery (For option)		24/(150,175,200,230)	
	6.5	B Battery weight +/-5%		kg	200/250	
	6.6	Energy consumption acc: to VDI cycle		kWh/h	\	
Additional data	8.1	Type of drive control			AC speed control	
	8.4	Sound level at driver's ear acc. to EN 12053		dB(A)	69	

Load capacity 1500 / 1800 KGS

Efficient, fast and environmentally friendly

Suitable for small space work

Economical

3WEF15 / 3WEF18
3-WHEEL ELECTRIC FORKLIFT

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.

Foot acceleration
Foot braking

Safety handbrake

Brake lights and turn signals

Hydraulic steering operation

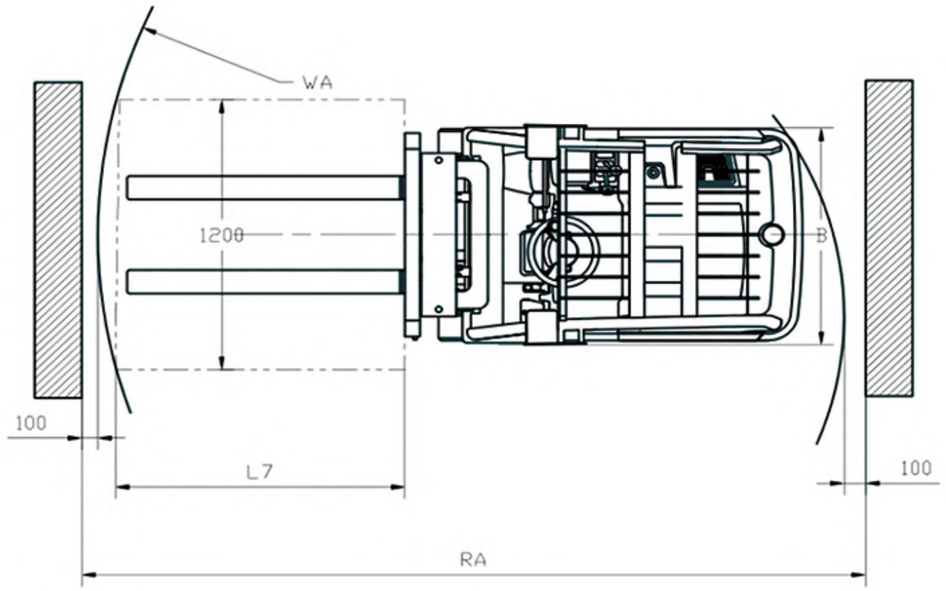
Emergency switch +
Pin-code lock

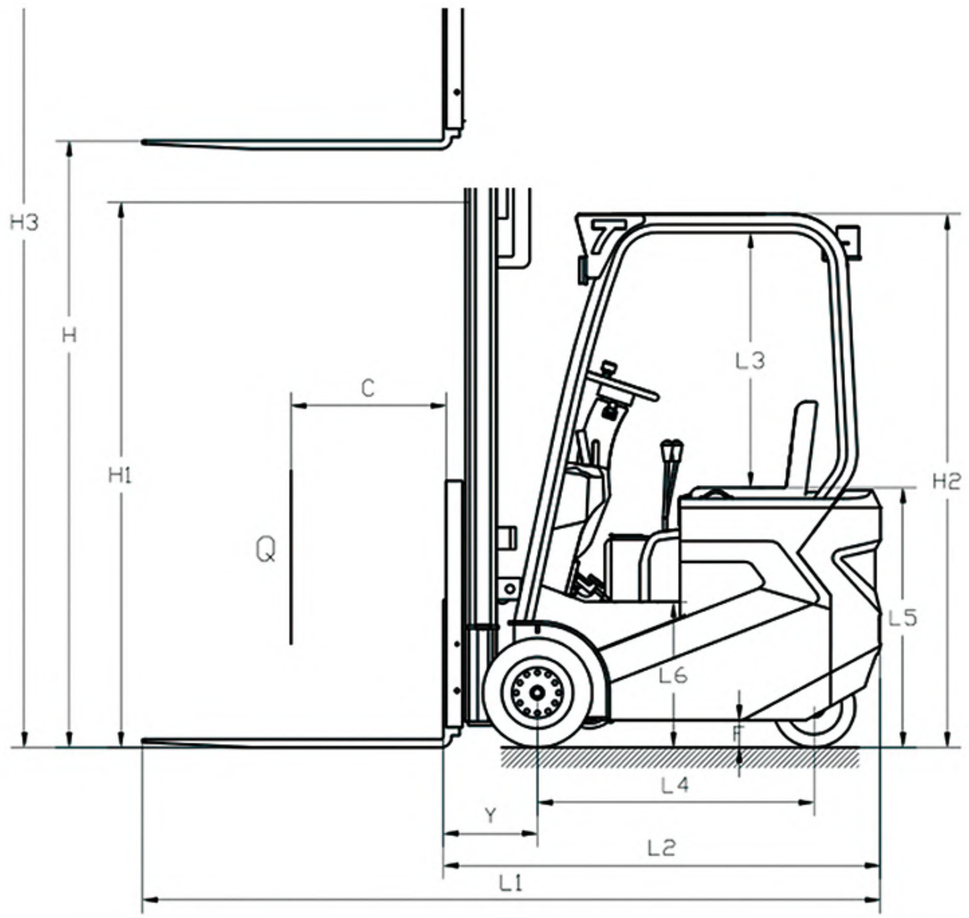
Battery Indicator

The handle is easily accessible

Ergonomic chair

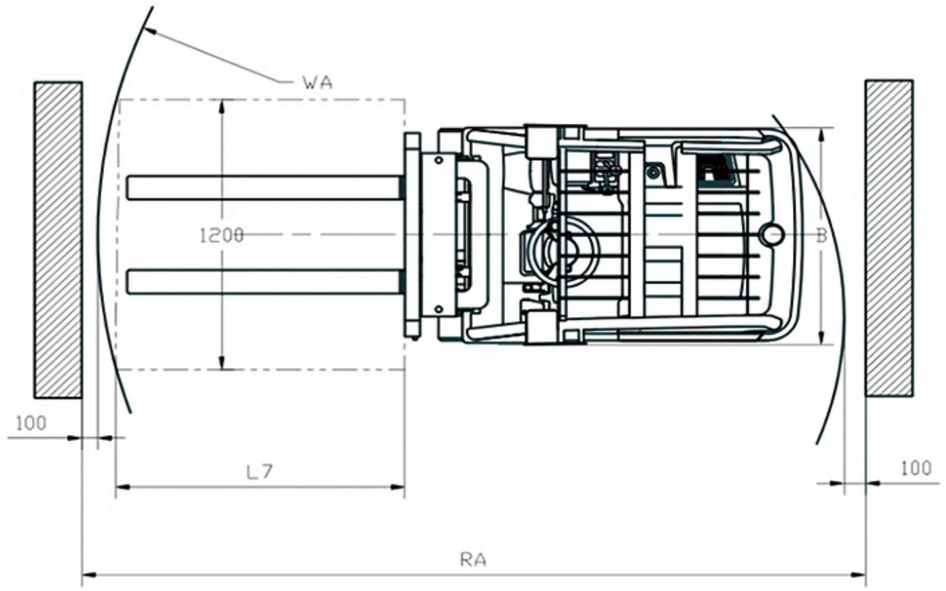
3WEF15 / 3WEF18 ELECTRIC FORKLIFT

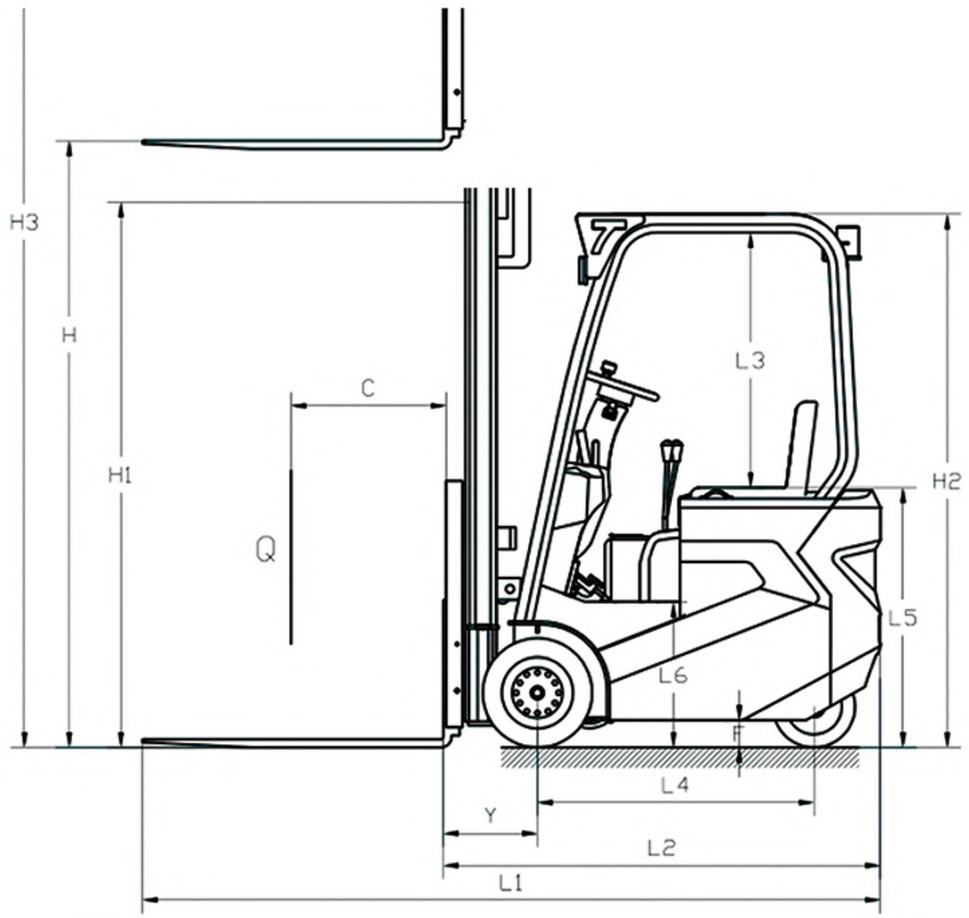




Technical Specification

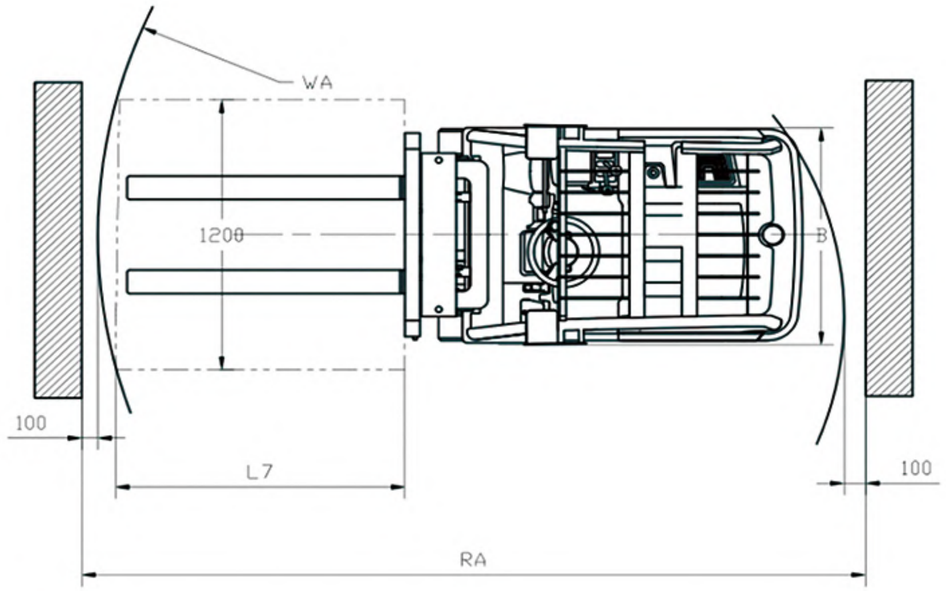
Model			3WEF15 3M (Duplex mast wihout sideshift)	3WEF15 3M (Duplex mast with sideshift)	3WEF15 3.5M (Duplex mast wihout sideshift)
Mast type				H type steel	
Drive mode				Front wheel drive	
Operation type				Sit-on drive	
Load capacity		kg		1500	
Load center		mm		400	
Wheelbase	L4	mm		1220	
EPS(With/Without)				Without	
