

CQE15S

ELECTRIC SCISSOR LIFT REACH TRUCK 1.5T

 1500 kg
  5500 mm
  24 V Lead Acid/Li-ion



The CQE15S is ideal for warehouses and distribution centers with high-density racking and limited aisle space. Its scissor fork system allows efficient pallet retrieval in deep racking layouts, where conventional reach trucks may struggle. The pedestrian design combined with a compact turning radius of 1700 mm makes it a reliable choice for tight spaces. Thanks to its proportional lifting and stable AC traction motor, it ensures safe and accurate load handling in logistics hubs, retail warehouses, and cold storage facilities with optional adaptations.

SPECIFICATION	REF	UNIT	VALUE
Manufacturer			CQE15S
Model designation			CQE15S
Battery voltage		V	24
Rated capacity	Q	kg	1500
Load centre distance	c	mm	600
Service weight		kg	1950
Height, mast lowered	h_1	mm	2100
Lift	h_3	mm	3200
Height, mast extended	h_4	mm	4134
Overall length	l_1	mm	2261
Overall width	b_1/b_2	mm	850/1060
Length to face of forks	l_2	mm	1191
Fork dimensions	s/e/l	mm	40/100/1070
Turning radius	Wa	mm	1600
Drive			Electric
Operator type			Pedestrian

Features

Scissor forks for deep racking

The CQE15S is equipped with scissor forks that allow operators to pick and stack pallets in deep racking systems, maximizing storage density and improving warehouse efficiency.



Turtle speed for precise maneuverability

With the turtle speed function, operators gain excellent control when navigating narrow aisles or performing delicate maneuvers, ensuring safety and smooth operation in tight environments.

Proportional lifting for accurate handling

The standard proportional lifting system guarantees gentle and precise load handling. This makes the CQE15S particularly suitable for stacking fragile, valuable, or sensitive products without risk of damage.



24V
205Ah

Li-ion
battery
option



Flexible battery solutions

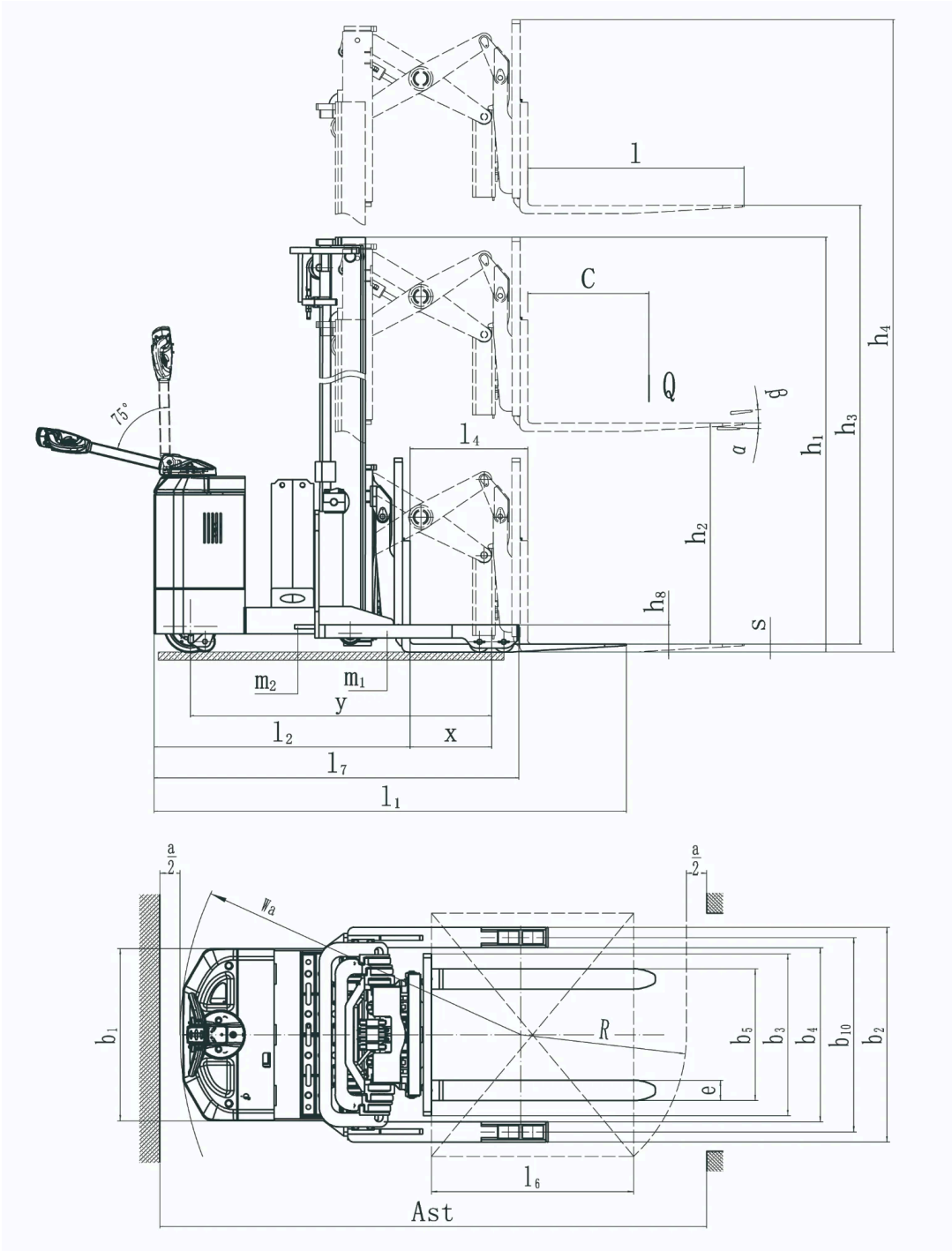
Delivered with a 24V/280Ah lead-acid battery as standard, the CQE15S also offers a 24V/205Ah Li-ion option. The Li-ion upgrade provides faster charging, no maintenance, and reliable performance for multi-shift operations.

