H series Reach Truck specification

General	1	Manufacture			EP								
	2	Model			CQD12H	CQD12H-C1	CQD14H	CQD14H-C1	CQD16H	CQD16H-C1	CQD20H	CQD20H-C1
	3	Power type			Battery							
	4	Rated capacity		lbs	2600	2600	3000	3000	3500	3500	4000	4000
	5	Load center		inch	24	24	24	24	24	24	24	24
Dimensions	6	Lift height		inch	118	118	118	118	118	118	118	118
	7	Free lift height		inch	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
	8	Fork size	L×W×T	inch	36.2*3.94*1.38	36.2*3.94*1.38	36.2*3.94*1.38	36.2*3.94*1.38	36.2*3.94*1.38	36.2*3.94*1.38	36.2*3.94*1.38	36.2*3.94*1.38
	9	Fork spread(ourside)	Min./Max.	inch	8.7/35.3	8.7/35.3	8.7/35.3	8.7/35.3	8.7/35.3	8.7/35.3	8.7/35.3	8.7/35.3
	10	Mast tilt range	F/R	deg	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
	11	Axle center to fork face		inch	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
	12	"Overall dimensions"	Length to face of fork	inch	70.9	70.9	70.9	70.9	70.9	70.9	74.1	74.1
	13		Overall width	inch	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
	14		Mast lowered height	inch	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
	15		Mast extend height	inch	140.4	140.4	140.4	140.4	140.4	140.4	140.4	140.4
	16		Overhead guard height	inch	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
	17	Turning radius(outside)		inch	65.9	65.9	65.9	65.9	65.9	65.9	69.1	69.1
	18	Min.right angle stacking aisle width(Ast)	pallet:W*B=1200*1000	inch	111.2	111.2	111.2	111.2	111.2	111.2	114.4	114.4
	19		pallet:W*B=800*1001	inch	102.4	102.4	102.4	102.4	102.4	102.4	106.3	106.3
Perfor mance	20	Speed	Travel	mile/h	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4
	21		Lifting(Full load)	inch/sec	10.2	10.2	10.2	10.2	8.7	8.7	8.3	8.3
	22	Extend distance		inch	23.7	23.7	23.7	23.7	21.3	21.3	21.3	21.3
	23	Max. gradeability(Full load)		%	10	10	10	10	10	10	10	10
	24	Self weight		lbs	6270	6270	6270	6270	6600	6600	7150	7150
Wheels&tires	25	Wheel(diameter*width	Front	inch	11.2*3.94	11.2*3.94	11.2*3.94	11.2*3.94	11.2*3.94	11.2*3.94	13.5*4.25	13.5*4.25
	26		Rear	inch	13.5*4.49	13.5*4.49	13.5*4.49	13.5*4.49	13.5*4.49	13.5*4.49	13.5*4.49	13.5*4.49
	27	Wheelbase		inch	55.9	55.9	55.9	55.9	55.9	55.9	59.1	59.1
	28	Grund clearance		inch	2.76	2.76	2.76	2.76	2.76	2.76	2.76	2.76
Drive units&control	29	Battery	Model		D-400B	D-400B	D-400B	D-400B	D-500B	D-500B	D-500B	D-500B
	30		Voltage/Capacity(5HR)	V/AH	48/400	48/400	48/400	48/400	48/500	48/500	48/500	48/500
	31		Weight(with box)	lbs	1672	1672	1672	1672	1980	1980	1980	1980
	32	Electric motors	Drive Model		XQ-5H-1	YDQ-5.5-4	XQ-5H-1	YDQ-5.5-4	XQ-5H-1	YDQ-5.5-4	XQ-5H-1	YDQ-5.5-4
	33		Drive Rated output/r.p.m	hp	7.2/1680	7.4/1680	7.2/1680	7.4/1680	7.2/1680	7.4/1680	7.2/1680	7.4/1680
	34		Load Model		XQD-7.5-2H	YDB12.8-4	XQD-7.5-2H	YDB12.8-4	XQD-7.5-2H	YDB12.8-4	XQD-7.5-2H	YDB12.8-4
	35		Load Rated output/r.p.m	hp	10.1/2000	17.1/2000	10.1/2000	17.1/2000	10.1/2000	17.1/2000	10.1/2000	17.1/2000
	36	Control	Manufacture		CURTIS	CURTIS	CURTIS	CURTIS	CURTIS	CURTIS	CURTIS	CURTIS
	37		Type		MOSEFET	MOSEFET	MOSEFET	MOSEFET	MOSFET	MOSEFET	MOSFET	MOSEFET
	38	Operating pressure	For attachments	MPa	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5

