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Electric forklift pioneer of China
One stop warehouse equipment manufacturer
Global intralogistics service provider



Lift, no limit



Introduction

The core values of EP are integration resources, demand fulfillment and Growing together. Over the decades, EP has played a key role in material handling and warehouse equipment industry of China.

Focus on the environment, the earth and our common home has always been EP's social commitment. EP will constantly develop new warehouse equipments to meet market demand through innovation and new technology.

Meeting market demand is what motivates EP. To meet various customer need, EP not only offers a full range of warehouse and material handling equipment, but also building a international technology service platform with a team of EP experts which provides professional service and values for customers.

Let's grow together!

Company positioning

- Electric forklift pioneer of China
- One stop warehouse equipment manufacturer
- Global intralogistics service provider

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1.3-2.0t
Three-wheel Electric Forklift

EP EQUIPMENT CO.,LTD.
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Performance

Driving Motor

- 1, Advanced AC driving motor has high traction power and driving dynamics, whether on uneven ground or when working on ramps.
- 2, The maintenance-free and highly efficient AC motor guarantee a long battery operating life.
- 3, Dust and water jet protection.
- 4, Two independent double heavy duty drive unit gears are constantly lubricated in an oil bath, and is quiet and reliable, providing years of trouble-free service.

AC Controller

- 1, Regenerative braking increase the useful time of battery.
- 2, AC technology on traction and lifting allows the truck to work more reliably and for longer shifts.
- 3, The intelligent programmable LCD could display the fault code, keep operator and service engineer aware of any problems, speed up servicing and help prevent damage.

Brake

- 1, Maintenance-free braking system makes braking safe and comfortable.
- 2, Motor brake for regenerative braking during deceleration.
- 3, Automatically engaging parking brake for secure stopping, even on ramps.
- 4, Long service life of wet disc brake.

Hydraulics

- 1, Powerful AC hydraulic motor provides high torque for rapid but smooth-and controlled-lifting and lowering.

Steering System

- 1, The main hydraulic pump delivers on-demand power steering when steering is requested, makes low battery consumption.
- 2, Two drive motor matches to the controller to deliver smooth steering at all angles, this helps the truck to accelerate, turn and manoeuvre even from a full turn start position.

Mast

- 1, High strength steel mast sections with combined mast rollers are constructed for low mast deflection and high rigidity.
- 2, Cylinders are placed behind the rails to create a wide view.
- 3, Flow limiting control valves regulate carriage lowering speed, even in the event of a hose failure.
- 4, Full I-section mast channel provide maximum section strength.

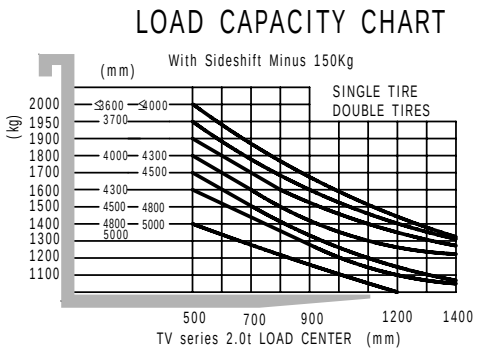
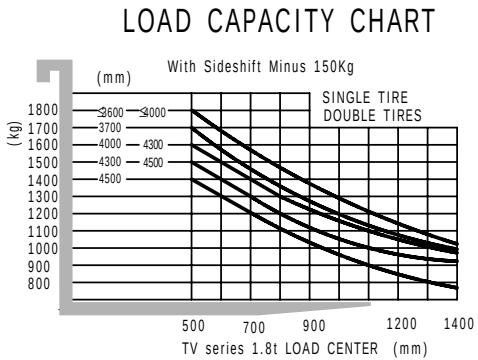
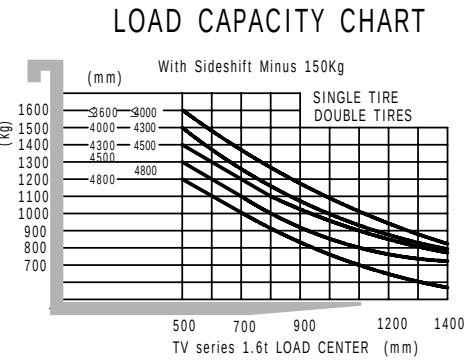
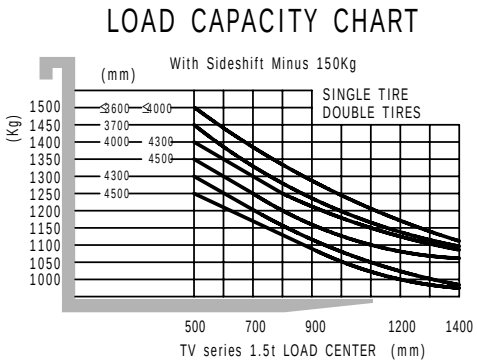
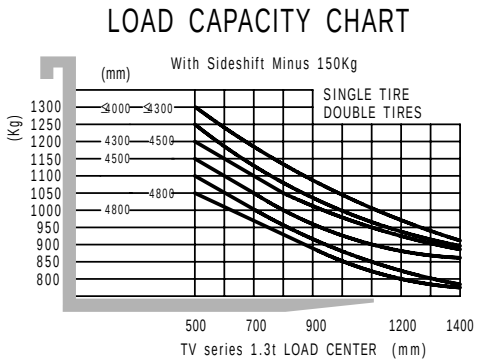
Operability & Safety

- 1, Spacious driving room.
- 2, Steering wheel could be adjusted with big angle to fit operator's need.
- 3, Dual driving motor, offers great manoeuvrability.
- 4, Control lever is unique designed by ergonomics, closer to operator and easy for operation.
- 5, Reasonable layout of instrument, provides operator with a fully observation on traveling state.
- 6, Large pedal space, long handrail and unique down handrail design, ensure operator up and down very easily and safely.
- 7, Specially designed Side handrail , makes it safer when reversing truck.
- 8, Spacious and comfortable seat with buffering function.
- 9, Large arc rear-view mirror with wide view.
- 10, Wide view mast, increases operation efficiency.
- 11, Emergency pause button is right beside operator's hand, can be immediately cut off in shortest time.



Serviceability

- 1, Reasonable layout of driving motor, pump motor and brake pedal, optimized oil pipe arrangement and easily removed footrest, make it easy to test, repair and replace.
- 2, Easily removed side frame cover of battery box, and the battery cover opening without removing multi valve, makes maintenance easily for battery.
- 3, Easy access to brake fluid reservoir for replenishment when necessary.
- 5, AC Drive Motor, brushless, high reliability and performance and drastically reduced maintenance time and labor.
- 6, American AMP connectors with top quality, prevents moisture and contaminants from interrupting truck operation in all environments, plus all the wires and cables reliably protected and fixed, greatly reduces the electrical error.
- 7, Opening Foot board without any tools, make it easy to check motor, etc.



V Series 3-wheel Electric Forklift 1.3-2.0t

Characteristics						
1.1	Manufacturer		EP	EP	EP	EP
1.2	Model designation		CPD13TV	CPD15TV	CPD16TV	CPD18TV
1.3	Drive unit		Battery	Battery	Battery	Battery
1.4	Operator type		Rider seated	Rider seated	Rider seated	Rider seated
1.5	Load capacity	Q (kg)	1300	1500	1800	2000
1.6	Load center	c (mm)	500	500	500	500
1.8	Load distance	x (mm)	397.5	397.5	397.5	397.5
1.9	Wheelbase	y (mm)	1258	1258	1358	1468
Weights						
2.1	Service weight	kg	3050	3100	3150	3375
2.2	Axle loading, laden front/ rear	kg	3810/350	4215/335	4385/315	4640/320
2.3	Axle loading, unladen front/ rear	kg	1470/1390	1570/1480	1585/1515	1620/1540
Wheels, Chassis						
3.1	Tyre type		Solid tyre	Solid tyre	Solid tyre	Solid tyre
3.2	Tyre size, front		18X7-8	18X7-8	18X7-8	18X7-8
3.3	Tyre size, rear		15X4.5-8	15X4.5-8	15X4.5-8	15X4.5-8
3.5	Wheels, number front/ rear (x=drive wheels)		2x/ 2	2x/ 2	2x/ 2	2x/ 2
3.6	Tread, front	b10 (mm)	902	902	902	902
3.7	Tread, rear	b11 (mm)	175	175	175	175
Dimensions						
4.1	Mast/ fork carriage tilt, forward/ backward	a/ β (°)	6/6.5	6/6.5	6/6.5	6/6.5
4.2	Height, mast lowered	h1 (mm)	1995	1995	1995	1995
4.3	Free lift	h2 (mm)	120	120	120	120
4.4	Lift height	h3 (mm)	3000	3000	3000	3000
4.5	Height, mast extended	h4 (mm)	3945	3945	3945	3945
4.7	Height of overhead guard (cabin)	h6 (mm)	2040	2040	2040	2040
4.8	Seat height	h7 (mm)	855	855	855	855
4.12	Tow coupling height	h10 (mm)	475	475	475	475
4.19	Overall length	l1 (mm)	2750	2750	2850	2850
4.20	Length to face of forks	l2 (mm)	1830	1830	1930	1930
4.21	Overall width	b1/ b2 (mm)	1050	1050	1050	1050
4.22	Fork dimensions	s/ e/ l (mm)	40×100×920	40×100×920	40×100×920	40×100×920
4.24	Fork carriage width	b3 (mm)	1040	1040	1040	1040
4.31	Ground clearance, laden, below mast	m1 (mm)	105	105	105	105
4.32	Ground clearance, center of wheelbase	m2 (mm)	95	95	95	95
4.33	Aisle width, 1000×1200 pallet crossways	Ast (mm)	3217	3217	3314	3314
4.34	Aisle width, 800×1200 pallet lengthways	Ast (mm)	3036	3036	3133	3133
4.35	Outer turning radius	Wa (mm)	1445	1445	1555	1555
4.36	Inner turning radius	b13 (mm)	—	—	—	—
Performance						
5.1	Travel speed, laden/ unladen	km/ h	13/ 14	13/ 14	13/ 14	13/ 14
5.2	Lifting speed, laden/ unladen	m/ s	0.3/ 0.43	0.29/ 0.43	0.28/ 0.43	0.27/ 0.43
5.3	Lowering speed, laden/ unladen	m/ s	0.44/ 0.435	0.44/ 0.435	0.44/ 0.435	0.44/ 0.435
5.6	Maximum drawbar pull, laden/ unladen 5min.	N	—	—	—	—
5.8	Maximum gradeability, laden/ unladen 5min.	%	10.5/ 14.5	10.5/ 14.5	10.5/ 14.5	10.5/ 14.5
5.10	Service brake		Hydraulic/mechanical	Hydraulic/mechanical	Hydraulic/mechanical	Hydraulic/mechanical
Drive						
6.1	Drive motor rating S60 min.	kW	9	9	9	9
6.2	Lift motor rating at S15%	kW	11	11	11	11
6.4	Battery voltage/ rated capacity (5h)	V/ Ah	48/400	48/400	48/500	48/500
6.5	Battery weight	kg	635	635	753	753
	Battery dimensions l/ w/ h	mm	—	—	—	—
Others						
8.1	Type of drive control		—	—	—	—
	Drive system		AC	AC	AC	AC
	Manufacturer		ZAPI	ZAPI	ZAPI	ZAPI
8.2	Operating pressure for attachments	bar	14.5	14.5	14.5	14.5
8.4	Sound level at operator's ear	dB (A)	68	68	70	70