VDI Chart

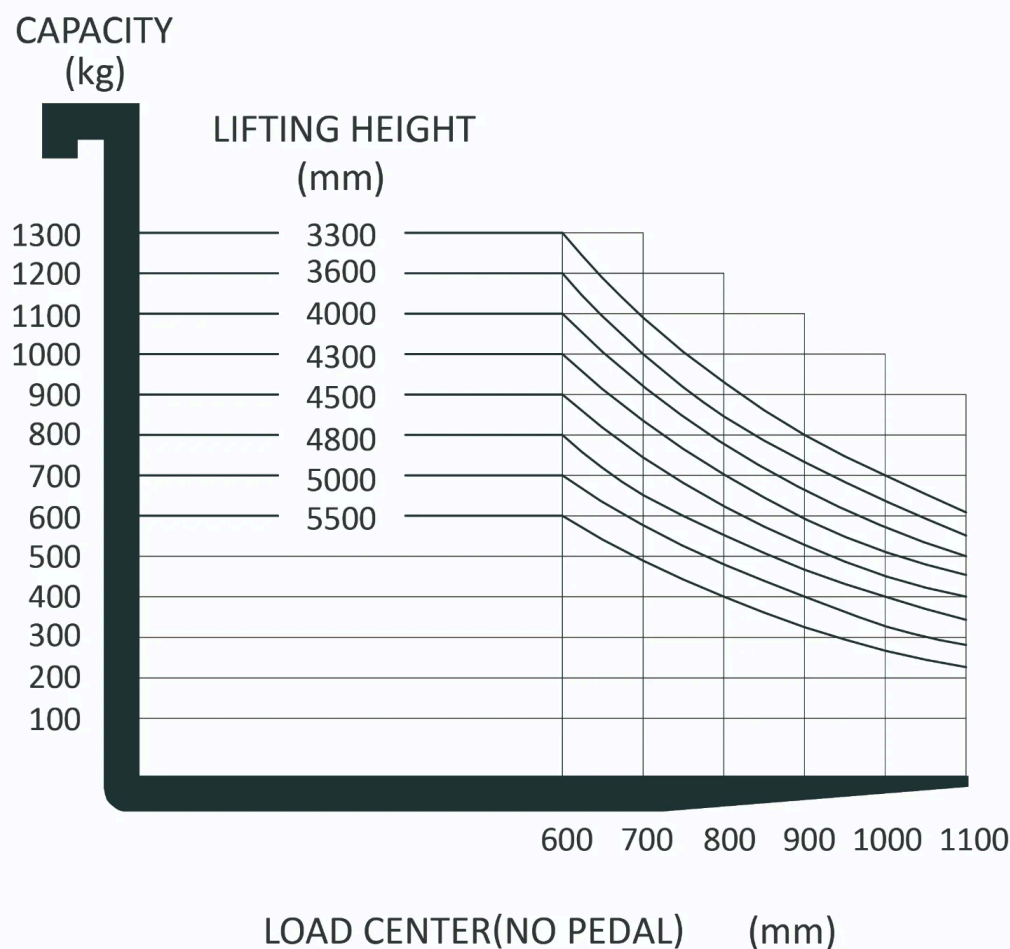
SPECIFICATION		REF	UNIT	VALUE
1.1	Manufacturer			CQE15S
1.2	Model designation			CQE15S
1.3	Drive			Electric
1.4	Operator type			Pedestrian
1.5	Rated capacity	Q	kg	1500
1.6	Load centre distance	c	mm	600
1.8	Load distance, centre of drive axle to fork	x	mm	409
1.9	Wheelbase	y	mm	1395
2.1	Service weight		kg	1950
2.2	Axle loading, laden front/rear		kg	1220/2380
2.3	Axle loading, unladen front/rear		kg	1330/650
3.1	Tyres			Polyurethane
3.2	Tyre size, front		mm	Φ260× 105
3.3	Tyre size, rear		mm	Φ102× 73
3.4	Additional wheels (castor wheels)		mm	/
3.5	Wheels, number front/rear (x=drive wheels)			1×/4
3.7	Tread width, rear	b ₁₁	mm	960
4.1	Tilt of mast/fork carriage forward/backward	α/β	°	3/3
4.2	Height, mast lowered	h ₁	mm	2100
4.3	Free lift	h ₂	mm	160
4.4	Lift	h ₃	mm	3200
4.5	Height, mast extended	h ₄	mm	4134