1.Specical lifting height available (2.7,3.5,3.6,4.3,4.5,4.8,5.5,6.6.5,7.7.5m/106,138,142,158,169,177,189,197,216,236,256,276,295inch)
2.Attachment is available. 3.Battery charger is abailable. 4.The specifications in this table are for standerd models.
5.Specification are subject to change without notice. 6.For fruther information please contact us. 7.C1 means curtis AC controller.

H series Reach Truck specification

Type	Model	Mast fork height	Overall height		Free lift	Tilt range		Capacity			
			Lowered	Extended With backrest	Without backrest	FWD	RWD	Load capacity at 24 inch CQD12H CQD12H-C1	CQD14H CQD14H-C1	CQD16H CQD16H-C1	CQD20H CQD20H-C1
		inch	inch	inch	inch	Deg	Deg	lbs	lbs	lbs	lbs
Wide view mast	1.4QM	106	75.8	128.5	13.4	2	4	2600	3000	3500	4400
		118	81.7	140.4	13.4	2	4	2600	3000	3500	4400
		130	87.6	152.2	13.4	2	4	2600	3000	3500	4400
		138	91.5	160.0	13.4	2	4	2600	3000	3500	4400
		142	93.5	164.0	13.4	2	4	2600	3000	3500	4400
		158	103.3	160.0	13.4	2	4	2600	3000	3500	4400
		169	109.8	191.5	13.4	2	4	2600	3000	3500	4400
		177	114.2	199.4	13.4	2	4	2600	3000	3500	4400
Wide view full free 3-stage mast	1.4QN	169	82.1	192.9	59.1	2	4	2600	3000	3500	4400
		177	85.2	200.8	59.1	2	4	2600	3000	3500	4400
		189	89.2	212.6	63.0	2	4	2600	3000	3500	4400
		197	91.1	220.5	66.9	2	4	2600	3000	3500	4400
		216	98.0	240.2	72.8	1	3	2420	2860	3300	4180
		236	104.9	259.8	78.7	1	3	2200	2640	3080	3960
		256	110.8	279.5	86.6	0.5	2	1980	2420	2860	3520
		276	117.1	299.2	93.7	0.5	2	1870	2200	2640	3080
		295	123.8	318.9	100.0	0.5	1	1650	1980	2420	2640
		315	130.3	352.4	92.9	2	5	1322	1322	1542	2203

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Customization is available
Products and specifications are subject to be changed without notice

Standard Feature
- PU drive wheel & support wheel
- high capacity storage battery
- Emergency disconnect switch
- 3 Spools control valve
- AM rest,head protector
- High elastic seat
- Drive,lift,steering controlled
- LED instrument and LCD hour meter
- 3m/118inch 2-stage mast
- Adjustable steering column
- Front head lamp
- CURTIS MOSFET chopper controller
- Separated Excited Motor

Optional Feature
- AC drive system
- 4 spools control valve
- 4.3-7.5m/169-295inch 3-stage mast
- 2.7-4.5m/106-177inch 2-stage mast
- With attachment
- Fast battery-charge system
- High capacity battery
- Front wheel protect cover
- Higher or wider backrest

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East Power

EP electric Reach Truck-H series

H series 1.2/1.4/1.6/2.0 ton Electric Reach Truck

The Reach Trucks are used wherever the space is confined and where heavy loads need to be raised to high lift heights.

1. The drive's compartment, through generous dimensioning, provides the driver with a comfortable body position. The excellent all-around visibility and the low noise level ease the operation.

2. The operator compartment has incorporate controls for hydraulic functions, direction control, horn, lights and handbrake, all within convenient reach of the operator. Padded armrest, rubber floor mat and resin coated control knobs ensure comfort for daylong operation. The tilt of the steering column can be freely adjusted to any degree.

