

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



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

Speed control

Horn

Emergency reverse

Two speed setting
& up-right walking

Turn on & off



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.



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.



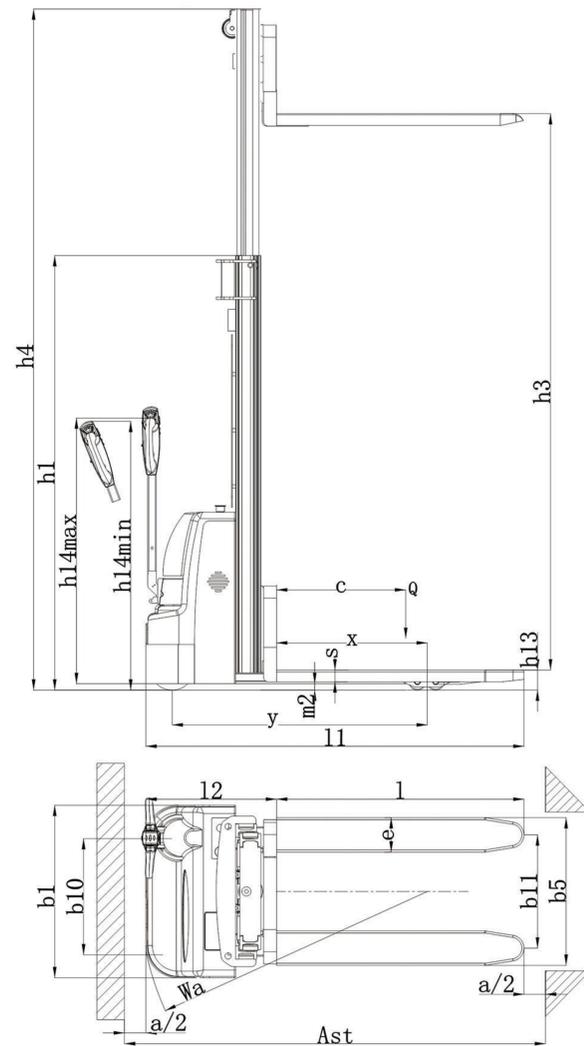
Intelligent control system

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)
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
Three stage mast FFL (Full-Free-Lift)	-	-	-	-	-



QES15E-PV

Technical Specification

	Manufacturer's type designation	QES15E-PV
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
Weight	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
	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	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
	3.7 Track, rear	b11 (mm) 530
Dimensions	4.2 Lowered mast height	h1 (mm) 1675
	4.3 Free Lift height	h2 (mm) \
	4.4 Lift height	h3 (mm) 3410
	4.5 Extended mast height	h4 (mm) 3990
	4.9 Height of tiller in drive position min./ max.	h14 (mm) \
	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) 55/160/1070 (1150)
	4.25 Distance between fork-arms	b5 (mm) 560/685
	4.32 Ground clearance, centre of wheelbase	m2 (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

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