

QGB1850X ELECTRIC REACH TRUCK (RETRACTABLE FORKS, STANDING ON)

Electric Reach Truck.

1.8 t, 5000 mm Lift.

“High-power, quiet AC drive with electric power steering, an intelligent display and a side-extractable battery.”



NARROW-AISLE READY

1905 mm
Min. Turning Radius

Aisle, 1000 × 1200 across forks	2970 mm
Aisle, 800 × 1200 along forks	3020 mm
Reach distance	570 mm

4 Key Specifications

Rated Capacity 1.8 t (Load centre 500 mm)	Lift Height 5000 mm (Mast extended 6120 mm)	Travel Speed 9/9.5 km/h (Laden/unladen)	Drive Motor 6 kW (60 min rating)
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7 Product Features

- 01 **High-Power Drive**

High power, high frequency, efficient and quiet, with stepless speed regulation and reverse braking.
- 02 **Thermal Protection**

Perfect temperature protection and compensation function for thermal protection and stable output.
- 03 **Electronic Power Steering**

Standard electronic power steering is easier and more flexible; automatic speed limit in corners.
- 04 **Intelligent Display Screen**

Shows drive wheel rotation direction and angle in real time, and reports truck fault codes.
- 05 **Open Battery Design**

Battery can be pulled out from the side for convenient exchange and maintenance.
- 06 **Explosion-Proof Hydraulics**

Even if an oil pipe bursts, the mast will not drop quickly, improving safety.
- 07 **Intelligent Control Handle**

Integrated intelligent control handle, easy and comfortable to operate.

Technical Data

1 Characteristics

1.01	Model		QGB1850X
1.02	Power unit		Electric
1.03	Operation		Standing on
1.04	Rated load capacity	Q (kg)	1800
1.05	Load centre	c (mm)	500
1.06	Axle centre to fork face	x (mm)	375
1.07	Wheelbase	y (mm)	1618
1.08	Service weight with battery	kg	3870

2 Wheels / Tyres

2.01	Wheels type		Polyurethane (PU)
2.02	Driving wheel size	$\Phi \times w$ (mm)	$\Phi 343 \times 132$
2.03	Rear wheel size	$\Phi \times w$ (mm)	$\Phi 125 \times 82$
2.04	Wheels, number front/rear (x = driven)		1x, 2/4
2.05	Front track width	b10 (mm)	735
2.06	Rear track width	b11 (mm)	1260

3 Dimensions

3.01	Mast/fork carriage tilt, forward/backward	a/b (°)	2/4
3.02	Height of mast, lowered	h1 (mm)	2449
3.03	Free lift	h2 (mm)	1350
3.04	Lift	h3 (mm)	5000
3.05	Height of mast, extended	h4 (mm)	6120
3.06	Height of overhead guard (cabin)	h6 (mm)	2386
3.07	Fork height, lowered	h13 (mm)	50
3.08	Overall length	l1 (mm)	2597
3.09	Length to fork face	l2 (mm)	1527
3.10	Overall width	b1/b2 (mm)	1120/1390
3.11	Fork dimensions	s/e/l (mm)	40/120/1070
3.12	Width of forks	b5 (mm)	240–910
3.13	Distance between support arms/loading surfaces	b4 (mm)	1130
3.14	Reach distance	l4 (mm)	570
3.15	Min. ground clearance	m2 (mm)	46
3.16	Aisle width with pallet 1000 × 1200 across forks	Ast (mm)	2970
3.17	Aisle width with pallet 800 × 1200 along forks	Ast (mm)	3020
3.18	Min. turning radius	Wa (mm)	1905
3.19	Length across wheel arms	l7 (mm)	2074

4 Performance

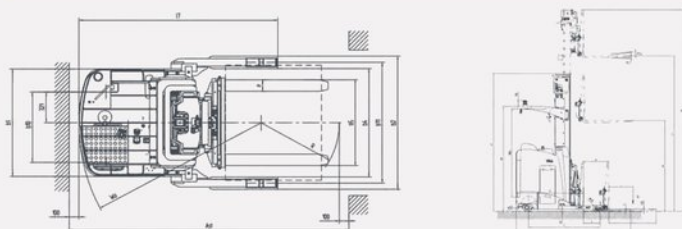
4.01	Travel speed, laden/unladen	km/h	9/9.5
4.02	Lifting speed, with/without load	mm/s	190/240
4.03	Lowering speed, with/without load	mm/s	300/340
4.04	Reach speed, laden/unladen	mm/s	100/110
4.05	Max. climbing ability, with/without load	%	6/10
4.06	Service brake		Electromagnetic

5 Motor / Battery

5.01	Drive motor, 60 minute rating	kW	6
5.02	Lift motor rating at S3 15%	kW	11
5.03	Battery voltage/rated capacity	V/Ah	48/420
5.04	Battery weight (±5%)		700

6 Other

6.01	Type of drive control		AC speed control
6.02	Noise level at operator's ear	dB(A)	≤ 75



Dimension Drawings

Symbols correspond to the units column above.