3. Curtis is made of Multi-function instrument, together with the multi display monitor provide information and function input for the operator to allow optimum perfrmance and operator confidence.

4. Drive and hydraulic control fitted as standard. MOSFET CHOPPER, Power transistors with high impulse frequencies control the motor in an energy saving and noiseless manner. The drive control provides a jerk-free start and a strong acceleration. Adjustable energy feedback on releasing the drive pedal through regenerative braking.

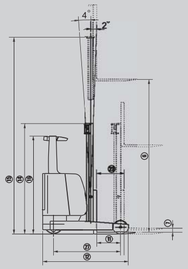
5. The chassis design and steering geometry provide an outstanding turning radius of 1675mm and reach stroke of 602mm (1.4 ton model). The steering angle of 90˚ in each direction enhances maneuverability. These specifications ensure improved safety clearances in confined spaced with high loading.

6. Low noise, less pollution and energy saving, these features match up with environment protection requirement.

7. Drive and electronics cover can be opened quickly and easily for servicing and maintenance work. The service access door on the truck provides excellent access to the major service components.

Motor, drive gearbox, pumps, brakes and steering are easily accessible.

8. Multiple benefits of the AC power System include: fast response to operating commands, precise power control, compact components. Moreover, since the AC motor does not use contactors and brushes, these maintenance items will no longer be required. Operator will be able to feel the difference by the truck's new design and performance.



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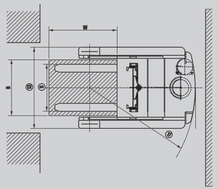

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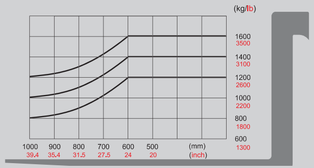

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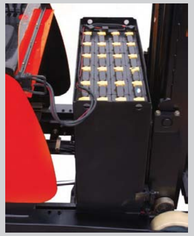

H series Reach Truck specification

General	1	Manufacture			EP						
	2	Model			CQD12H	CQD12H-C1	CQD14H	CQD14H-C1	CQD16H	CQD16H-C1	CQD20H	CQD20H-C1
	3	Power type			Battery							
	4	Rated capacity		Kg	1200	1200	1400	1400	1600	1600	2000	2000
	5	Load center		mm	600	600	600	600	600	600	600	600
Dimensions	6	Lift height		mm	3000	3000	3000	3000	3000	3000	3000	3000
	7	Free lift height		mm	340	340	340	340	340	340	340	340
	8	Fork size	L×W×T	mm	920*100*35	920*100*35	920*100*35	920*100*35	920*100*35	920*100*35	920*100*35	920*100*35
	9	Fork spread(ourside)	Min./Max.	mm	220/896	220/896	220/896	220/896	220/896	220/896	220/896	220/896
	10	Mast tilt range	F/R	deg	2/4	2/4	2/4	2/4	2/4	2/4	2/4	2/4
	11	Axle center to fork face		mm	390	390	390	390	390	390	390	390
	12	"Overall dimensions"	Length to face of fork	mm	1802	1802	1802	1802	1802	1802	1802	1802
	13		Overall width	mm	1240	1240	1240	1240	1240	1240	1240	1240
	14		Mast lowered height	mm	2100	2100	2100	2100	2100	2100	2100	2100
	15		Mast extend height	mm	3565	3565	3565	3565	3565	3565	3565	3565
	16		Overhead guard height	mm	2075	2075	2075	2075	2075	2075	2075	2075
	17	Turning radius(outside)		mm	1675	1675	1675	1675	1675	1675	1675	1675
	18	Min.right angle stacking aisle width(Ast)	pallet:W*B=1200*1000	mm	2825	2825	2825	2825	2825	2825	2825	2825
	19		pallet:W*B=800*1001	mm	2600	2600	2600	2600	2600	2600	2600	2600
Perfor mance	20	Speed	Travel	Km/h	10.2	10.2	10.2	10.2	10.2	10.2	10.2	10.2
	21		Lifting(Full load)	mm/sec	260	260	260	260	260	260	260	260
	22	Extend distance		mm	602	602	602	602	542	542	542	542
	23	Max. gradeability(Full load)		%	10	10	10	10	10	10	10	10
	24	Self weight		Kg	2850	2850	2850	2850	3000	3000	3250	3250
Wheels&tires	25	Wheel(diameter*width	Front	mm	285*100	285*100	285*100	285*100	285*100	285*100	343*108	343*108
	26		Rear	mm	343*114	343*114	343*114	343*114	343*114	343*114	343*114	343*114
	27	Wheelbase		mm	1420	1420	1420	1420	1420	1420	1500	1500
	28	Grund clearance		mm	70	70	70	70	70	70	70	70
Drive units&control	29	Battery	Model		D-400B	D-400B	D-400B	D-400B	D-500	D-500	D-500	D-500
	30		Voltage/Capacity(5HR)	V/AH	48/400	48/400	48/400	48/400	48/500	48/500	48/500	48/500
	31		Weight(with box)	kg	760	760	760	760	900	900	900	900
	32	Electric motors	Drive Model		XQ-5H-1	YDQ-5.5-4	XQ-5H-1	YDQ-5.5-4	XQ-5H-1	YDQ-5.5-4	XQ-5H-1	YDQ-5.5-4
	33		Drive Rated output/r.p.m	KW	5.4/1680	5.5/1680	5.4/1680	5.5/1680	5.4/1680	5.5/1680	5.4/1680	5.5/1680
	34		Load Model		XQD-7.5-2H	YDB12.8-4	XQD-7.5-2H	YDB12.8-4	XQD-7.5-2H	YDB12.8-4	XQD-7.5-2H	YDB12.8-4
	35		Load Rated output/r.p.m	KW	7.5/2000	12.8/2000	7.5/2000	12.8/2000	7.5/2000	12.8/2000	7.5/2000	12.8/2000
	36	Control	Manufacture		CURTIS	CURTIS	CURTIS	CURTIS	CURTIS	CURTIS	CURTIS	CURTIS
	37		Type		MOSFET	MOSFET	MOSFET	MOSFET	MOSFET	MOSFET	MOSFET	MOSFET
	38	Operating pressure	For attachments	MPa	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5

