

QES12E ELECTRIC PALLET STACKER

Capacity 1200 KGS

Drive by lithium battery

Designed with long handle

Lift up to 1510 mm - 3910 mm

Compact design

Short turning radius

Suitable for small warehouse operations



● Pin-code handle
(For option)

Drive control

Turtle speed

Battery indicator

Magnetic movable key

Emergency reverse

Horn

Lifting & lowering



Reinforced chain

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



Emergency button

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



Thickened mast frame

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



Solid metal leg

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



Main Feature



High strength chassis design

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



Variety battery capacity available

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



Security and stability

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



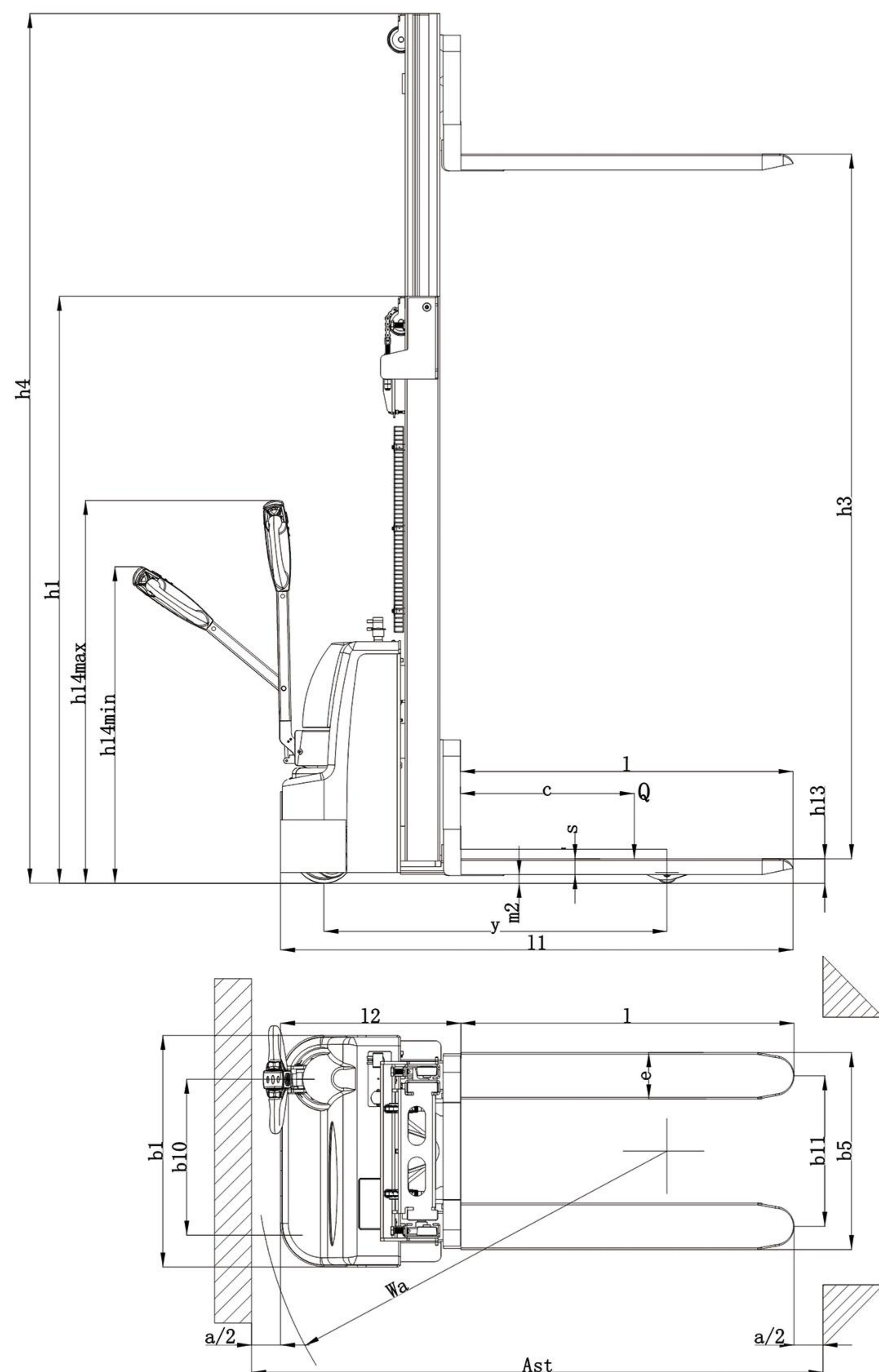
Intelligent control system

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

SPECIFICATION

Technical Specification

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)
QES12E					
Single stage mast	2080	—	1510	2080	1600
Two stage mast	1530	—	1910	2490	2000
	1780	—	2410	2990	2500
	2030	—	2910	3490	3000
	2180	—	3210	3790	3300
	2280	—	3410	3990	3500
	2330	—	3510	4090	3600
	2530	—	3910	4490	4000
Two stage mast FFL (Full-Free-Lift)	—	—	—	—	—
Three stage mast	—	—	—	—	—
Three stage mast FFL (Full-Free-Lift)	—	—	—	—	—



QES12E

Technical Specification

		Manufacturer's type designation		QES12E
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
	1.6	Load centre distance	C (mm)	600
	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
	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	Ø × w (mm)	φ210×70
	3.3	Tire size, rear	Ø × w (mm)	φ80×70
	3.4	Additional wheels(dimensions)	Ø × w (mm)	φ150×50
	3.5	Wheels, number front/rear(x=driven wheels)		1x+1/4
	3.6	Track, front	b10 (mm)	540
Dimensions	3.7	Track, rear	b11 (mm)	400/520
	4.2	Lowered mast height	h1 (mm)	2030
	4.3	Free Lift height	h2 (mm)	\
	4.4	Lift height	h3 (mm)	2910
	4.5	Extended mast height	h4 (mm)	3490
	4.9	Height of tiller in drive position min./ max.	h14 (mm)	690/1300
	4.15	Height, lowered	h13 (mm)	90
	4.19	Overall length	l1 (mm)	1780
	4.20	Length to face of forks	l2 (mm)	630
	4.21	Overall width	b1 (mm)	800
	4.22	Fork dimensions	s/e/l (mm)	55/160/1150 (1220)
	4.25	Distance between fork-arms	b5 (mm)	560/680
	4.32	Ground clearance, centre of wheelbase	m2 (mm)	30
	4.33	Aisle width for pallets 1000X1200 crossways	Ast (mm)	2224
	4.34	Aisle width for pallets 800X1200 lengthways	Ast (mm)	2189
Performance data	4.35	Turning radius	Wa (mm)	1360
	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

Note: For other specification parameters, please refer to the attached table