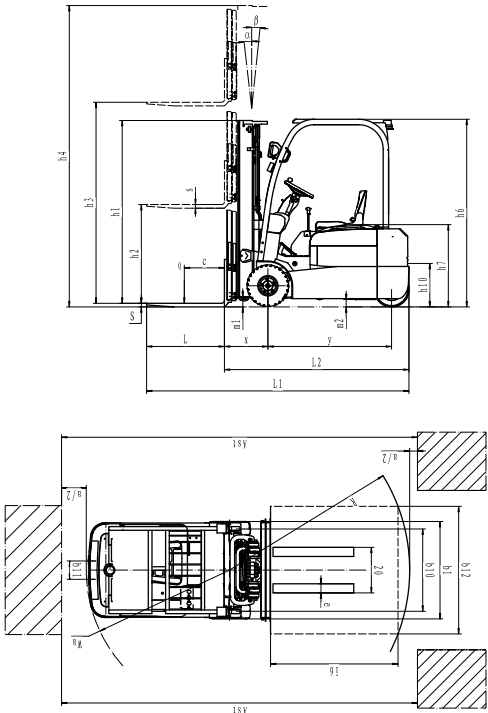
1. Specical lifting height available
2. Attachment available.
3. Battery charger available.
4. The specification in this table are for standard models only. For further information please contact us.
5. Specification are subject to change without notice.

1.3-2.0t TV series mast

Type																								
Model	Max. fork height	Overall height				Free lift		Front Overhang					Tilt range		Capacity									
		Lowered	Extended		Without backrest	With backrest	FWD						BWD	Load capacity at 500 mm										
			Without backrest	With backrest										Single tire					Wide tire					
								1.3t	1.5t	1.6t	1.8t	2.0t		1.3t	1.5t	1.6t	1.8t	2.0t						
								mm	mm	mm	mm	mm		mm	mm	mm	mm	mm	Deg	Deg	kg	kg	kg	kg
Wide view mast																								
2W200	2000	1495	2585	2955	120	120	375	375	375	375	375	6	6.5	1300	1500	1600	1800	2000	1300	1500	1600	1800	2000	
2W250	2500	1745	3085	3455	120	120	375	375	375	375	375	6	6.5	1300	1500	1600	1800	2000	1300	1500	1600	1800	2000	
2W270	2700	1845	3285	3655	120	120	375	375	375	375	375	6	6.5	1300	1500	1600	1800	2000	1300	1500	1600	1800	2000	
2W300	3000	1995	3585	3955	120	120	375	375	375	375	375	6	6.5	1300	1500	1600	1800	2000	1300	1500	1600	1800	2000	
2W330	3300	2145	3885	4255	120	120	375	375	375	375	375	6	6.5	1300	1500	1600	1800	2000	1300	1500	1600	1800	2000	
2W350	3500	2245	4085	4455	120	120	375	375	375	375	375	6	6.5	1300	1500	1600	1800	2000	1300	1500	1600	1800	2000	
2W360	3600	2295	4185	4555	120	120	375	375	375	375	375	6	6.5	1300	1500	1600	1800	2000	1300	1500	1600	1800	2000	
2W400	4000	2545	4585	4955	120	120	375	375	375	375	375	6	6.5	1300	1400	1500	1600	1800	1300	1500	1600	1800	2000	
2W430	4300	2695	4885	5255	120	120	375	375	375	375	375	6	6.5	1200	1300	1400	1500	1700	1300	1400	1500	1600	1800	
2W450	4500	2795	5085	5455	120	120	375	375	375	375	375	6	6.5	1150	1250	1350	1400	1600	1200	1350	1400	1500	1700	
wide view full 2-stage mast																								
2F250	2500	1790	3105	3455	1045	765	375	375	375	375	375	6	6.5	1300	1500	1600	1800	2000	1300	1500	1600	1800	2000	
2F270	2700	1890	3305	3655	1145	865	375	375	375	375	375	6	6.5	1300	1500	1600	1800	2000	1300	1500	1600	1800	2000	
2F300	3000	2040	3605	3955	1345	1105	375	375	375	375	375	6	6.5	1300	1500	1600	1800	2000	1300	1500	1600	1800	2000	
2F330	3300	2190	3905	4255	1495	1165	375	375	375	375	375	6	6.5	1300	1500	1600	1800	2000	1300	1500	1600	1800	2000	
2F360	3600	2340	4205	4555	1645	1315	375	375	375	375	375	6	6.5	1300	1500	1600	1800	2000	1300	1500	1600	1800	2000	
2F400	4000	2540	4605	4955	1815	1565	375	375	375	375	375	6	6.5	1200	1400	1500	1700	1900	1300	1500	1600	1800	2000	
wide view full 3-stage mast																								
3F430	4300	1965	5070	5255	1425	1080	395	395	395	395	395	6	6.5	1100	1250	1350	1450	1600	1200	1350	1500	1700	1900	
3F450	4500	2045	5130	5465	1485	1140	395	395	395	395	395	6	6.5	1050	1200	1300	1350	1500	1100	1300	1350	1450	1600	
3F480	4800	2160	5445	5755	1575	1230	395	395	395	395	395	6	6.5	1000	1100	1200	1250	1400	1050	1200	1250	1350	1500	
3F500	5000	2210	5605	5955	1665	1320	395	395	395	395	395	6	6.5	950	1050	1150	1150	1350	1000	1150	1200	1250	1400	
3F550	5500	2375	6120	6455	1825	1480	395	395	395	395	395	3	6	/	/	/	/	/	/	/	1100	1050	1350	
3F600	6000	2600	6695	6955	1975	1630	395	395	395	395	395	3	6	/	/	/	/	/	/	/	900	850	1150	

Note:With sideshifter minus 150Kg, with integral sideshifter minus 100Kg.

	Standard Features		Option
1	AC drive system	1	3 or 4 spools control valve
2	Front capacity storage battery	2	2.0-5.0m/79-197 inch duplex mast
3	Emergency disconnect switch	3	2.5-4.0m/98-157 inch full free duplex mast
4	Rubber floor mat	4	4.3-6.5m./169-256 inch triplex mast
5	High elastic seat	5	Special carriage and backrest
6	2 Spools control valve	6	Option fork
7	3 meters 2-stage mast	7	High capacity battery
8	Adjustable steering controlled	8	Rear combined LED lamp and front combined LED lamp
9	Rearview mirror	9	Special color
10	Drive, lift, steering controlled	10	Dual drive wheel with fender
11	Rear combined lamp	11	Solid tyre
12	Beeper	12	Non marking tyre
13	Toolbox and file folder	13	Cabin
14	Hour meter, self-diagnose indicator	14	Heater
		15	Side shifter
		16	Integrated side shifter
		17	Other attachment



1.3-2.0t
Three-wheel Electric Forklift
with finger-tip

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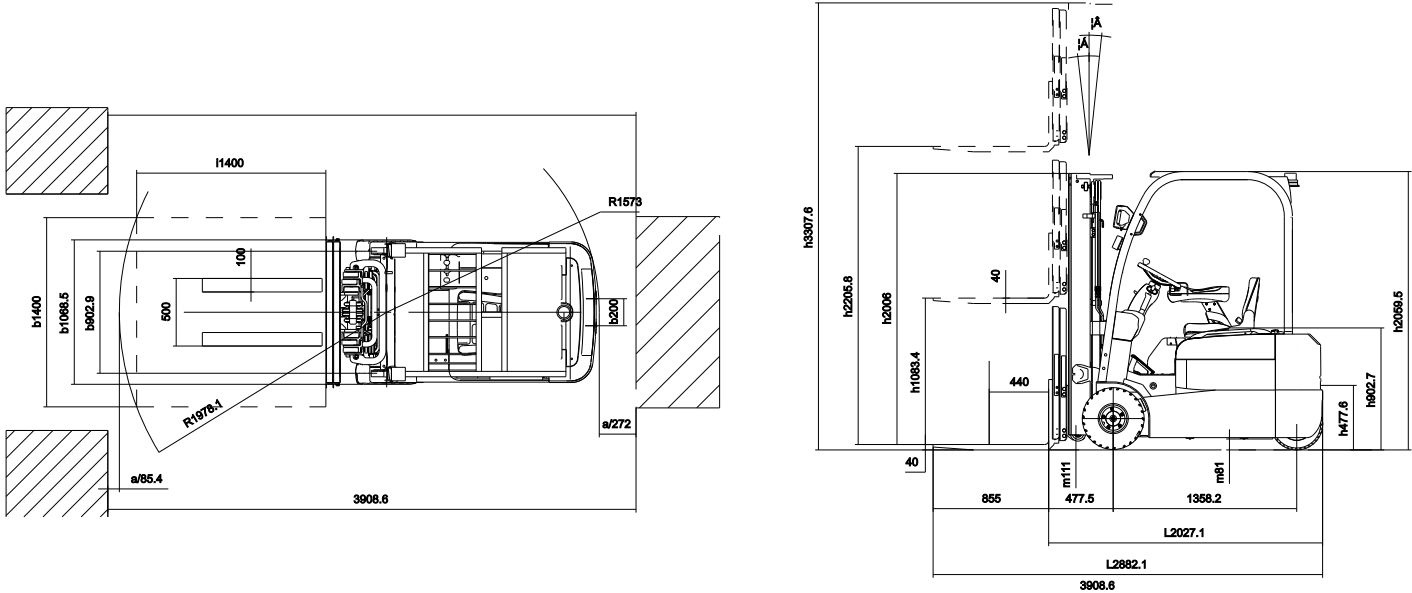