Service weight (without battery)		kg	2420	2440	2445
Service weight (with battery)		kg	2500	2520	2525
Wheel material				Rubber	
Wheel size, Front wheel		mm		450×140	
Numbers of wheels (Hydraulic steering)				4	
Steering wheel		mm		380×110	
Mast height when lowered	H1	mm	2075	2075	2325
Overall length	L1	mm	2871	2919	2871
Body width		mm		1014	
Overall width		mm		1040	
Roof height	H2	mm		1992	
Max height when operation	H3	mm	3862	4049	4362
Lift height	H	mm	80~3000	80~3000	80~3500
Ground clearance	F	mm		90	
Fork length		mm		1070	
Fork outside width		mm		200~800	
Min.turning radius	WA	mm		1603	
Fork Min.height		mm		80	
Fork thickness		mm		35	
Fork width		mm		100	
Lift free height		mm	/	/	/
Fork lean forward / backforward angle		°		3/5	
Aisle width for pallets 800 x 1200 lengthway	RA	mm	3165	3203	3155
Aisle width for pallets 1000 x 1000 crossway	RA	mm	3460	3499	3460
Travel speed, Laden / unladen		km/h		8.0/9.0	
Lift speed, laden / unladen		mm/s		184/194	
Lowering speed, laden / unladen		mm/s	141/182	186/179	186/179
Max.gradeability, laden / unladen		%		10	
Drive motor power		kw		4	
Lift motor power		kw		3.5	
Battery voltage,nominal capacity		V/Ah		48/135	
Battery weight		kg		80	
Battery size (L×W×H)		mm		682×300×420	
Brake				Hydraulic brake	