	SPECIFICATION	REF	UNIT	VALUE
4 . 10	Height of wheel arms		mm	135
4 . 19	Overall length	l_1	mm	2261
4 . 20	Length to face of forks	l_2	mm	1191
4 . 21	Overall width	b_1/b_2	mm	850/1060
4 . 22	Fork dimensions	s/e/l	mm	40/100/1070
4 . 23	Fork carriage ISO 2328, class/type A, B			2A
4 . 24	Fork carriage width		mm	800
4 . 25	Distance between fork-arms	b_5	mm	200-710
4 . 26	Distance between wheel arms/loading surfaces			860
4 . 31	Ground clearance, laden, below mast		mm	70
4 . 32	Ground clearance, centre of wheelbase	m_2	mm	90
4 . 34 . 1	Aisle width for pallets 1000×1200 crossways	Ast	mm	2653
4 . 34 . 2	Aisle width for pallets 800 × 1200 lengthways	Ast	mm	2700
4 . 35	Turning radius	Wa	mm	1600
5 . 1	Travel speed, laden/unladen		km/h	5.5/6
5 . 2	Lift speed, laden/unladen		m/s	0.145/0.170
5 . 3	Lowering speed, laden/unladen		m/s	0.25/0.15
5 . 8	Max. gradeability, laden/unladen		%	6/10
5 . 10	Service brake			Electromagnetic
5 . 11	Parking brake			Electromagnetic
6 . 1	Drive motor rating S2 60 min		kW	3.3
6 . 2	Lift motor rating at S3 15%		kW	4
6 . 4 . 1	Battery voltage		V	24
6 . 4 . 2	Battery nominal capacity K5		Ah	280
6 . 4 . 3	Battery type			Lead Acid/Li-ion
6 . 5	Battery weight		kg	230
8 . 1	Type of drive unit			AC
10 . 5	Steering design			Electronic
10 . 7	Sound pressure level at the driver's seat		dB(A)	74

Subject to modification of specifications and designs without prior notice as part of continuous product improvement. Images and technical data shown may include optional features and are provided for reference only. All dimensions are subject to standard manufacturing tolerances.



RATED CAPACITIES GRAPH



Mast Options

MAST TYPE	LIFT HEIGHT (H3, MM)	MAST LOWERED HEIGHT (H1, MM)	MAST EXTENDED HEIGHT, NO BACKREST (H4, MM)	FREE LIFT HEIGHT, WITH BACKREST (H2, MM)
2-Standard Mast	2700	1860	3535	160
2-Standard Mast	3200	2100	4134	160
3-Free Mast	4000	1960	4955	1000
3-Free Mast	4500	2130	5455	1170
3-Free Mast	4800	2230	5760	1270
3-Free Mast	5000	2295	5960	1335
3-Free Mast	5500	2460	6460	1500

Options

ITEM	OPTIONS (optional items marked in yellow)
Fork dimension	900*600 2A 100*40*1070 900*600 2A 100*40*920 900*600 2A 100*40*1150 900*600 2A 100*40*1220 900*600 2A 100*40*1370 No
Leg width	860 900 1070 1170 1220 1270
Fork carriage width option	780mm 915mm 985mm
Load wheel type	Double Single
Load wheel material	PU
Drive wheel material	PU
Battery capacity	205Ah-Li 24V280Ah 24V345Ah No
Charger	24V-30A-External 24V-50A-Li External 24V-100A-Li External No 24V-50A-External
Battery indicator	With hourmeter (Bluetooth)
Castor wheels	No Yes and not customized
Buzzer	Yes and not customized
Telematics	No Yes and not customized
Battery side pull function	No Yes and not customized
Proportional lift system	Yes
Forks tilt forward and backward	Yes
Battery side pull attachment	No Yes and not customized
AS/NZS function package	No Yes and not customized
Turn speed control	Yes and not customized
Lifting electronic limit	Yes
Foldable pedals	No Yes and not customized