V Series 3-wheel Electric Forklift with finger-tip 1.3-2.0t

Characteristics						
1.1	Manufacturer		EP	EP	EP	EP
1.2	Model designation		CPD13TW	CPD15TW	CPD16TW	CPD18TW
1.3	Drive unit		Battery	Battery	Battery	Battery
1.4	Operator type		Rider seated	Rider seated	Rider seated	Rider seated
1.5	Load capacity	Q (kg)	1300	1500	1800	2000
1.6	Load center	c (mm)	500	500	500	500
1.8	Load distance	x (mm)	397.5	397.5	397.5	397.5
1.9	Wheelbase	y (mm)	1258	1258	1358	1468
Weights						
2.1	Service weight	kg	3050	3100	3150	3375
2.2	Axle loading, laden front/ rear	kg	3810/350	4215/335	4385/315	4640/320
2.3	Axle loading, unladen front/ rear	kg	1470/1390	1570/1480	1585/1515	1620/1540
Wheels, Chassis						
3.1	Tyre type		Solid tyre	Solid tyre	Solid tyre	Solid tyre
3.2	Tyre size, front		18X7-8	18X7-8	18X7-8	200X50-10
3.3	Tyre size, rear		15X4.5-8	15X4.5-8	15X4.5-8	15X4.5-8
3.5	Wheels, number front/ rear (x=drive wheels)		2x/ 2	2x/ 2	2x/ 2	2x/ 2
3.6	Tread, front	b10 (mm)	902	902	902	902
3.7	Tread, rear	b11 (mm)	175	175	175	175
Dimensions						
4.1	Mast/ fork carriage tilt, forward/ backward	a/ β (°)	6/6.5	6/6.5	6/6.5	6/6.5
4.2	Height, mast lowered	h1 (mm)	1995	1995	1995	1995
4.3	Free lift	h2 (mm)	120	120	120	120
4.4	Lift height	h3 (mm)	3000	3000	3000	3000
4.5	Height, mast extended	h4 (mm)	3945	3945	3945	3945
4.7	Height of overhead guard (cabin)	h6 (mm)	2040	2040	2040	2040
4.8	Seat height	h7 (mm)	855	855	855	855
4.12	Tow coupling height	h10 (mm)	475	475	475	475
4.19	Overall length	l1 (mm)	2750	2750	2850	3110
4.20	Length to face of forks	l2 (mm)	1830	1830	1930	2040
4.21	Overall width	b1/ b2 (mm)	1050	1050	1050	1050
4.22	Fork dimensions	s/ e/ l (mm)	40×100×920	40×100×920	40×100×920	40×120×1070
4.24	Fork carriage width	b3 (mm)	1040	1040	1040	1040
4.31	Ground clearance, laden, below mast	m1 (mm)	105	105	105	105
4.32	Ground clearance, center of wheelbase	m2 (mm)	95	95	95	95
4.33	Aisle width, 1000×1200 pallet crossways	Ast (mm)	3217	3217	3314	3420
4.34	Aisle width, 800×1200 pallet lengthways	Ast (mm)	3036	3036	3133	3240
4.35	Outer turning radius	Wa (mm)	1445	1445	1555	1665
4.36	Inner turning radius	b13 (mm)	—	—	—	—
Performance						
5.1	Travel speed, laden/ unladen	km/ h	13/ 14	13/ 14	13/ 14	13/ 14
5.2	Lifting speed, laden/ unladen	m/ s	0.28/ 0.42	0.27/ 0.42	0.26/ 0.42	0.25/ 0.42
5.3	Lowering speed, laden/ unladen	m/ s	0.44/ 0.435	0.44/ 0.435	0.44/ 0.435	0.44/ 0.435
5.6	Maximum drawbar pull, laden/ unladen S≥5 min.	N	—	—	—	—
5.8	Maximum gradeability, laden/ unladen S≥5 min.	%	10.5/ 14.5	10.5/ 14.5	10.5/ 14.5	10.5/ 14.5
5.10	Service brake		Hydraulic/mechanical	Hydraulic/mechanical	Hydraulic/mechanical	Hydraulic/mechanical
Drive						
6.1	Drive motor rating S60 min.	kW	9	9	9	9
6.2	Lift motor rating at S15%	kW	11	11	11	11
6.4	Battery voltage/ rated capacity (5h)	V/ Ah	48/400	48/400	48/500	48/500
6.5	Battery weight	kg	635	635	753	900
	Battery dimensions l/ w/ h	mm	—	—	—	—
Others						
8.1	Type of drive control		—	—	—	—
	Drive system		AC	AC	AC	AC
	Manufacturer		ZAPI	ZAPI	ZAPI	ZAPI
8.2	Operating pressure for attachments	bar	14.5	14.5	14.5	14.5
8.4	Sound level at operator's ear	dB (A)	68	68	70	74

1. Specical lifting height available
2. Attachment available.
3. Battery charger available.
4. The specification in this table are for standard models only. For further information please contact us.
5. Specification are subject to change without notice.

Tpye																							
Model	Max. fork height	Overall height			Free lift		Front Overhang					Tilt range		Capacity									
		Lowered	Extended		Without backrest	With backrest						FWD	BWD	Load capacity at 500 mm									
			Without backrest	With backrest			Single tire							Wide tire									
							1.3t	1.5t	1.6t	1.8t	2.0t			1.3t	1.5t	1.6t	1.8t	2.0t					
							mm	mm	mm	mm	mm			mm	mm	Deg	Deg	kg	kg	kg	kg	kg	kg
Wide view mast																							
2W200	2000	1495	2585	2955	120	120	375	375	375	375	375	6	6.5	1300	1500	1600	1800	2000	1300	1500	1600	1800	2000
2W250	2500	1745	3085	3455	120	120	375	375	375	375	375	6	6.5	1300	1500	1600	1800	2000	1300	1500	1600	1800	2000
2W270	2700	1845	3285	3655	120	120	375	375	375	375	375	6	6.5	1300	1500	1600	1800	2000	1300	1500	1600	1800	2000
2W300	3000	1995	3585	3955	120	120	375	375	375	375	375	6	6.5	1300	1500	1600	1800	2000	1300	1500	1600	1800	2000
2W330	3300	2145	3885	4255	120	120	375	375	375	375	375	6	6.5	1300	1500	1600	1800	2000	1300	1500	1600	1800	2000
2W350	3500	2245	4085	4455	120	120	375	375	375	375	375	6	6.5	1300	1500	1600	1800	2000	1300	1500	1600	1800	2000
2W360	3600	2295	4185	4555	120	120	375	375	375	375	375	6	6.5	1300	1500	1600	1800	2000	1300	1500	1600	1800	2000
2W400	4000	2545	4585	4955	120	120	375	375	375	375	375	6	6.5	1300	1400	1500	1600	1800	1300	1500	1600	1800	2000
2W430	4300	2695	4885	5255	120	120	375	375	375	375	375	6	6.5	1200	1300	1400	1500	1700	1300	1400	1500	1600	1800
2W450	4500	2795	5085	5455	120	120	375	375	375	375	375	6	6.5	1150	1250	1350	1400	1600	1200	1350	1400	1500	1700
wide view		full 2-stage mast																					
2F250	2500	1790	3105	3455	1045	765	375	375	375	375	375	6	6.5	1300	1500	1600	1800	2000	1300	1500	1600	1800	2000
2F270	2700	1890	3305	3655	1145	865	375	375	375	375	375	6	6.5	1300	1500	1600	1800	2000	1300	1500	1600	1800	2000
2F300	3000	2040	3605	3955	1345	1105	375	375	375	375	375	6	6.5	1300	1500	1600	1800	2000	1300	1500	1600	1800	2000
2F330	3300	2190	3905	4255	1495	1165	375	375	375	375	375	6	6.5	1300	1500	1600	1800	2000	1300	1500	1600	1800	2000
2F360	3600	2340	4205	4555	1645	1315	375	375	375	375	375	6	6.5	1300	1500	1600	1800	2000	1300	1500	1600	1800	2000
2F400	4000	2540	4605	4955	1815	1565	375	375	375	375	375	6	6.5	1200	1400	1500	1700	1900	1300	1500	1600	1800	2000
wide view		full 3-stage mast																					
3F430	4300	1965	5070	5255	1425	1080	395	395	395	395	395	6	6.5	1100	1250	1350	1450	1600	1200	1350	1500	1700	1900
3F450	4500	2045	5130	5465	1485	1140	395	395	395	395	395	6	6.5	1050	1200	1300	1350	1500	1100	1300	1350	1450	1600
3F480	4800	2160	5445	5755	1575	1230	395	395	395	395	395	6	6.5	1000	1100	1200	1250	1400	1050	1200	1250	1350	1500
3F500	5000	2210	5605	5955	1665	1320	395	395	395	395	395	6	6.5	950	1050	1150	1150	1350	1000	1150	1200	1250	1400
3F550	5500	2375	6120	6455	1825	1480	395	395	395	395	395	3	6	/	/	/	/	/	/	/	/	1100	1050
3F600	6000	2600	6695	6955	1975	1630	395	395	395	395	395	3	6	/	/	/	/	/	/	/	/	900	850





V Series | 1.5-
Four-wheel Electric Forklift

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Performance

Driving Motor

- 1, Advanced AC driving motor has high traction power and driving dynamics, whether on uneven ground or when working on ramps.
- 2, The maintenance-free and highly efficient AC motor guarantee a long battery operating life.
- 3, Dust and water jet protection.

AC Controller

- 1, Regenerative braking increase the useful time of battery.
- 2, AC technology on traction and lifting allows the truck to work more reliably and for longer shifts.
- 3, The controller are protected within the counterweight, the heat from controller is dissipated into the counterweight over a large area.
- 4, The intelligent programmable LCD could display the fault code, keep operator and service engineer aware of any problems, speed up servicing and help prevent damage.

Brake

- 1, Maintenance-free braking system makes braking safe and comfortable.
- 2, Motor brake for regenerative braking during deceleration.
- 3, Automatically engaging parking brake for secure stopping, even on ramps.
- 4, Long service life of wet disc brake.

Hydraulics

- 1, Powerful AC hydraulic motor provides high torque for rapid but smooth-and controlled-lifting and lowering.