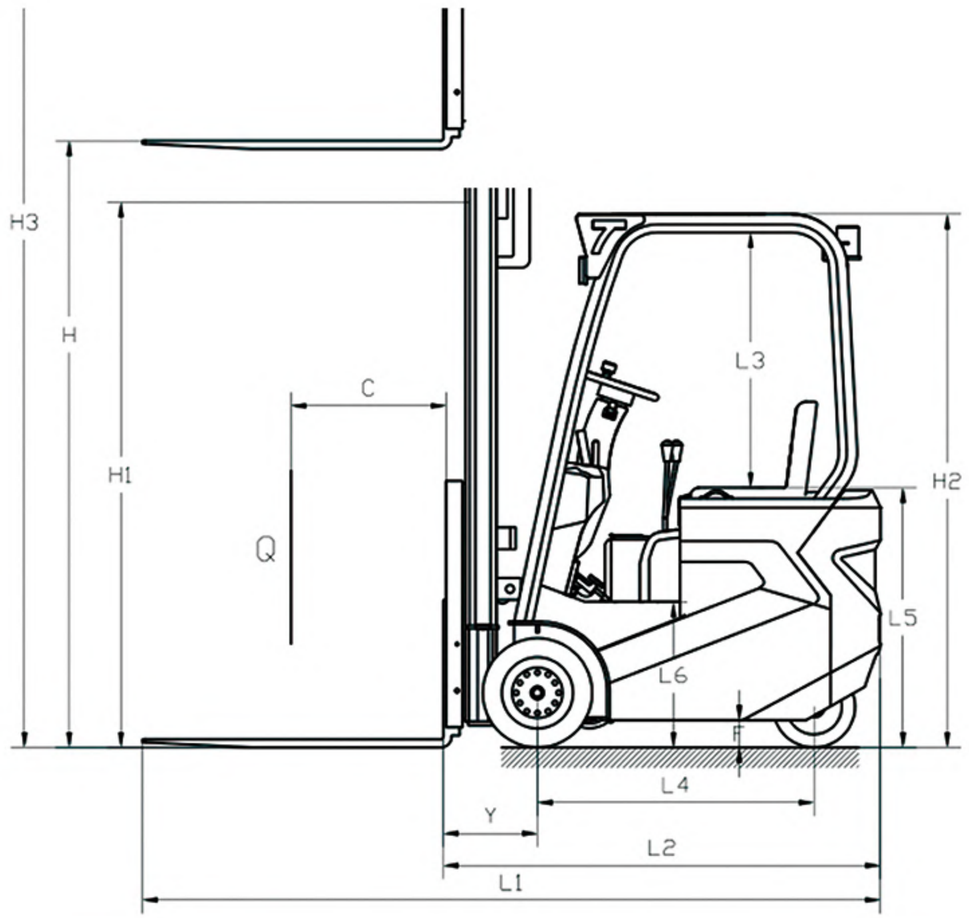




Technical Specification

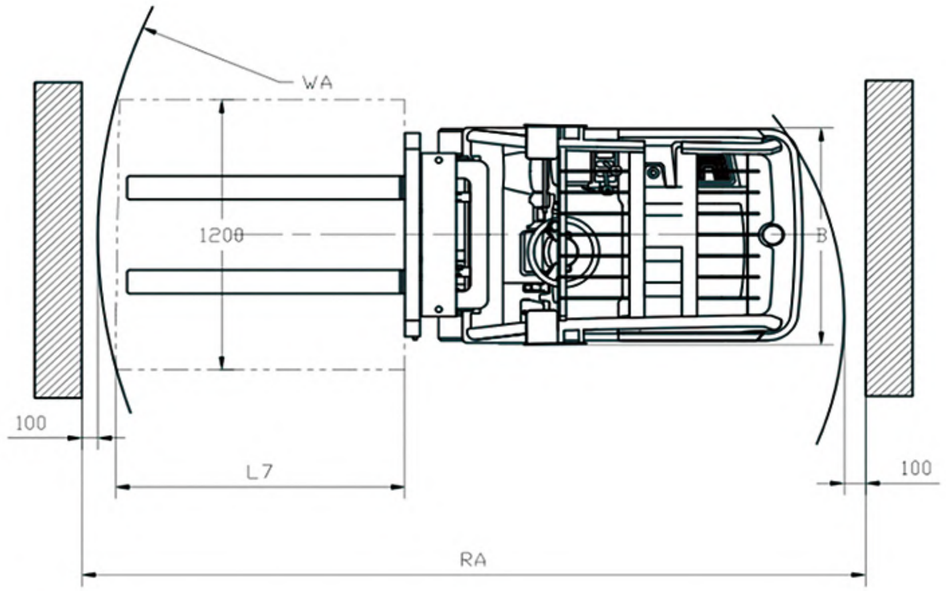
Model			3WEF15 3.5M (Duplex mast with sideshift)	3WEF15 4M (Triplex mast without sideshift)	3WEF15 4M (Triplex mast with sideshift)
Mast type				H type steel	
Drive mode				Front wheel drive	
Operation type				Sit-on drive	
Load capacity		kg		1500	
Load center		mm		400	
Wheelbase	L4	mm		1220	
EPS(With/Without)				Without	
Service weight (without battery)		kg	2465	2635	2655
Service weight (with battery)		kg	2545	2715	2735
Wheel material				Rubber	
Wheel size, Front wheel		mm		450×140	
Numbers of wheels (Hydraulic steering)				4	
Steering wheel		mm		380×110	
Mast height when lowered	H1	mm	2325	1920	1920
Overall length	L1	mm	2919	2871	2919
Body width		mm		1014	
Overall width		mm		1040	
Roof height	H2	mm		1992	
Max height when operation	H3	mm	4549	4808	4995
Lift height	H	mm	80~3500	80~3500	80~4000
Ground clearance	F	mm		90	
Fork length		mm		1070	
Fork outside width		mm		200~800	
Min.turning radius	WA	mm		1603	
Fork Min.height		mm		80	
Fork thickness		mm		35	
Fork width		mm		100	
Lift free height		mm	/	1375	1375
Fork lean forward / backforward angle		°		3/5	
Aisle width for pallets 800 x 1200 lengthway	RA	mm	3203	3172	3208
Aisle width for pallets 1000 x 1000 crossway	RA	mm	3499	3473	3503
Travel speed, Laden / unladen		km/h		8.0/9.0	
Lift speed, laden / unladen		mm/s		184/194	
Lowering speed, laden / unladen		mm/s	186/179	186/179	186/179
Max.gradeability, laden / unladen		%		10	
Drive motor power		kw		4	
Lift motor power		kw		3.5	
Battery voltage,nominal capacity		V/Ah		48/135	
Battery weight		kg		80	
Battery size (L×W×H)		mm		682×300×420	
Brake				Hydraulic brake	