1.Specical lifting height available (2.7,3.5,3.6,4.4,3.4,5.4,4.8,5.5,5.6,6.5,7.7,7.5m/106,138,142,158,169,177,189,197,216,236,256,276,295inch)
2.Attachment is available. 3.Battery charger is abailable. 4.The specifications in this table are for standerd models.
5.Specification are subject to change without notice. 6.For fruther information please contact us. 7.C1 means curtis AC controller.

H series Reach Truck specification

Type	Model	Mast fork height	Overall height		Free lift	Tilt range		Capacity			
			Lowered	Extended With backrest	Without backrest	FWD	RWD	Load capacity at 600 mm CQD12H CQD12H-C1	CQD14H CQD14H-C1	CQD16H CQD16H-C1	CQD20H CQD20H-C1
		mm	mm	mm	mm	Deg	Deg	kg	kg	kg	kg
Wide view mast	1.4QM	2700	1925	3265	340	2	4	1200	1400	1600	2000
		3000	2075	3565	340	2	4	1200	1400	1600	2000
		3300	2225	3865	340	2	4	1200	1400	1600	2000
		3500	2325	4065	340	2	4	1200	1400	1600	2000
		3600	2375	4165	340	2	4	1200	1400	1600	2000
		4000	2625	4065	340	2	4	1200	1400	1600	2000
		4300	2790	4865	340	2	4	1200	1400	1600	2000
		4500	2900	5065	340	2	4	1200	1400	1600	2000
Wide view full free 3-stage mast	1.4QN	4300	2085	4900	1500	2	4	1200	1400	1600	2000
		4500	2165	5100	1500	2	4	1200	1400	1600	2000
		4800	2265	5400	1600	2	4	1200	1400	1600	2000
		5000	2315	5600	1700	2	4	1200	1400	1600	2000
		5500	2490	6100	1850	1	3	1100	1300	1500	1900
		6000	2665	6600	2000	1	3	1000	1200	1400	1800
		6500	2815	7100	2200	0.5	2	900	1100	1300	1600
		7000	2975	7600	2380	0.5	2	850	1000	1200	1400
		7500	3145	8100	2540	0.5	1	750	900	1100	1200
		8000	3310	8950	2360	2	5	600	600	700	1000

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