Steering System

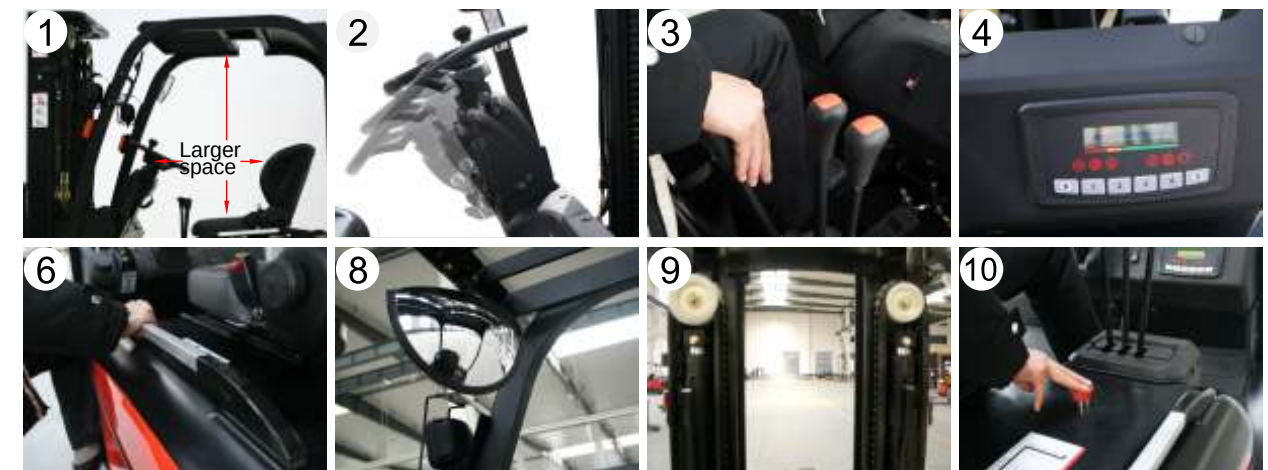
- 1, The main hydraulic pump delivers on-demand power steering when steering is requested, makes low battery consumption.

Mast

- 1, High strength steel mast sections with combined mast rollers are constructed for low mast deflection and high rigidity.
- 2, Cylinders are placed behind the rails to create a wide view.
- 3, Flow limiting control valves regulate carriage lowering speed, even in the event of a hose failure.

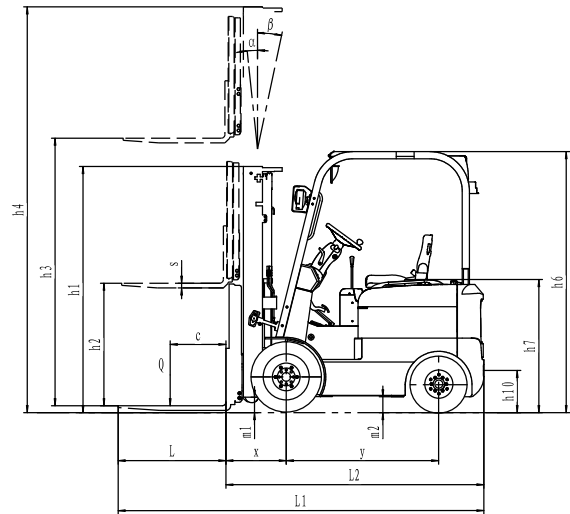
Operability & Safety

- 1, Spacious driving room.
- 2, Steering wheel could be adjusted with big angle to fit operator's need.
- 3, Control lever is unique designed by ergonomics, closer to operator and easy for operation.
- 4, Reasonable layout of instrument, provides operator with a fully observation on traveling state.
- 5, Large pedal space, long handrail and unique down handrail design, ensure operator up and down very easily and safely.
- 6, Specially designed Side handrail , makes it safer when reversing truck.
- 7, Spacious and comfortable seat with buffering function.
- 8, Large arc rear-view mirror with wide view.
- 9, Wide view mast, increases operation efficiency.
- 10, Emergency pause button is right beside operator's hand, can be immediately cut off in shortest time.



Serviceability

- 1, Reasonable layout of driving motor, pump motor and brake pedal, optimized oil pipe arrangement and easily removed footrest, make it easy to test, repair and replace.
- 2, Easily removed side frame cover of battery box, and the battery cover opening without removing multi valve, makes maintenance easily for battery.
- 3, Easy access to brake fluid reservoir for replenishment when necessary.
- 4, AC Drive Motor, brushless, high reliability and performance and drastically reduced maintenance time and labor.
- 5, American AMP connectors with top quality, prevents moisture and contaminants from interrupting truck operation in all environments, plus all the wires and cables reliably protected and fixed, greatly reduces the electrical error.
- 6, Opening Foot board without any tools, make it easy to check motor, etc.
- 7, Programmable and self-diagnosis intelligent LCD, displaying fault code, make easy for adjusting traveling settings.





1.5-3.5t
Four-wheel Electric Forklift

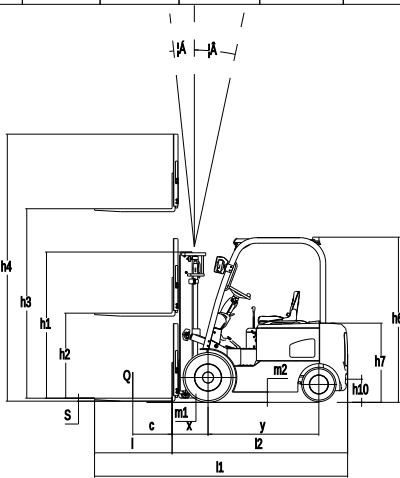
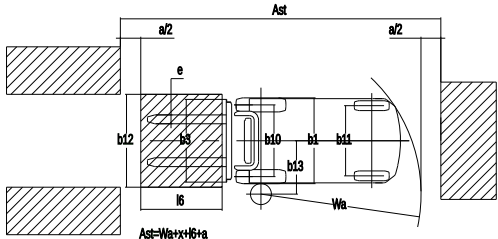
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T Series 4-wheel Electric Forklift 2.0-3.5t

Characteristics													
1.1	Manufacturer		EP	EP	EP	EP	EP	EP	EP	EP	EP	EP	EP
1.2	Model designation		CPD20FTE	CPD20FTH	CPD20FT	CPD25FTE	CPD25FTH	CPD25FT	CPD30FTE	CPD30FTH	CPD30FT	CPD35FTE	CPD35FTH
1.3	Drive unit		Battery	Battery	Battery	Battery	Battery	Battery	Battery	Battery	Battery	Battery	Battery
1.4	Operator type		Rider seated	Rider seated	Rider seated	Rider seated	Rider seated	Rider seated	Rider seated	Rider seated	Rider seated	Rider seated	Rider seated
1.5	Load capacity	Q (kg)	2000	2000	2000	2500	2500	2500	3000	3000	3000	3500	3500
1.6	Load center	c (mm)	500	500	500	500	500	500	500	500	500	500	500
1.8	Load distance	x (mm)	440	440	440	440	440	440	480	480	480	480	480
1.9	Wheelbase	y (mm)	1500	1500	1500	1500	1500	1500	1625	1625	1625	1625	1625
Weights													
2.1	Service weight	kg	4150	4150	4150	4170	4170	4170	4985	4985	4985	5100	5100
2.2	Axle loading, laden front/ rear	kg	5940/460	5940/460	5940/460	6600/500	6600/500	6600/500	7230/750	7230/750	7230/750	7800/800	7800/800
2.3	Axle loading, unladen front/ rear	kg	2220/2180	2220/2180	2220/2180	2290/2310	2290/2310	2290/2310	2140/2840	2140/2840	2140/2840	2200/2900	2200/2900
Wheels, Chassis													
3.1	Tyre type		Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic
3.2	Tyre size, front		7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	28X9-15	28X9-15	28X9-15	28X9-15	28X9-15
3.3	Tyre size, rear		18X7-8	18X7-8	18X7-8	18X7-8	18X7-8	18X7-8	18X7-8	18X7-8	18X7-8	18X7-8	18X7-8
3.5	Wheels, number front/ rear (x=drive wheels)		2x/ 2	2x/ 2	2x/ 2	2x/ 2	2x/ 2	2x/ 2	2x/ 2	2x/ 2	2x/ 2	2x/ 2	2x/ 2
3.6	Tread, front	b10 (mm)	970	970	970	970	970	970	1000	1000	1000	1000	1000
3.7	Tread, rear	b11 (mm)	950	950	950	950	950	950	980	980	980	980	980
Dimensions													
4.1	Mast/ fork carriage tilt, forward/ backward	a/ B (°)	6/ 12	6/ 12	6/ 12	6/ 12	6/ 12	6/ 12	6/ 12	6/ 12	6/ 12	6/ 12	6/ 12
4.2	Height, mast lowered	h1 (mm)	1995	1995	1995	1995	1995	1995	2025	2025	2025	2025	2025
4.3	Free lift	h2 (mm)	100	100	100	100	100	100	100	100	100	100	100
4.4	Lift height	h3 (mm)	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
4.5	Height, mast extended	h4 (mm)	4220	4220	4220	4220	4220	4220	4250	4250	4250	4250	4250
4.7	Height of overhead guard (cabin)	h6 (mm)	2230	2230	2230	2230	2230	2230	2230	2230	2230	2230	2230
4.8	Seat height	h7 (mm)	1160	1160	1160	1160	1160	1160	1160	1160	1160	1160	1160
4.12	Tow coupling height	h10 (mm)	310	310	310	310	310	310	310	310	310	310	310
4.19	Overall length	l1 (mm)	3350	3350	3350	3350	3350	3350	3620	3620	3620	3670	3670
4.20	Length to face of forks	l2 (mm)	2280	2280	2280	2280	2280	2280	2550	2550	2550	2600	2600
4.21	Overall width	b1/ b2 (mm)	1150	1150	1150	1150	1150	1150	1220	1220	1220	1220	1220
4.22	Fork dimensions	S/ e/ l (mm)	40×120×1070	40×120×1070	40×120×1070	40×120×1070	40×120×1070	40×120×1070	45×125×1070	45×125×1070	45×125×1070	50×125×1070	50×125×1070
4.24	Fork carriage width	b3 (mm)	1040	1040	1040	1040	1040	1040	1100	1100	1100	1100	1100
4.31	Ground clearance, laden, below mast	m1 (mm)	110	110	110	110	110	110	130	130	130	130	130
4.32	Ground clearance, center of wheelbase	m2 (mm)	100	100	100	100	100	100	120	120	120	120	120
4.33	Aisle width, 1000×1200 pallet crossways	Ast (mm)	3890	3890	3890	3990	3990	3990	4125	4125	4125	4225	4225
4.34	Aisle width, 800×1200 pallet lengthways	Ast (mm)	3690	3690	3690	3790	3790	3790	3925	3925	3925	4025	4025
4.35	Outer turning radius	Wa (mm)	2100	2100	2100	2100	2100	2100	2300	2300	2300	2300	2300
4.36	Inner turing radius	b13 (mm)	—	—	—	—	—	—	—	—	—	—	—
Performance													
5.1	Travel speed, laden/ unladen	km/ h	13/ 13.5	13/ 13.5	13/ 13.5	13/ 13.5	13/ 13.5	13/ 13.5	11/ 12	11/ 12	11/ 12	11/ 12	11/ 12
5.2	Lifting speed, laden/ unladen	m/ s	0.25/ 0.45	0.28/ 0.45	0.3/ 0.45	0.25/ 0.45	0.28/ 0.45	0.3/ 0.45	0.21/ 0.37	0.22/ 0.37	0.23/ 0.37	0.21/ 0.37	0.22/ 0.37
5.3	Lowering speed, laden/ unladen	m/ s	0.44/ 0.435	0.44/ 0.435	0.44/ 0.435	0.44/ 0.435	0.44/ 0.435	0.44/ 0.435	0.50/ 0.48	0.50/ 0.48	0.50/ 0.48	0.50/ 0.48	0.50/ 0.48
5.6	Maximum drawbar pull, laden/ S min.	N	17000	17000	17000	17000	17000	17000	18000	18000	18000	18000	18000
5.8	Maximum gradeability, laden/ unladen/ S min.	%	10.5/14	10.5/14	10.5/14	10.5/14	10.5/14	10.5/14	10.5/12	10.5/12	10.5/12	10.5/12	10.5/12
5.10	Service brake		Hydraulic/mechanical	Hydraulic/mechanical	Hydraulic/mechanical	Hydraulic/mechanical	Hydraulic/mechanical	Hydraulic/mechanical	Hydraulic/mechanical	Hydraulic/mechanical	Hydraulic/mechanical	Hydraulic/mechanical	Hydraulic/mechanical
Drive													
6.1	Drive motor rating S60 min.	kW	11	11	11	11	11	11	11.75	11.75	11.75	11.75	11.75
6.2	Lift motor rating at S15%	kW	8.6	8.6	8.6	8.6	10	8.6	13	13	10	13	10
6.4	Battery voltage/ rated capacity (5h)	V/ Ah	48/630(Max700)	48/630(Max700)	48/630(Max700)	48/630(Max700)	48/630(Max700)	48/630(Max700)	80/500(Max550)	80/500(Max550)	80/500(Max550)	80/500(Max550)	80/500(Max550)
Others													
8.1	Type of drive control		—	—	—	—	—	—	—	—	—	—	—
	Drive system		AC	AC	AC	AC	AC	AC	AC	AC	AC	AC	AC
	Manufacturer		ZAPI	ZAPI	ZAPI	ZAPI	ZAPI	ZAPI	ZAPI	ZAPI	ZAPI	ZAPI	ZAPI
8.2	Operating pressure for attachments	bar	175	175	175	175	175	175	180	180	180	180	180
8.4	Sound level at operator's ear	dB (A)	74	72	71	74	72	71	78	76	75	78	76