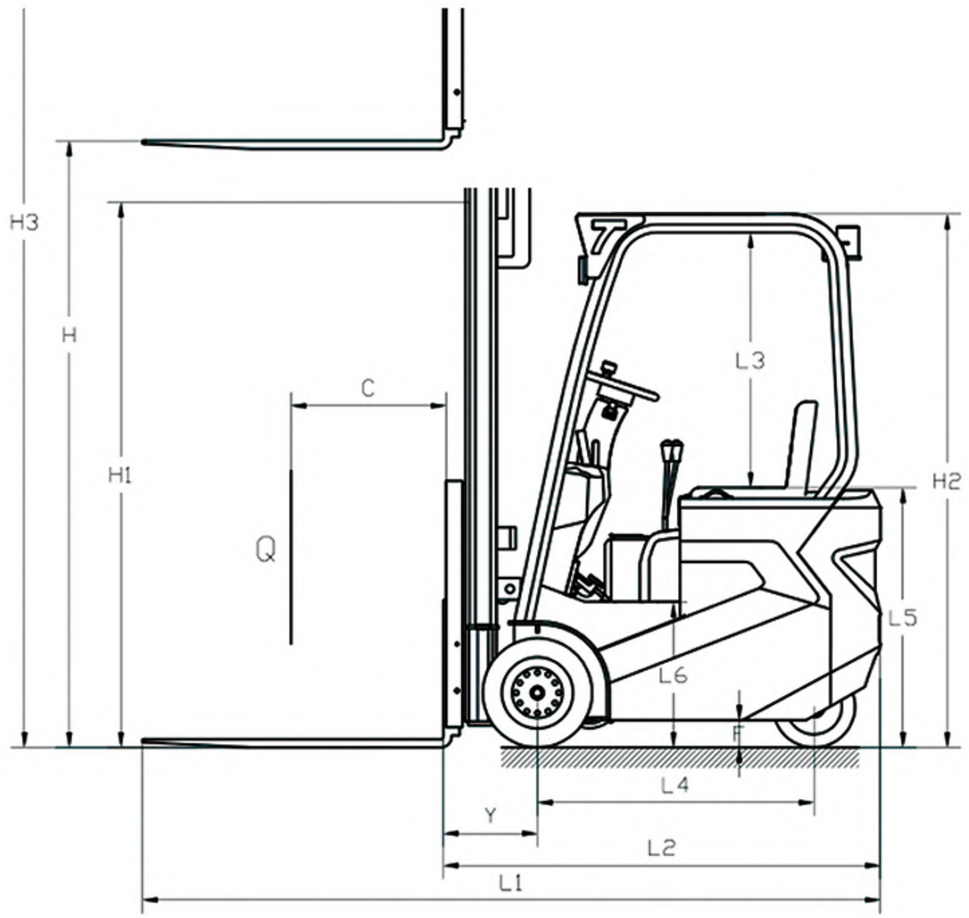




Technical Specification

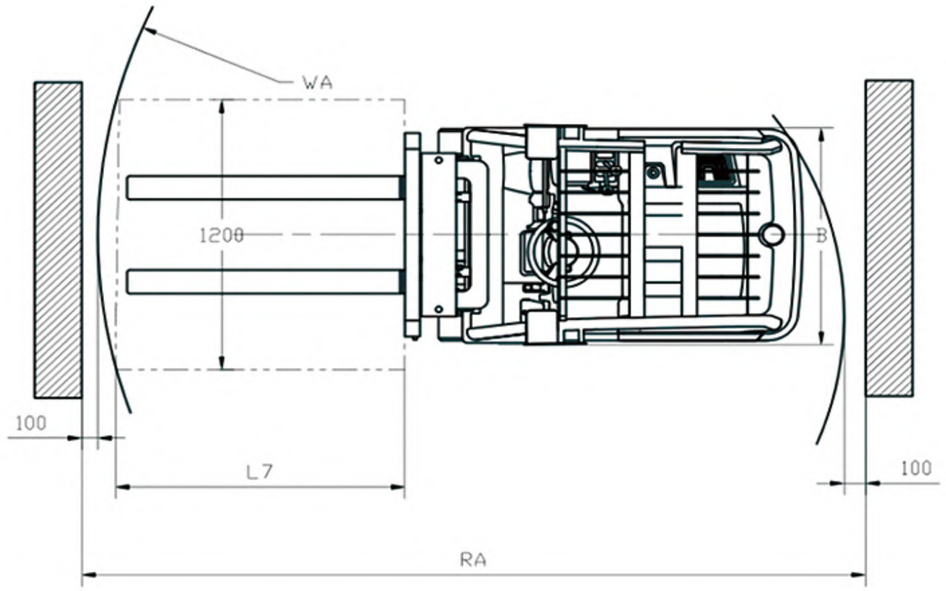
Model			3WEF15 4.5M (Triplex mast without sideshift)	3WEF15 4.5M (Triplex mast with sideshift)	3WEF15 4.8M (Triplex mast without sideshift)
Mast type				H type steel	
Drive mode				Front wheel drive	
Operation type				Sit-on drive	
Load capacity		kg		1500	
Load center		mm		400	
Wheelbase	L4	mm		1220	
EPS(With/Without)				Without	
Service weight (without battery)		kg	2660	2680	2670
Service weight (with battery)		kg	2740	2760	2755
Wheel material				Rubber	
Wheel size, Front wheel		mm		450×140	
Numbers of wheels (Hydraulic steering)				4	
Steering wheel		mm		380×110	
Mast height when lowered	H1	mm	2085	2085	2185
Overall length	L1	mm	2871	2919	2888
Body width		mm		1014	
Overall width		mm		1040	
Roof height	H2	mm		1992	
Max height when operation	H3	mm	5303	5490	5603
Lift height	H	mm	80~4500	80~4500	80~4800
Ground clearance	F	mm		90	
Fork length		mm		1070	
Fork outside width		mm		200~800	
Min.turning radius	WA	mm		1603	
Fork Min.height		mm		80	
Fork thickness		mm		35	
Fork width		mm		100	
Lift free height		mm	1740	1740	1640
Fork lean forward / backforward angle		°		3/5	
Aisle width for pallets 800 x 1200 lengthway	RA	mm	3172	3208	3172
Aisle width for pallets 1000 x 1000 crossway	RA	mm	3473	3503	3473
Travel speed, Laden / unladen		km/h		8.0/9.0	
Lift speed, laden / unladen		mm/s		184/194	
Lowering speed, laden / unladen		mm/s		186/179	
Max.gradeability, laden / unladen		%		10	
Drive motor power		kw		4	
Lift motor power		kw		3.5	
Battery voltage,nominal capacity		V/Ah		48/135	
Battery weight		kg		80	
Battery size (L×W×H)		mm		682×300×420	
Brake				Hydraulic brake	

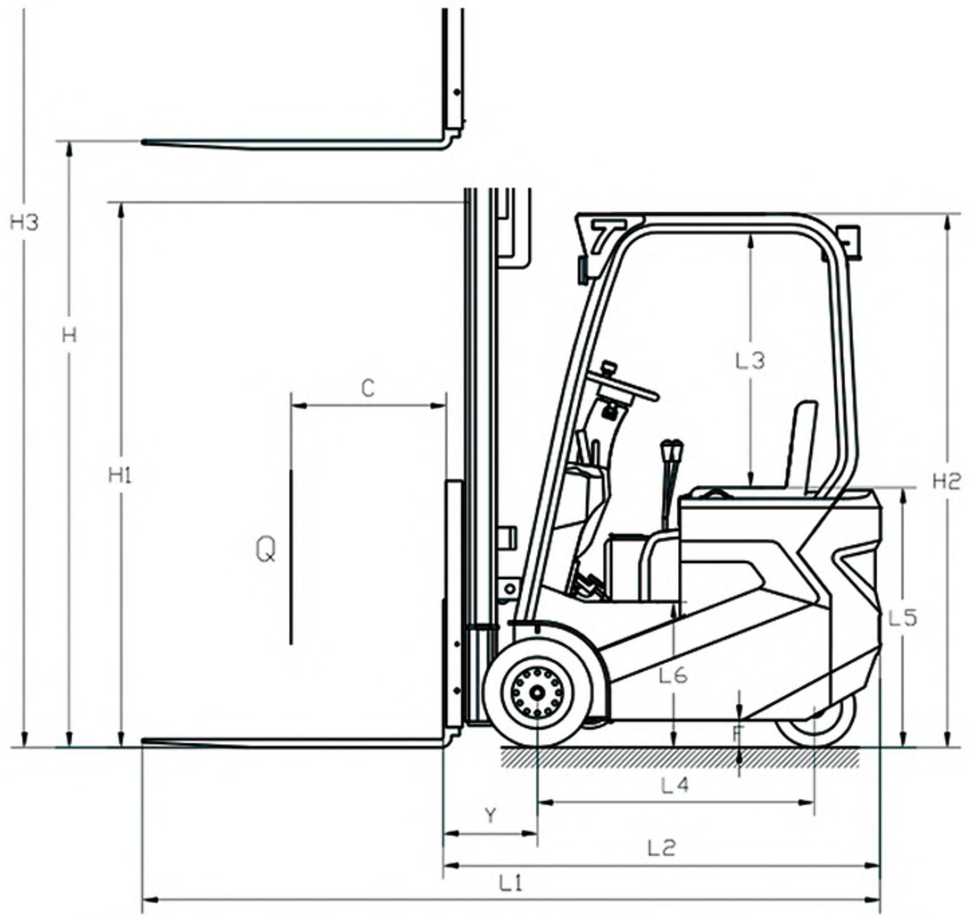




Technical Specification

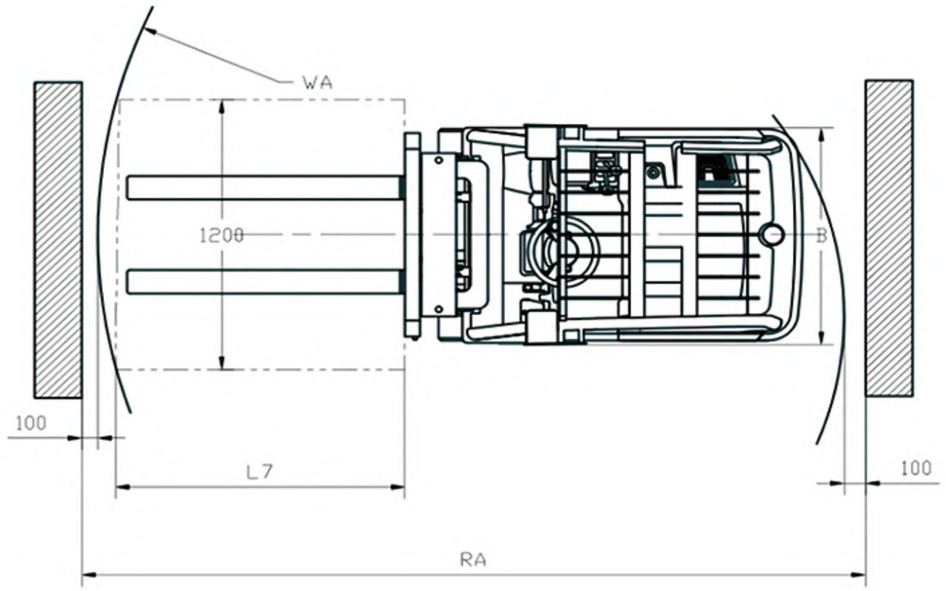
Model			3WEF15 4.8M (Triplex mast with sideshift)	3WEF18 3M (Duplex mast without sideshift)	3WEF18 3M (Duplex mast with sideshift)
Mast type				H type steel	
Drive mode				Front wheel drive	
Operation type				Sit-on drive	
Load capacity		kg	1500	1800	1800
Load center		mm		400	
Wheelbase	L4	mm	1220	1370	1370
EPS(With/Without)				Without	
Service weight (without battery)		kg	2695	2735	2755
Service weight (with battery)		kg	2775	2865	2885
Wheel material				Rubber	
Wheel size, Front wheel		mm	450×140	445×168	445×168
Numbers of wheels (Hydraulic steering)				4	
Steering wheel		mm	380×110	384×135	384×135
Mast height when lowered	H1	mm	2185	2075	2075
Overall length	L1	mm	2924	3026	3074
Body width		mm	1014	1064	1064
Overall width		mm	1040	1078	1078
Roof height	H2	mm		1992	
Max height when operation	H3	mm	5799	3862	4049
Lift height	H	mm	80~4800	80~3000	80~3000
Ground clearance	F	mm		90	
Fork length		mm		1070	
Fork outside width		mm	200~800	240~800	240~800
Min.turning radius	WA	mm	1603	1733	1733
Fork Min.height		mm		80	
Fork thickness		mm	35	40	40
Fork width		mm	100	120	120
Lift free height		mm	1640	/	/
Fork lean forward / backforward angle		°		3/5	
Aisle width for pallets 800 x 1200 lengthway	RA	mm	3208	3305	3353
Aisle width for pallets 1000 x 1000 crossway	RA	mm	3503	3610	3649
Travel speed, Laden / unladen		km/h		8.0/9.0	
Lift speed, laden / unladen		mm/s		184/194	
Lowering speed, laden / unladen		mm/s		186/179	
Max.gradeability, laden / unladen		%		10	
Drive motor power		kw	4	6	6
Lift motor power		kw	3.5	3.5	3.5
Battery voltage,nominal capacity		V/Ah	48/135	48/200	48/200
Battery weight		kg	80	130	130
Battery size (L×W×H)		mm	682×300×420	682×300×600	682×300×600
Brake				Hydraulic brake	