1. Specical lifting height available
2. Attachment available.
3. Battery charger available.
4. The specification in this table are for standard models only. For further information please contact us.
5. Specification are subject to change without notice.



1.5-1.8t FV series mast:

Type														
Model	Max. fork height	Overall height			Free lift		Front Overhang		Tilt range		Capacity			
		Lowered	Extended		Without backrest	With backrest			FWD	BWD	Load capacity at 500 mm			
			Without backrest	With backrest							Single tire		Double tire	
	mm	mm	mm	mm	mm	mm	1.5t	1.8t	Deg	Deg	1.5t	1.8t	1.5t	1.8t
Wide view mast														
2W200	2000	1495	2585	2955	120	120	420	420	6	12	1500	1800	1500	1800
2W250	2500	1745	3085	3455	120	120	420	420	6	12	1500	1800	1500	1800
2W270	2700	1845	3285	3655	120	120	420	420	6	12	1500	1800	1500	1800
2W300	3000	1995	3585	3955	120	120	420	420	6	12	1500	1800	1500	1800
2W330	3300	2145	3885	4255	120	120	420	420	6	12	1500	1800	1500	1800
2W350	3500	2245	4085	4455	120	120	420	420	6	12	1500	1800	1500	1800
2W360	3600	2295	4185	4555	120	120	420	420	6	12	1500	1800	1500	1800
2W400	4000	2545	4585	4955	120	120	420	420	6	12	1400	1600	1500	1800
2W430	4300	2695	4885	5255	120	120	420	420	6	6	1300	1500	1400	1600
2W450	4500	2795	5085	5455	120	120	420	420	6	6	1250	1400	1350	1500
wide view full 2-stage mast														
2F250	2500	1790	3105	3455	1045	765	420	420	6	12	1500	1800	1500	1800
2F270	2700	1890	3305	3655	1145	865	420	420	6	12	1500	1800	1500	1800
2F300	3000	2040	3605	3955	1345	1105	420	420	6	12	1500	1800	1500	1800
2F330	3300	2190	3905	4255	1495	1165	420	420	6	12	1500	1800	1500	1800
2F360	3600	2340	4205	4555	1645	1315	420	420	6	12	1500	1800	1500	1800
2F400	4000	2540	4605	4955	1815	1565	420	420	6	12	1400	1700	1500	1800
wide view full 3-stage mast														
3F430	4300	1965	5070	5255	1425	1080	440	440	6	6	1250	1450	1350	1550
3F450	4500	2045	5130	5465	1485	1140	440	440	6	6	1200	1350	1300	1450
3F480	4800	2160	5445	5755	1575	1230	440	440	6	6	1100	1250	1200	1350
3F500	5000	2210	5605	5955	1665	1320	440	440	6	6	1050	1150	1150	1250
3F550	5500	2375	6120	6455	1825	1480	440	440	3	6	/	/	950	1050
3F600	6000	2600	6695	6955	1975	1630	440	440	3	6	/	/	750	850

Note:With sideshifter minus 150Kg, with integral sideshifter minus 100Kg.

2.0-2.5t FT series mast:

Tpye														
Model	Max. fork height	Overall height			Free lift		Front Overhang		Tilt range		Capacity			
		Lowered	Extended		Without backrest	With backrest			FWD	BWD	Load capacity at 500 mm			
			Without backrest	With backrest			Single tire				Double tire			
	mm	mm	mm	mm	mm	mm	2.0t	2.5t	Deg	Deg	2.0t	2.5t	2.0t	2.5t
Wide view mast														
2W200	2000	1585	2740	3420	120	120	440	440	6	12	2000	2500	2000	2500
2W250	2500	1725	3040	3720	120	120	440	440	6	12	2000	2500	2000	2500
2W270	2700	1825	3240	3920	120	120	440	440	6	12	2000	2500	2000	2500
2W300	3000	1995	3540	4220	120	120	440	440	6	12	2000	2500	2000	2500
2W330	3300	2145	3690	4370	120	120	440	440	6	12	2000	2500	2000	2500
2W350	3500	2245	3890	4570	120	120	440	440	6	12	2000	2500	2000	2500
2W360	3600	2295	3990	4670	120	120	440	440	6	12	2000	2500	2000	2500
2W400	4000	2495	4040	4720	120	120	440	440	6	12	1900	2300	2000	2500
2W430	4300	2645	4340	5020	120	120	440	440	6	6	1800	2100	1950	2450
2W450	4500	2745	4290	4970	120	120	440	440	6	6	1700	2000	1900	2400
wide view full 2-stage mast														
2F250	2500	1800	2090	2770	1210	560	440	440	6	12	2000	2500	2000	2500
2F270	2700	1900	2290	2970	1310	660	440	440	6	12	2000	2500	2000	2500
2F300	3000	2050	2590	3270	1460	810	440	440	6	12	2000	2500	2000	2500
2F330	3300	2200	3840	4520	1610	960	440	440	6	12	2000	2500	2000	2500
2F360	3600	2350	4140	4820	1760	1110	440	440	6	12	2000	2500	2000	2500
2F400	4000	2550	4540	5220	2060	1410	440	440	6	12	1900	2300	2000	2500
wide view full 3-stage mast														
3F430	4300	1970	4240	4880	1360	730	440	440	6	6	1700	2000	1900	2400
3F450	4500	2050	5720	5040	1460	810	460	460	6	6	1600	1900	1800	2300
3F480	4800	2095	6020	5345	1565	915	460	460	6	6	1500	1700	1700	2100
3F500	5000	2240	6220	5540	1610	960	460	460	6	6	1400	1600	1600	2000
3F550	5500	2320	6800	6120	1770	1120	460	460	3	6	1050	1200	1500	1800
3F600	6000	2740	7220	6540	2020	1370	460	460	3	6	700	800	1400	1600

Note:With sideshifter minus 150Kg, with integral sideshifter minus 100Kg.

2.5-3.5t FT series mast:

Tpye																
Model	Max. fork height	Overall height				Free lift		Front Overhang		Tilt range		Capacity				
		Lowered	Extended		Without backrest	With backrest	FWD			BWD	Load capacity at 500 mm					
			Without backrest	With backrest							Single tire	Double tire				
								3.0t	3.5t				3.0t	3.5t		
	mm	mm	mm	mm	mm	mm	mm	mm	Deg	Deg	kg	kg	kg	kg		
Wide view mast																
2W200	2000	1520	2570	3250	120	120	440	440	6	12	3000	3500	3000	3500		
2W250	2500	1770	3070	3750	120	120	440	440	6	12	3000	3500	3000	3500		
2W270	2700	1875	3270	3950	120	120	440	440	6	12	3000	3500	3000	3500		
2W300	3000	2025	3570	4250	120	120	440	440	6	12	3000	3500	3000	3500		
2W330	3300	2145	3690	4370	120	120	440	440	6	12	3000	3500	3000	3500		
2W350	3500	2245	3890	4570	120	120	440	440	6	12	3000	3500	3000	3500		
2W360	3600	2295	3990	4670	120	120	440	440	6	12	3000	3500	3000	3500		
2W400	4000	2495	4040	4720	120	120	440	440	6	12	2850	3250	3000	3500		
2W430	4300	2645	4340	5020	120	120	440	440	6	6	2700	3000	2900	3400		
2W450	4500	2745	4290	4970	120	120	440	440	6	6	2550	2850	2850	3350		
wide view full 2-stage mast																
2F250	2500	1830	2220	2900	1210	560	440	440	6	12	3000	3000	3000	3000		
2F270	2700	1930	2320	3000	1310	660	440	440	6	12	3000	3000	3000	3000		
2F300	3000	2080	2620	3300	1460	810	440	440	6	12	3000	3500	3000	3500		
2F330	3300	2230	3870	4550	1610	960	440	440	6	12	3000	3500	3000	3500		
2F360	3600	2380	4020	4700	1760	1110	440	440	6	12	3000	3500	3000	3000		
2F400	4000	2580	4420	5100	2060	1410	440	440	6	12	2850	2850	3000	3000		
wide view full 3-stage mast																
3F430	4300	2000	5570	4910	1360	730	460	460	6	6	2550	2550	2850	3350		
3F450	4500	2080	5750	5070	1460	810	460	460	6	6	2400	2400	2700	3200		
3F480	4800	2125	6050	5375	1565	915	460	460	6	6	2250	2250	2550	2900		
3F500	5000	2270	6250	5570	1610	960	460	460	6	6	2100	2100	2400	2750		
3F550	5500	2350	6830	6150	1770	1120	460	460	3	6	1650	1650	2250	2550		
3F600	6000	2770	7250	6570	2020	1370	460	460	3	6	1200	1200	2100	2300		



Series | 1.3-2.0t
J series 3-wheel Electric Forklift

EP EQUIPMENT CO.,LTD.
www.ep-eq.com 

ELECTRONICS

AC technology is better suited to heavy-duty applications. The use of current is optimised and AC motors are brushless, which minimises servicing. Motors can be very well protected against the water and dust. Roll-back is almost eliminated and higher travel speeds are attainable.

Both systems are fully adjustable to suit the load, the working area and the operator. Inbuilt diagnostics record intermittent faults and service requirements reducing expensive service time.

The choice is between CURTIS AC control originating in U.S.A. or Danaher AC systems produced in Sweden.



More than thirty performance parameters can be adjusted to suit the type of load, congestion of the working area and skill of the driver.



Front-wheel drive through two drive motors incorporated in a compact axle. AC motors are used, depending on truck size and workloads.

Access to the state-of-the-art controllers is easy at waist height, helping to reduce servicing time.



STEERING

The "On - demand " hydraulic power steering, combined with drive-motor system, gives superb maneuverability with low noise level and low energy consumption . The low steering force required, further enhances operator comfort.

INTRODUCTION

The distinctive features of the new J series electric three-wheel forklift are the following :
Versatility of use due to compact design and minimal operating space requirements.
Compact dimensions combined with superb maneuverability.
High stability, both when stationary and cornering, due to long wheelbase, low centre of gravity and wide tyres.
Economy of operation, resulting from minimized maintenance costs, e.g. Low-wear brakes.

Standard Feature

- Front wheel & Rear wheel super elastic tyres
- High capacity storage battery
- Emergency disconnect switch
- Rubber floor mat
- 2 Spools control valve
- Locked spring gas
- Front combined lamp
- 3 meters 2-stage mast
- Adjustable steering column
- Rearview mirror
- Drive, lift, steering controlled
- Rear combined lamp
- Beeper
- Toolbox and file folder
- Hour meter, self-diagnose indicator

Optional Feature

- 3 or 4 spools control valve
- 4.3-6.5 meters 3-stage mast
- 2.5-4.5 meters 2-stage mast
- With attachment
- Other dimension forks
- High capacity battery
- Special carriage and backrest
- No mark solid tyre
- Battery charger

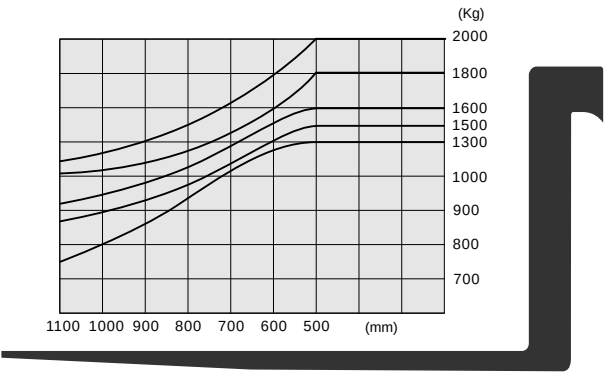


J series 1.3-2.0t Three-wheel forklift specification

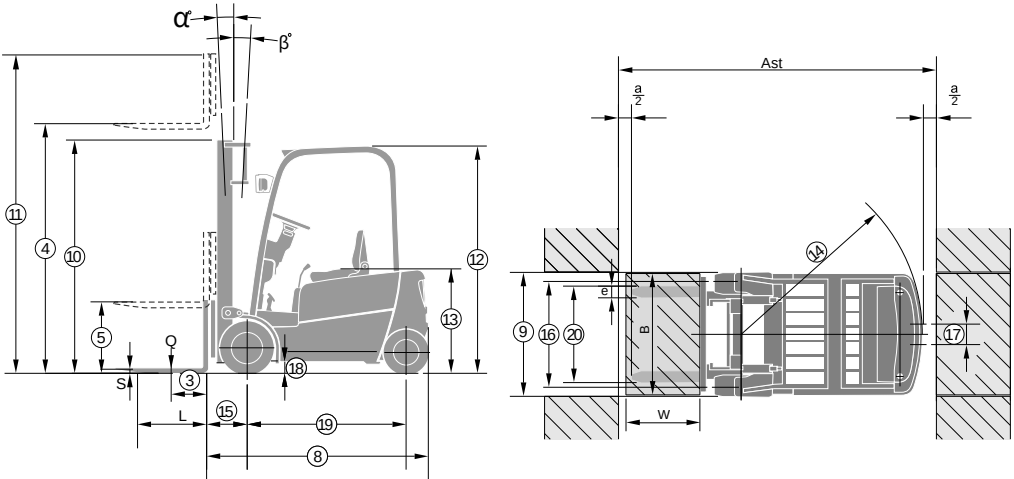
	No.	Manufacturer		EP									
specification	1	Model		CPDS13J-D1	CPDS13J-C1	CPDS15J-D1	CPDS15J-C1	CPDS16J-D1	CPD16J-C1	CPDS18J-D1	CPDS18J-C1	CPDS20J-D1	CPDS20J-C1
	2	Rated capacity	kg	1300		1500		1600		1800		2000	
	3	Load centre	mm	500		500		500		500		500	
	4	Lifting height	mm	3000		3000		3000		3000		3000	
	5	Free lifting height	mm	150		150		135		150		150	
	6	Fork size	s× e×l	40×100×900		40×100×900		40×100×900		40×100×900		40×100×900	
	7	Tilting angle	F/B(a°/β°)	Deg	6.5/6.5		6.5/6.5		6.5/6.5		6.5/6.5		6.5/6.5
Dimensions	8	Overall Dimension	length (to fork face)	mm	1792		1792		1900		1900		2012
	9		Width	mm	1060		1060		1060		1060		1060
	10		Height when mast lowered	mm	1995		1995		1995		1995		2055
	11		Height when mast lifting	mm	3945		3945		3945		3945		4005
	12		Height to safeguard	mm	1960		1960		1960		1960		1960
	13	Height seat		mm	930		930		930		930		930
	14	Turning radius	Min.	mm	1440		1440		1550		1550		1658
	15	Overhang		mm	355		355		355		355		355
	16/17	Thread(Front/Rear)		mm	902/175		902/175		902/175		902/175		915/175
	18	Ground cLearance	Min.	mm	90		90		90		90		90
	19	Wheelbase		mm	1250		1250		1358		1358		1465
	20	Fork spread	Min./Max.	mm	200/1000		200/1000		200/1000		200/1000		200/1000
Performance	21	Working aisle width with pallet(Ast)	1000×1200 crossways	mm	3161		3161		3271		3271		3380
	22		800×1200 lengthways	mm	3260		3260		3370		3370		3480
	23	speed	Travel(Laden)	km/h	13(14)		13(14)		13(14)		13(14)		12(15)
	24		Travel(Unladend)	km/h	13(14)		13(14)		13(14)		13(14)		13(18)
	25		Lifting(Laden)	mm/s	300		290		280		270		270
	26		Lifting(Unladend)	mm/s	450		440		440		430		430
	27	Gradeability	Laden	%	16(20)		15(20)		15(20)		15(18)		15(18)
	28		Unladend	%	16(20)		20(20)		20(20)		15(20)		15(20)
	29	Service weiht	Include battery box	kg	2760		2950		3020		3080		3370
	30	Tyre	Front×2		18×7 - 8		18×7 - 8		18×7 - 8		18×7 - 8		200/50-10
	31		Rear×2		15×4.5 - 8		15×4.5 - 8		15×4.5 - 8		15×4.5 - 8		15×4.5 - 8
Driven	32	Motor	Driven motor/S 60min	kw	4.6×2		4.6×2		4.6×2		4.75×2		4.6×2
	33		Pump motor /S 150min	kw	8.6		8.6		8.6		8.6		8.6
	34	Battery	Standard	V/Ah	48/400		48/400		48/500		48/500		48/600
	35		Optional	V/Ah	48/440		48/440		48/550		48/550		48/660
	36	Controller	Type		AC	AC	AC	AC	AC	AC	AC	AC	AC
	37		Manufacturer		Danaher	Curtis	Danaher	Curtis	Danaher	Curtis	Danaher	Curtis	Curtis
	38	Operating pressure for attachment		Mpa	14.5		14.5		14.5		17.5		17.5

- 1.Special lifting height available
- 2.Attachment available
- 3.Specification are subject to change without notice
- 4.More products available: CPD13J-C2/CPD15J-C2/CPD16J-C2/CPD18J-C2/CPD20J-C2,C2 means AC system (traction AC+pump AC)
- 5.Cold storage 1.3-2.0t electric forklifts are available
- 6.The specification in the table are for standard models only.For further information please contact us

LOAD CHART



DIMENSIONS



a = 200 mm safety clearance

$$AST = a + \textcircled{14} + \sqrt{(\textcircled{15} + W)^2 + (B / 2)^2}$$



1.5-3.5t
J series 4-wheel Electric Forklift



1.0-1.8t J series mast

Type	Mast fork height	Lowered	Overall height		Free lift		Tilt range	
			With backrest	Without backrest	With backrest	Without backrest	FED	RED
Wide view mast	mm	mm	mm	mm	mm	mm	Deg	Deg
	2500	1728	3455	3064	145	145	5	10
	2700	1826	3655	3264	145	145	5	10
	3000	1976	3955	3564	145	145	5	10
	3300	2126	4255	3864	145	145	5	10
	3500	2226	4455	4064	145	145	5	10
	3600	2326	4555	4164	145	145	5	10
	4000	2576	4955	4564	145	145	5	10
	4300	2726	5255	4864	145	145	5	6
	4500	2826	5455	5064	145	145	5	6
Wide view full free 2-stage mast	2500	1726	3455	3070	781	1158	5	10
	2700	1826	3655	3270	881	1244	5	10
	3000	1976	3955	3570	1031	1394	5	10
	3300	2126	4255	3870	1181	1544	5	10
	3600	2276	4555	4170	1331	1694	5	10
Wide view full free 3-stage mast	4000	2526	4955	4570	1581	1944	5	6
	3500	1976	4955	4570	1031	1416	5	6
	4300	2076	5255	4870	1131	1516	5	6
	4500	2086	5455	5070	1141	1614	5	6
	4800	2201	5755	5370	1256	1641	5	6
	5000	2251	5955	5570	1306	1691	5	6
	5500	2426	6455	6070	1481	1866	3	6
	6000	2651	6956	6570	1706	2091	3	6
	6500	2830	7456	7070	1820	2152	3	6

For overall height without backrest: -322mm (2-stage); -371 (2-stage); -337 (3-stage)
*adopt double tire. (Don't assemble side-shifter on the single tire forklift.)