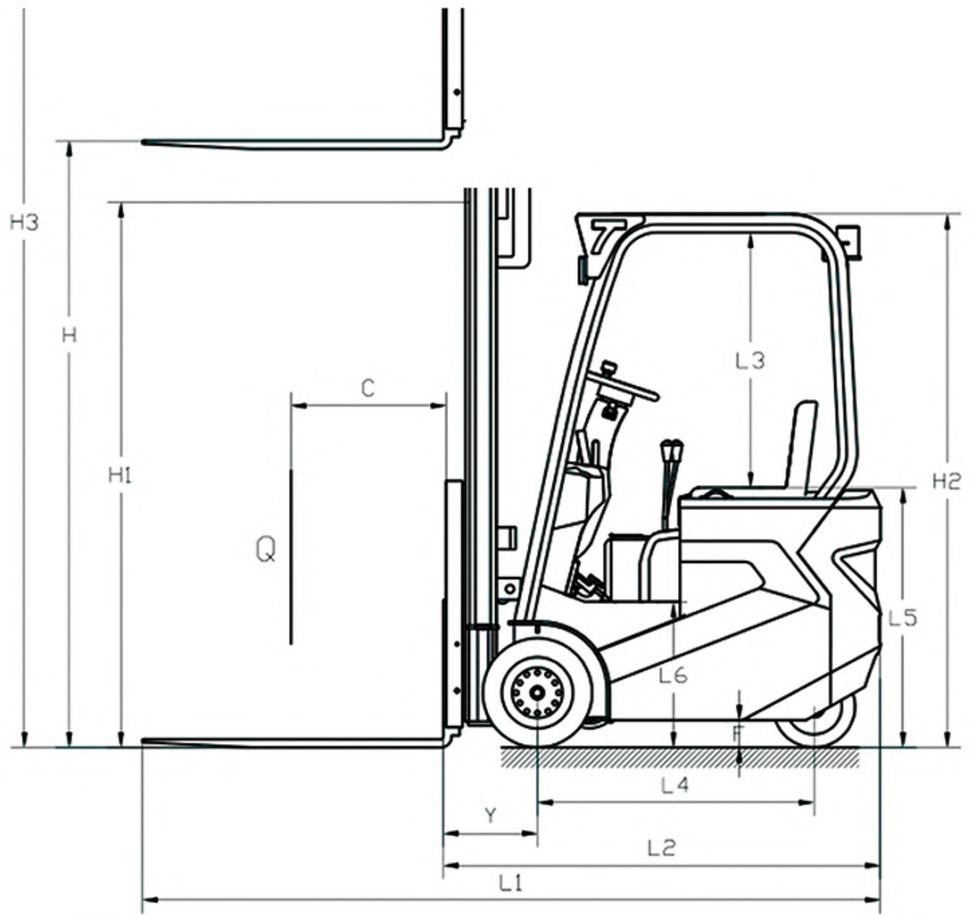




Technical Specification

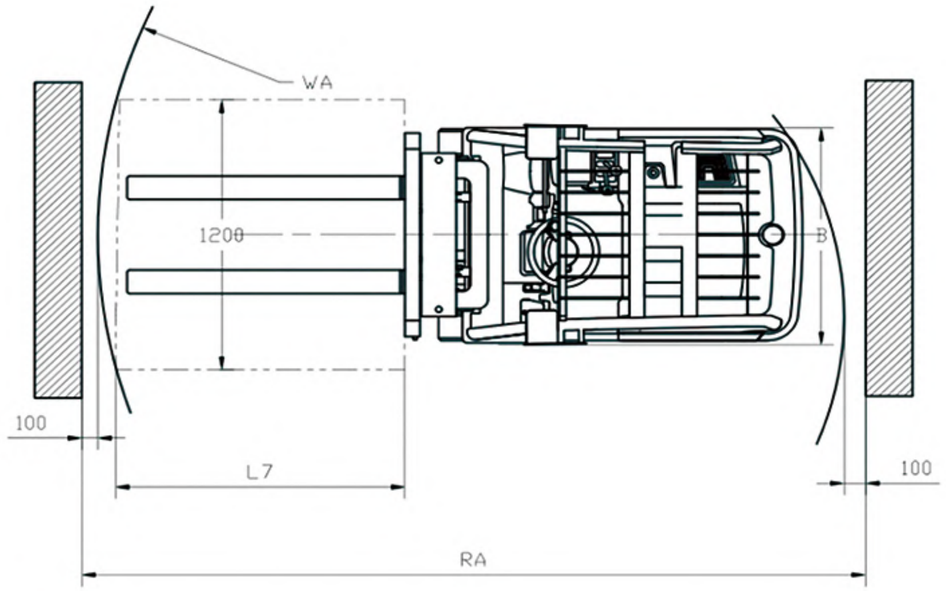
Model			3WEF18 3.5M (Duplex mast without sideshift)	3WEF18 3.5M (Duplex mast wih sideshift)	3WEF18 4M (Triplex mast without sideshift)
Mast type				H type steel	
Drive mode				Front wheel drive	
Operation type				Sit-on drive	
Load capacity		kg		1800	
Load center		mm		400	
Wheelbase	L4	mm		1370	
EPS(With/Without)				Without	
Service weight (without battery)		kg	2760	2780	2950
Service weight (with battery)		kg	2890	2910	3080
Wheel material				Rubber	
Wheel size, Front wheel		mm		445×168	
Numbers of wheels (Hydraulic steering)				4	
Steering wheel		mm		384×135	
Mast height when lowered	H1	mm	2325	2325	1920
Overall length	L1	mm	3026	3074	3043
Body width		mm		1064	
Overall width		mm		1078	
Roof height	H2	mm		1992	
Max height when operation	H3	mm	4362	4549	4808
Lift height	H	mm	80~3500	80~3500	80~4000
Ground clearance	F	mm		90	
Fork length		mm		1070	
Fork outside width		mm		240~800	
Min.turning radius	WA	mm		1733	
Fork Min.height		mm		80	
Fork thickness		mm		40	
Fork width		mm		120	
Lift free height		mm	/	/	1375
Fork lean forward / backforward angle		°		3/5	
Aisle width for pallets 800 x 1200 lengthway	RA	mm	3155	3203	3172
Aisle width for pallets 1000 x 1000 crossway	RA	mm	3460	3499	3473
Travel speed, Laden / unladen		km/h		8.0/9.0	
Lift speed, laden / unladen		mm/s		184/194	
Lowering speed, laden / unladen		mm/s		186/179	
Max.gradeability, laden / unladen		%		10	
Drive motor power		kw		6	
Lift motor power		kw		3.5	
Battery voltage,nominal capacity		V/Ah		48/200	
Battery weight		kg		130	
Battery size (L×W×H)		mm		682×300×600	
Brake				Hydraulic brake	