3.0-3.5t J series mast

Type	Mast fork height	Lowered		Overall height		Free lift		Tilt range	
		3.0t	3.5t	With backrest	Without backrest	With backrest	Without backrest	FED	RED
Wide view mast	mm	mm	mm	mm	mm	mm	mm	Deg	Deg
	2500	1786	1936	3652	3297	3364	145	145	5 / 10
	2700	1886	2036	3852	3497	3564	145	145	5 / 10
	3000	2036	2186	4152	3797	3864	145	145	5 / 10
	3300	2186	2336	4452	4097	4164	145	145	5 / 10
	3500	2286	2436	4652	4297	4364	145	145	5 / 10
	3600	2336	2486	4752	4397	4464	145	145	5 / 10
	4000	2586	2686	5152	4797	4864	145	145	5 / 10
	4300	2751	2836	5452	5097	5164	145	145	5 / 6
	4500	2861	2936	5652	5297	5364	145	145	5 / 6
Wide view full free 2-stage mast	4800	3026	3086	5952	5597	5664	145	145	5 / 6
	5000	3136	3186	6152	5797	5864	145	145	5 / 6
	2500	1826	1936	3652	3247	3292	684	794	1089
	2700	1926	2036	3852	3492	3492	784	894	1189
	3000	2036	2195	4152	3747	3792	894	1053	1299
Wide view full free 3-stage mast	3300	2186	2336	4452	4047	4092	1044	1194	1449
	3600	2345	2495	4752	4347	4392	1203	1353	1608
	4000	2555	2705	5152	4747	4792	1413	1563	1818
	4300	2041	2141	5452	5083	5092	899	999	1268
	4500	2121	2221	5652	5283	5292	979	1079	1348
	4800	2221	2321	5952	5583	5592	1079	1179	1448
	5000	2287	2387	6152	5783	5792	1145	1245	1514
	5500	2451	2551	6652	6283	6292	1309	1409	1678
	6000	2617	2717	7152	6783	6792	1475	1575	1844
	6500	2845	2946	7652	7283	7292	1703	1804	2072

For overall height without backrest: -355mm (J30MX); -405 (J30UX); -369 (J30NX)
*adopt double tire. (Don't assemble side-shifter on the single tire forklift.)

2.0-2.5t J series mast

Type	Mast fork height	Lowered	Overall height		Free lift		Tilt range	
			With backrest	Without backrest	With backrest	Without backrest	FED	RED
Wide view mast	mm	mm	mm	mm	mm	mm	Deg	Deg
	2500	1786	3556	3234	140	145	5	10
	2700	1886	3756	3434	140	140	5	10
	3000	2006	4056	3734	140	140	5	10
	3300	2186	4356	4034	140	140	5	10
	3500	2286	4556	4234	140	140	5	10
	3600	2336	4656	4334	140	140	5	10
	4000	2586	5056	4734	140	140	5	10
	4300	2751	5356	5034	140	140	5	6
	4500	2861	5556	5234	140	140	5	6
Wide view full free 2-stage mast	2500	1766	3556	3185	720	1091	5	10
	2700	1866	3756	3385	820	1191	5	10
	3000	1966	4056	3685	920	1291	5	10
	3300	2116	4356	3985	1070	1441	5	10
	3600	2266	4656	4285	1220	1591	5	10
Wide view full free 3-stage mast	4000	2516	5056	4685	1470	1841	5	10
	4300	1976	5356	5019	930	1267	5	6
	4500	2096	5556	5219	1050	1387	5	6
	4800	2196	5856	5519	1150	1487	5	6
	5000	2261	6056	5719	1215	1552	5	6
	5500	2426	6556	6219	1380	1717	3	6
	6000	2641	7056	6719	1595	1932	3	6
	6500	2820	7556	7219	1774	2111	3	6

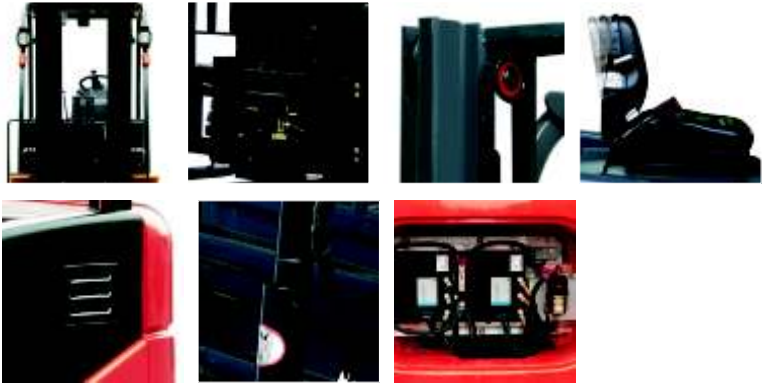
For overall height without backrest: -322mm (2-stage); -371 (2-stage); -337 (3-stage)
*adopt double tire. (Don't assemble side-shifter on the single tire forklift.)

Standard Feature

- Front wheel & Rear wheel pneumatic tyres
- High capacity storage battery
- Emergency disconnect switch
- Rubber floor mat
- 2 Spools control valve
- Locked spring gas
- Front combined lamp
- 3 meters 2-stage mast
- Adjustable steering column
- Rearview mirror
- Drive, lift, steering controlled
- Rear combined lamp
- Beeper
- Toolbox and file folder
- Hour meter, self-diagnose indicator

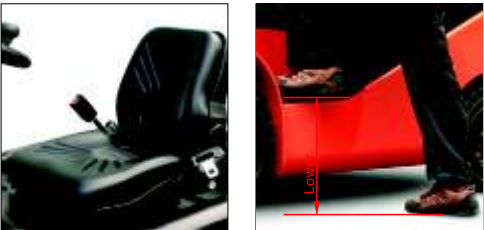
Optional Feature

- 3 or 4 spools control valve
- 4.3-6.5 meters 3-stage mast
- 2.5-4.5 meters 2-stage mast
- With attachment
- Other dimension forks
- High capacity battery
- Special carriage and backrest
- Solid tyre
- No mark solid tyre
- Battery charger



CONTROLLER

New Multi-Display employed full-dotted LCD is located on the steering column to improve visibility and manipulate-ability. Well fitted with convenient functions, such as battery level indicator, truck operation records, passwords entry and so on. While traveling, displays travel speed and BDI (Battery Discharge Indicator), while stopping, displays clock, Multi-display shows appropriate information under various situations. CURTIS or DANAHER MOTION made high-frequency controller incorporates a powerful microprocessor together with MOSFET power electronics. It controls all truck movements precisely with high energy efficiency at low noise level- from smooth, sensitive inching to powerful acceleration and regenerative braking. The new controller also offers sophisticated communication facilities and built-in diagnostics to reduce downtime. All electronics are housed inside the chassis body to protect them from external damage.



Comfortable seat can be upgraded to a luxury semi-suspension version.

Safe and easy access is assured by a large, non-slip step and grab handle.

AC Power System

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. It also allows for a revolutionary new forklift design and performance so enhanced the operator can actually feel the difference.



INTRODUCTION

The distinctive features of the new 1.0-3.5t J series electric Four-wheel counterbalanced forklift are the following:

- Versatility of use due to compact design and minimal operating space requirements. Compact dimensions combined with superb maneuverability.
- High stability, both when stationary and cornering, due to long wheelbase, low centre of gravity and wide tyres.
- Economy of operation, resulting from minimized maintenance costs, e.g. fully enclosed 3 phase AC asynchronous motors with high degree of efficiency maintenance free for life.