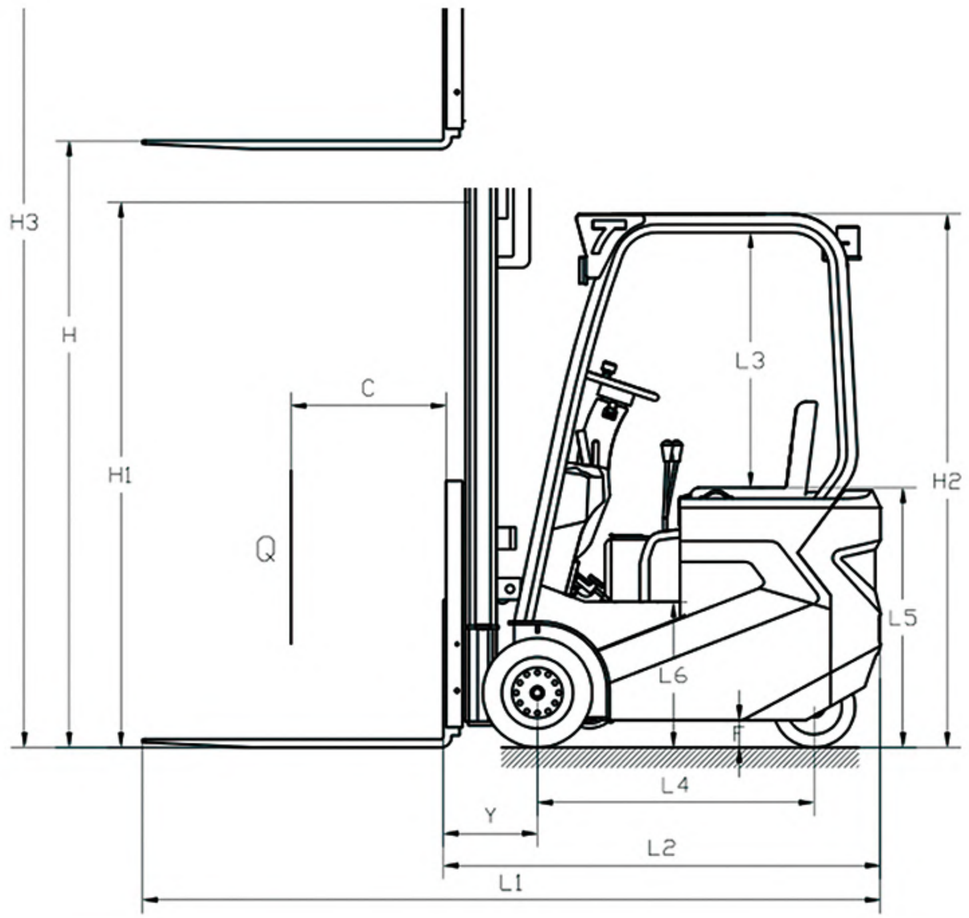




Technical Specification

Model			3WEF18 4M (Triplex mast with sideshift)	3WEF18 4.5M (Triplex mast without sideshift)	3WEF18 4.5M (Triplex mast with sideshift)
Mast type				H type steel	
Drive mode				Front wheel drive	
Operation type				Sit-on drive	
Load capacity		kg		1800	
Load center		mm		400	
Wheelbase	L4	mm		1370	
EPS(With/Without)				Without	
Service weight (without battery)		kg	2970	2975	2995
Service weight (with battery)		kg	3100	3105	3125
Wheel material				Rubber	
Wheel size, Front wheel		mm		445×168	
Numbers of wheels (Hydraulic steering)				4	
Steering wheel		mm		384×135	
Mast height when lowered	H1	mm	1920	2085	2085
Overall length	L1	mm	3079	3043	3079
Body width		mm		1064	
Overall width		mm		1078	
Roof height	H2	mm		1992	
Max height when operation	H3	mm	4995	5303	5490
Lift height	H	mm	80~4000	80~4500	80~4500
Ground clearance	F	mm		90	
Fork length		mm		1070	
Fork outside width		mm		240~800	
Min.turning radius	WA	mm		1733	
Fork Min.height		mm		80	
Fork thickness		mm		40	
Fork width		mm		120	
Lift free height		mm	1375	1740	1740
Fork lean forward / backforward angle		°		3/5	
Aisle width for pallets 800 x 1200 lengthway	RA	mm	3208	3172	3208
Aisle width for pallets 1000 x 1000 crossway	RA	mm	3503	3473	3503
Travel speed, Laden / unladen		km/h		8.0/9.0	
Lift speed, laden / unladen		mm/s		184/194	
Lowering speed, laden / unladen		mm/s		186/179	
Max.gradeability, laden / unladen		%		10	
Drive motor power		kw		6	
Lift motor power		kw		3.5	
Battery voltage,nominal capacity		V/Ah		48/200	
Battery weight		kg		130	
Battery size (L×W×H)		mm		682×300×600	
Brake				Hydraulic brake	





Technical Specification

Model			3WEF18 4.8M (Triplex mast without sideshift)	3WEF18 4.8M (Triplex mast with sideshift)
Mast type			H type steel	
Drive mode			Front wheel drive	
Operation type			Sit-on drive	
Load capacity		kg	1800	
Load center		mm	400	
Wheelbase	L4	mm	1370	
EPS(With/Without)			Without	
Service weight (without battery)		kg	2970	2990
Service weight (with battery)		kg	3120	3140
Wheel material			Rubber	
Wheel size, Front wheel		mm	445×168	
Numbers of wheels (Hydraulic steering)			4	
Steering wheel		mm	384×135	
Mast height when lowered	H1	mm	2185	2185
Overall length	L1	mm	3043	3079
Body width		mm	1064	
Overall width		mm	1078	
Roof height	H2	mm	1992	
Max height when operation	H3	mm	5603	5799
Lift height	H	mm	80~4800	
Ground clearance	F	mm	90	
Fork length		mm	1070	
Fork outside width		mm	240~800	
Min.turning radius	WA	mm	1733	
Fork Min.height		mm	80	
Fork thickness		mm	40	
Fork width		mm	120	
Lift free height		mm	1640	
Fork lean forward / backforward angle		°	3/5	
Aisle width for pallets 800 x 1200 lengthway	RA	mm	3322	3358
Aisle width for pallets 1000 x 1000 crossway	RA	mm	3623	3653
Travel speed, Laden / unladen		km/h	8.0/9.0	
Lift speed, laden / unladen		mm/s	184/194	
Lowering speed, laden / unladen		mm/s	186/179	
Max.gradeability, laden / unladen		%	10	
Drive motor power		kw	6	
Lift motor power		kw	3.5	
Battery voltage,nominal capacity		V/Ah	48/200	
Battery weight		kg	130	
Battery size (L×W×H)		mm	682×300×600	
Brake			Hydraulic brake	

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.

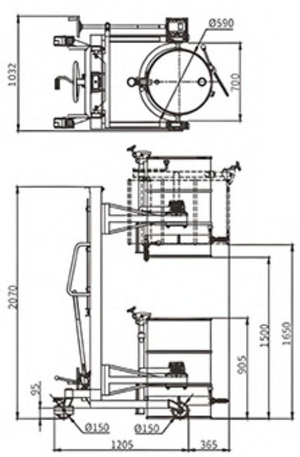
Emergency stop, Key to lock, Lifting and lowering button.

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

MULTIFUNCTIONAL DRUM DUMPERS

- Combined Eagle-grip structure and Anchor ear structure together
- Lifting, transporting,stacking and weighting 55 gallon steel drums and 200L rimmed plastic drums
- Special rolling technology of C-type frame has a strong security
- Drums can be manually hand rotated 180 degree & keep at any angle
- QDA450-1: Kinds of scales can be chosen, accuracy up to ±3‰



Optional: Aluminum Alloy Reducer

QDA450

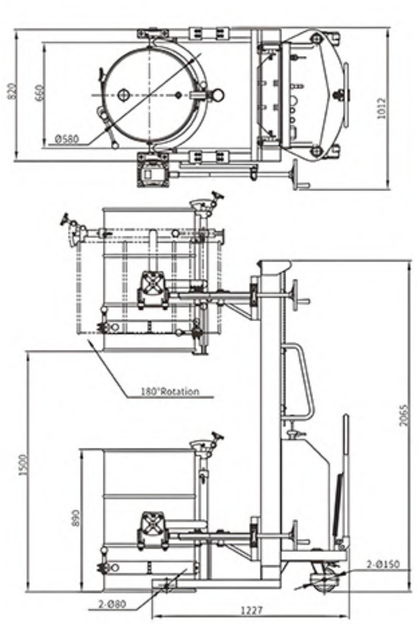
QDA450-1

QDA450-S

Model		QDA450	QDA450-1(with scale)	QDA450-S(Stainless steel)
Load capacity	kg	450	350	700
Net weight	kg	181	194	173
Caster dimension	mm	Φ150×50	Φ150×50	Φ150×50

SEMI ELECTRIC DRUM LIFTER CUM TILTER

- Load capacity 520kg
- High quality hydraulic power unit and maintenance-free battery
- Special rolling technology of C-type frame has a strong security
- Combined Eagle-grip and Anchor ear structure is suitable for steel drums & plastic drums
- QYL520 & QYL520-1: Electric lifting & electric rotating
- QYL520A & QYL520A-1: Electric lifting & manual rotating
- QYL520-1 & QYL520A-1: Kinds of scales can be chosen,accuracy up to ±3‰



QYL520

QYL520-1

QYL520A

QYL550

Model		QYL520	QYL520-1 (with scale)	QYL520A	QYL520A-1 (with scale)	QYL550
Load Capacity	kg	520	520	520	520	550
Net weight	kg	280	308	269	274	280
Wheel Dimension (Front / Rear)	mm	Φ80×55 / 150×50	Φ80×55 / 150×50	Φ80×55 / 150×50	Φ80×55 / 150×50	Φ80×55 / 150×50
Turning Radius	mm	1620	1620	1620	1620	1620
Pump Unit Power	KW/h	1.6	1.6	1.6	1.6	1.6
Battery	AH/V	100/12	100/12	100/12	100/12	100/12
Lifting Speed	mm/s	120	120	120	120	120

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

TG50 / TG100

GRAND MANUAL LIFT TABLE SINGLE SCISSOR

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		TG50	TG100
Capacity	kg	500	1000
Table height	mm	290-915	360-1360
Size of table	mm	1600×810	2035×750
Size of wheel	mm	Φ125×40	Φ180×50 Φ80×40
Footpedal cycles to max height	Times	⩽55	⩽200
Net weight	Kg	154	198
Ground clearance	mm	975	1000
Packing	Pc / pallet	2	1
Packing size	mm	1800×930×840	2320×810×500

HIW1.0EU / HIW2.0EU /HIW3.0EU / HIW4.0EU

ELECTRIC LIFTING PALTFORM

High quality pump station with overload protection device to prevent overload damage.

Remote control for lift up and down

Oil leak proof cylinder with strong power

Thickened fork with high strength steel

Model		HIW1.0EU	HIW2.0EU	HIW4.0EU	HIW3.0EU
Capacity	kg	500	1000	2000	3000
Height of platform	mm	190-1010	190-1010	190-1010	220-1020
Size of platform	mm	1300×800			
Net weight	kg	160	220	280	320
Lifting time with loading	s	15	35	40	28
Lifting speed with loading	mm/s	55	40	22	30
Lowering speed with loading	mm/s	40	35	33	40
motor	kw	0.75			1.5
Packing	Pc / pallet	2			
Packing size	mm	1490×810×530			1490×810×590
Optionat voltage	v/hz	Single-Phase 230V, 50HZ / Three-Phase 380V, 50HZ			

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 resistent 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
Lowing 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

ETF30 / ETF35 / ETF50 / ETF75 LIFT TABLE

HTF-G05 / HTF-G10
HTF-G20
ELECTRIC LIFTING PALTFORM

Compact Hydraulic design with all safety components complying to EN1570

High pressure cylinder with dual safety function

Hard chrome plated piston rods

With emergency switch off and a 3m long control cable

Model		HTF-G05	HTF-G10	HTF-G20
Capacity	kg	500	1000	2000
Height of platform	mm	86-760	82-760	100-1000
Size of platform	mm	1020×610	1450×1140	1560×1140
Net weight	kg	95	250	376
Lifting time with loading	s	10	18	55
Lifting speed with loading	mm/s	75	42	16
Lowering speed with loading	mm/s	34	48	23
motor	kw	0.75		
Packing	Pc / pallet	2		
Packing size	mm	1470×1160×1500		
Optionat voltage	v/hz	Single-Phase 230V, 50HZ / Three-Phase 380V, 50HZ		

HTF-U10
ELECTRIC LIFTING PALTFORM

Compact Hydraulic design with all safety components complying to EN1570

High pressure cylinder with dual safety function

Hard chrome plated piston rods

With emergency switch off and a 3m long control cable

Model		HTF-U10
Capacity	kg	1000
Height of platform	mm	80-760
Size of platform	mm	1450×1140
Net weight	kg	235
Lifting time with loading	s	18
Lifting speed with loading	mm/s	42
Lowering speed with loading	mm/s	48
motor	kw	0.75
Packing	Pc / pallet	2
Packing size	mm	1470×1160×1500
Optionat voltage	v/hz	Single-Phase 230V, 50HZ / Three-Phase 380V, 50HZ

Compact drive axle

- **High Speed with Low Noise**
- **Large Gear Ratio**
  The maximum Gear Ratio can reach to 50
- **Robust Power**
  Continuous climbing when fully loaded >16%
- **High load capacity**
  * Integrated cast axle
  * Tapered roller bearing for theking pin structure
- **High reliability**
  Design life of over 20000h

Energy Saving and Cost Reduction

10-20% Comprehensive energy saving

30% Save costs compared to traditional electric forklifts

2 electric forklifts

≈

3 diesel forklifts in terms of economic benefits

High Safety and Reliability

- **Active safety system (optional):**
  Detect human movement and anticipate hazards with alerts

- **High-precision facial recognition system (optional):**
  Ensure drivers are licensed
- **Drive dynamic sensing system (optional):**
  Avoid drowsy driving

- **Ultra-long warranty, worry-free use:**
  Warranty period of five years or 10,000 service hours for EIC

Intelligent service

Intelligent cloud monitoring allows for fleet management, remote fault diagnosis, etc.

Battery management unit

Cloud intelligent monitoring

Motorcade intelligence management

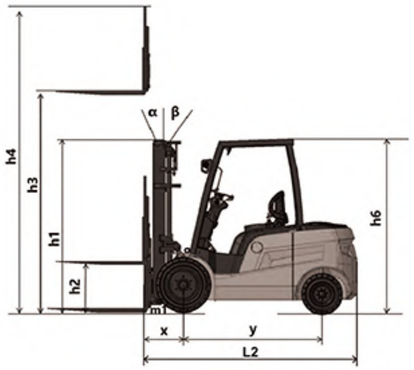
Remote fault diagnosis

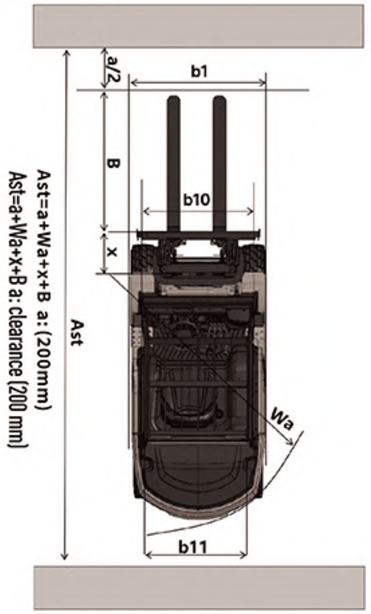
Various equipment indicators

T-BOX
Standard remote upgrade and locking

Parameters

Category		Unit	Parameters	
Overview	Product Model	/	SCP30F1	SCP35F1
	Rated load capacity	Q(kg)	3000	3500
	Load center distance	c(mm)	500	500
	Front overhang	x(mm)	485	490
	Wheel base	y(mm)	1750	1750
Weitht	Dead weight	kg	4670	5100
	Axle load front/rear(full load)	kg	6700/970	7690/910
	Axle load front/rear(no load)	kg	2150/2520	2200/2900
Size	Mast tilting angle(front/rear)	α/β(°)	6/12	6/12
	Height when mast is retracted	h1(mm)	2130	2130
	Free lift height	h2(mm)	130	130
	Lifting height	h3(mm)	3000	3000
	Maximum height of raised mast	h4(mm)	4190	4190
	Overhead guard height	h6(mm)	2190	2190
	Overall length(to the front end face of forks)	L2(mm)	2680	2680
	Overall width	b1(mm)	1250	1250
	Fork dimensions(thickness/width/length)	s×e×l(mm)	45*122*1070	50*122*1070
	Fork spacing	mm	247-1100	247-1100
	Minimum ground clearance(full load)	m1(mm)	130	130
	Min. ground clearance at wheel base	m2(mm)	150	150
	Stacking aisle(1m×1.2m)	Ast(mm)	4050	4050
	Stacking aisle(0.8m×1.2m)	Ast(mm)	4250	4250
	Minimum steering radius	Wa(mm)	2350	2350
Tire	Tire type	/	Pneumatic tire	Pneumatic tire
	Front tire specifications	/	28x9-15	28x9-15
	Rear tire specifications	/	21x8-9	21x8-9
	Front wheel track	b10(mm)	1020	1020
	Rear wheel track	b11(mm)	1000	1000
Performance	Maximum travel speed(full load/no load)	km/h	16/16	16/16
	Maximum lifting speed(full load/no load)	mm/s	350/400	350/400
	Lowering speed(full load/no load)	mm/s	420/510	420/510
	Traction force(full load/no load)	N	17300/15800	17300/15800
	Gradeability(full load/no load)	%	17/20	16/20
	Service brake	/	Hydraulic	Hydraulic
	Parking brake	/	Mechanical	Mechanical
Moto battery	Travel motor(S2-60min)	kW	17	17
	Lifting motor(S3-15%)	kW	25	25
	Battery voltage / capacity	V/kWh	96/22.1	96/22.1
	Battery weight	kg	210	210
Controller	Travel motor control type	–	MOS transistor/AC	MOS transistor/AC
	Pressure provided to MAST AUXILIAPY	MPa	19.5	19.5





Mast Auxiliary Options

Mounting level: 2 A, 3 A
Application: Working conditions requiring fork side shifting

Mounting level: 2 A, 3 A
Application: Working conditions requiring fork side shifting and distance adjustment

Mounting level: 2 A, 3 A
Application: Working conditions requiring goods flipping and dumping

Mounting level: 2 A, 3 A
Application: Used for handling double pallets, mostly in breweries

Mounting level: 2 A, 3 A
Application: Used in paper industry for handling paper rolls

Mounting level: 2 A, 3 A
Application: Used in paper industry for handling cartons

Mounting level: 2 A, 3 A
Application: Used for handling bagged goods and boxed food

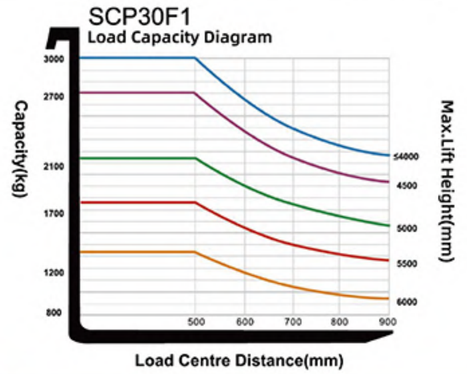
Mounting level: 2 A, 3 A
Application: Used for handling waste recycling materials, waste paper, soft packs, and textiles

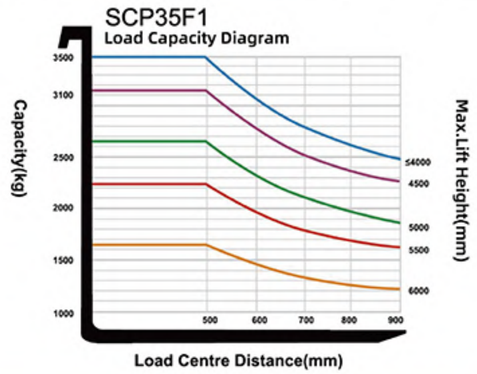
Optional ● Standard configuration ○ Optional - Not configured

SCP		SCP30F1	SCP35F1
Tire	Standard configuration	●	●
	Solid tires	○	○
	Non-marking tire	○	○
Seat	Standard seat	●	●
	Suspension seat	○	○
	Imported suspension seat	○	○
Control Valve	OPS mechanical valve (2-way)	●	●
	OPS mechanical valve (3-way)	○	○
	OPS mechanical valve (4-way)	○	○
	Cross-joystick solenoid valve (2-way)	○	○
	Cross-joystick solenoid valve (3-way)	○	○
	Cross-joystick solenoid valve (4-way)	○	○
	Fingertip-operated solenoid valve (2-way)	○	○
	Fingertip-operated solenoid valve (3-way)	○	○
	Fingertip-operated solenoid valve (4-way)	○	○
Intelligent terminal	Remote diagnosis function	●	●
Intelligent speed limit	Intelligent steering deceleration	○	○
Mast	Standard 2-stage 3 m	●	●
	Standard 2-stage 3.5 m	○	○
	Standard 2-stage 4 m	○	○
	Standard 2-stage 4.5 m	○	○
	Standard 2-stage 5 m	○	○
	2-stage free-lift 3 m	○	○
	3-stage free-lift 4.5 m	○	○
	3-stage free-lift 5 m	○	○
	3-stage free-lift 5.5 m	○	○
	3-stage free-lift 6 m	○	○
Pipeline	Single additional MAST AUXILIARY pipeline (standard mast)	○	○
	Double additional MAST AUXILIARY pipeline (standard mast)	○	○
	Single additional MAST AUXILIARY pipeline (2-stage free-lift mast)	○	○
	Double additional MAST AUXILIARY pipeline (2-stage free-lift mast)	○	○
	Single additional MAST AUXILIARY pipeline (3-stage free-lift mast)	○	○
	Double additional MAST AUXILIARY pipeline (3-stage free-lift mast)	○	○

Optional ● Standard configuration ○ Optional - Not configured

SCP		SCP30F1	SCP35F1
Fork	1070mm	●	●
	No fork	○	○
	1220mm	○	○
	1370mm	○	○
	1520mm	○	○
	1670mm	○	○
	1820mm	○	○
	2000mm	○	○
Lamps	Standard lighting (front and rear combination lamp)	●	●
	Strobe warning light (yellow)	○	○
	Strobe warning light (blue)	○	○
	Rear working light	○	○
	Blue spot light	○	○
	Boundary warning light strip (blue)	○	○
	Boundary warning light strip (red)	○	○
Cab	Standard overhead guard	●	●
	Front windshield + top PC,wiper, sprinkling can + fan	○	○
	Full can + fan	○	○
	Full can + fan+ electric heater	○	○
	Full can + fan+ A/C	○	○
Battery	15 KWh	-	-
	22.1 KWh	●	●
	31 KWh	○	○
	40 KWh	○	○
	50 KWh	-	-
Charger	7 KW (22 V residential power,output current 20 A)	○	○
	50A (380 V industrial power)	○	○
	100A (380 V industrial power)	●	●
	200A (380 Vindustrial power)	○	○
	20 kW (380 V industrial electricity)	-	-
	30 kW (380 V industrial power)	-	-
	60 kW single charger(380 V industrial power)	-	-
Attachment	External side shifter	○	○





Mast type	Mast model	Max. Lift Height	SCP30F1/35F1					
			Capacity (load center 500mm)		Full height of mast	Maximum operating height of mast	Free lift height	Mast sloping angle
			3.0t	3.5t		No load backrest/with load backrest	No load backrest/ with load backrest	Front/rear
		mm	kg	kg	mm	mm	mm	°
Stage II wide-view mast	S30	3000	3000	3500	2140	3730/4200	125	6/12
	S35	3500	3000	3500	2390	4230/4700	125	6/12
	S40	4000	3000	3500	2740	4730/5200	125	6/10
	S45	4500	2700	3150	2990	5230/5700	125	6/6
	S50	5000	2350	2750	3240	5730/6200	125	6/6
Stage II free-lift mast	D30	3000	3000	3500	2140	3730/4200	1400/930	6/12
Stage III free-lift mast	T45	4500	2500	2900	2180	5265/5700	1410/970	6/6
	T50	5000	2100	2500	2450	5765/6200	1680/1240	6/6
	T55	5500	1700	2000	2610	6265/6700	1840/1400	3/6
	T60	6000	1200	1500	2830	6765/7200	2060/1620	3/6