series 1.0-3.5t electric forklift specification																									
specification	No.	Manufacturer			EP																				
	1	Model			CPD10J	CPD10J-C1	CPD10J-D1	CPD15J	CPD15 J-C1	CPD15J-D1	CPD18J	CPD18J- C1	CPD18J-D1	CPD20J	CPD20J-C1	CPD20J-D1	CPD25J	CPD25J-C1	CPD25J-D1	CPD30J	CPD30J-C1	CPD30J-D1	CPD35J-C1		
	2	Rated capacity		kg	1000			1500			1750			2000			2500			3000			3500		
	3	Load centre		mm	500			500			500			500			500			500					
	4	Lifting height		mm	3000			3000			3000			3000			3000			3000					
	5	Free lifting height		mm	135			135			135			140			140			140					
	6	Fork size	s× e×l	mm	35× 120×900			35× 120×900			35× 120×900			40× 130×1070			40× 130×1070			45× 130×1070			45×135×1070		
Dimensions	7	Tilting angle	F/B(a°/ B °)	Deg	5/10			5/10			5/10			5/10			5/10			5/10			5/10		
	8	Overall Dimension	length (to fork face)	mm	2080			2080			2115			2275			2325			2490			2570		
	9		Width	mm	1060			1060			1138			1265			1265			1265			1302		
	10		Height when mast lowered	mm	1995			1995			1995			2070			2070			2100			2186		
	11		Height when mast lifting	mm	3935			3935			3935			4040			4040			4135			4221		
	12		Height to safeguard	mm	2075			2075			2075			2090			2090			2090			2090		
	13		Height seat	mm	1030			1030			1030			1070			1070			1070			1070		
	14	Turning radius	Min.	mm	1780			1780			1815			2040			2040			2230			2310		
	15	Overhang	Front	mm	406			406			406			455			455			475			475		
	16/17	Thread(Front/Rear)		mm	888/897.5			888/897.5			888/897.5			1058/960			1058/960			1058/960			1068/960		
	18	Ground cLearance	Min.	mm	110			110			110			120			120			125			125		
	19	Wheelbase		mm	1380			1380			1380			1485			1485			1625			1625		
	20	Fork spread	Min./Max.	mm	240/1000			240/1000			240/1000			200/1038			200/1038			290/1200			290/1200		
	21	Working aisle width with pallet(Ast)	1000×1200 crossways	mm	3556			3556			3591			3720			3911			4071			4161		
	22		800×1200 lengthways	mm	3655			3655			3690			3820			4010			4170			4260		
	Performance	23	speed	Travel(Laden)	km/h	12	14	14	12	14	14	12.5	13.5	13.5	12	14	14	12	14	14	13	14	14	12	
		24		Travel(Unladend)	km/h	13	14	14	13	14	14	13	14	14	13	14	14	13	14	14	14	14.5	14.5	13	
		25		Lifting(Laden)	mm/s	300	310	310	290	300	300	285	295	295	280	290	290	270	280	280	250	260	260	210	
		26		Lifting(Unladend)	mm/s	450	460	460	440	450	450	430	440	440	440	450	450	430	440	440	400	410	410	370	
27		Lowing(Laden)		mm/s	450			460			470			470			420			460			450		
28		Lowing(Unladend)	mm/s	430			430			430			440			430			424			404			
29		Gradeability	Laden	%	13	15	15	13	15	15	13	15	15	12	13	13	12	13	13	12	13	13	11		
30			Unladend	%	14	16	16	14	16	16	14	16	16	13	14	14	13	14	14	13	14	14	12		
31		Max.Drawbar pull	Laden(S2 5min)	N	9000	10000	10000	10000	11000	11000	11000	12000	12000	13000	14000	14000	17000	18000	18000	20000	22000	22000	20000		
32		Service weiht	Include battery box	kg	2880			2940			3090			3700			4180			5050			5450		
33	Axle loading(Front/Rear)	Laden	kg	3410/470			3900/540			4300/590			5016/684			5990/690			7160/890			7876/1074			
34		Unladend	kg	1296/1584			1353/1587			1650/1440			1628/2072			1890/2290			2424/2626			5998/2452			
35	Tyre	Front×2		6.00 - 9			6.00 - 9			21×8 - 9			23×9 - 10			23×9 - 10			23×9 - 10			23×10 - 12			
36		Rear×2		5.00 - 8			5.00 - 8			5.00 - 8			18×7 - 8			18×7 - 8			18×7 - 8			18×7 - 8			
Driven	37	Motor	Driven motor/S 60min	kw	5.4	8	8	5.4	8	8	5.4	8	8	7	10.5	10.5	7	10.5	10.5	10.2	10.6	10.6	11		
	38		Pump motor /S 150min	kw	8.2	7.8	7.8	8.2	7.8	7.8	8.2	7.8	7.8	8.6	11	11	8.6	11	11	10	12.8	12.8	10		
	39	Battery	Standard	V/Ah	48/420			48/420			48/420			48/630			48/630			80/500			80/500		
	40		Optional	V/Ah	48/550			48/550			48/550			48/700			48/700			/			/		
	41	Battery weight include box(STD.Battery)			760			760			760			998			998			1489			1489		
	42	Controllor	Type		DC	AC			DC	AC			DC	AC			DC	AC			DC	AC			AC
	43		Manufacturer		Curtis	Curtis	Danaher	Curtis	Curtis	Danaher	Curtis	Curtis	Danaher	Curtis	Curtis	Danaher	Curtis	Curtis	Danaher	Curtis	Curtis	Danaher	Curtis		
	44	Operating pressure for attachment		Mpa	14.5			14.5			14.5			17.5			17.5			17.5			18		
	45	Noise level		dB(A)	70			70			70			71			72			74			75		

Note : 1J series means DC system(Traction DC + Pump DC).JD1 series means AC system (Traction AC + Pump AC).JC1 series means AC system (Traction AC +Pump DC)

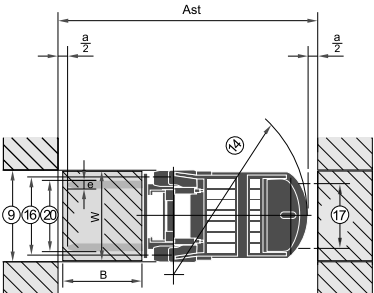
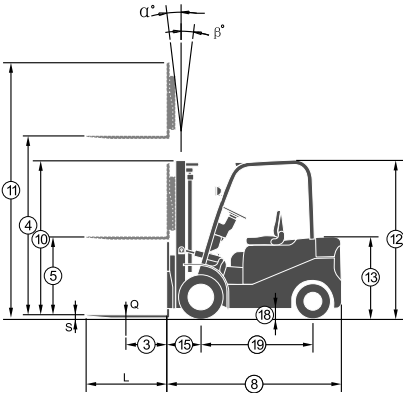
2.Ast: Include Safety Clearance=200mm

3.More products available: CPD10J-C2/CPD15J-C2/CPD16J-C2/CPD18J-C2/CPD20J-C2/CPD25J-C2/CPD30J-C2/CPD35J-C2,C2 means AC system (traction AC+pump AC)

4.Cold storage 1.0-3.5t electric forklifts are available

5.The specification in the table are for standard models only.For further information please contact us

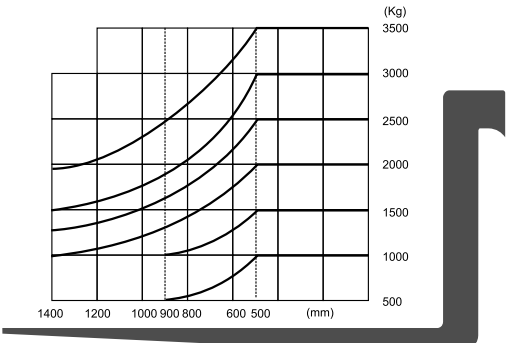
DIMENSIONS



a = 200 mm safety clearance

$AST = a + \sqrt{(16)^2 + (W / 2)^2}$

LOAD CHART





4.0-5.0t
J series 4-wheel Electric Forklift

EP EQUIPMENT CO.,LTD.
www.ep-eq.com



CONTROLLER

New Multi-Display employed full-dotted LCD is located on the steering column to improve visibility and manipulate-ability. Well fitted with convenient functions, such as battery level indicator, truck operation records, passwords entry and so on. While traveling, displays travel speed and BDI (Battery Discharge Indicator), while stopping, displays clock. Multi-display shows appropriate information under various situations. DANAHER MOTION made high-frequency controller incorporates a powerful microprocessor together with MOSFET power electronic. It controls all truck movements precisely with high energy efficiency at low noise level from smooth, sensitive inching to powerful acceleration and regenerative braking. The new controller also offers sophisticated communication facilities and built-in diagnostics to reduce downtime. All electronics are housed inside the chassis body to protect.

DRIVE TRAIN

AC Power System

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. It also allows for a revolutionary new forklift design and performance so enhanced the operator can actually feel the difference.

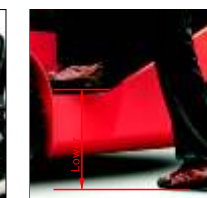


OPERATOR'S COMPARTMENT

A low step provides easy, comfortable access to the ergonomically designed compartment. The adjustable steering column and driver's seat ensure a comfortable working position. Hydraulic levers can be mounted on either scuttle or beside the battery, allowing access from either side. Two strong grab handles are provided. Lower step makes easy entry and exit. A clear foot well with well-placed pedals gives plenty of room for large feet and helps the driver work safely. This will be much appreciated by operators who have to get on and off the forklift frequently.



Comfortable seat can be upgraded to a luxury semi-suspension version.



Safe and easy access is assured by a large, non-slip step and grab handle.

INTRODUCTION

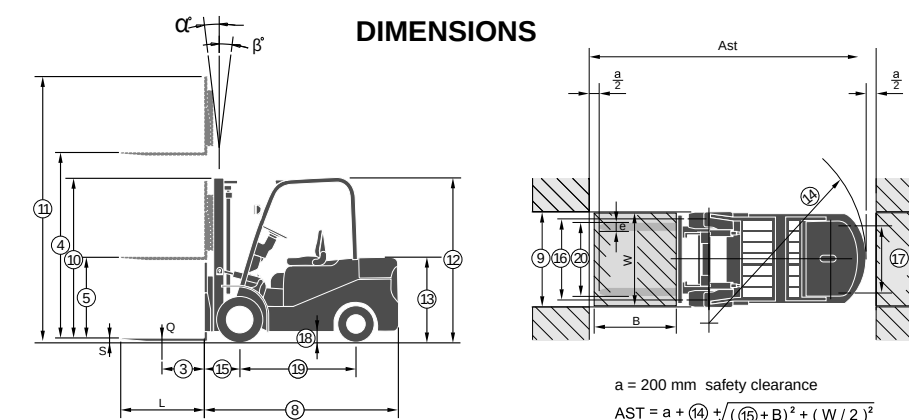
The distinctive features of the new 4.0-5.0t J series electric Four-wheel counterbalanced forklift are the following:

Versatility of use due to compact design and minimal operating space requirements.

Compact dimensions combined with superb maneuverability.

High stability, both when stationary and cornering, due to long wheelbase, low centre of gravity and wide tyres.

Economy of operation, resulting from minimized maintenance costs, e.g. fully enclosed 3 phase AC asynchronous motors with high degrees of efficiency maintenance free for life.



Jseries 4.0-5.0t electric forklift specification

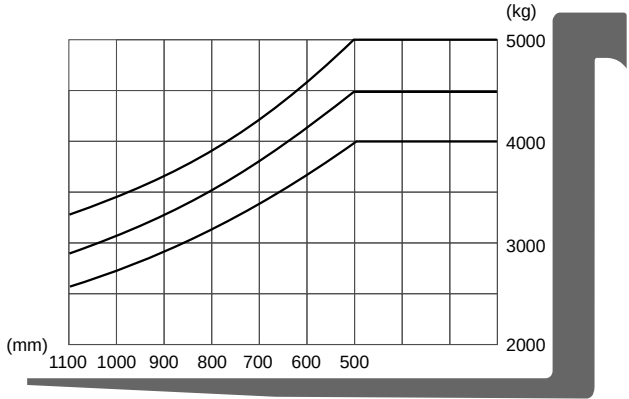
	No.	Manufacturer		EP					
				CPD40JD1	CPD40JC1	CPD45JD1	CPD45JC1	CPD50JD1	CPD50JC1
specification	1	Model							
	2	Rated capacity	kg	4000		4500		5000	
	3	Load centre	mm	500		500		500	
	4	Lifting height	mm	3000		3000		3000	
	5	Free lifting height	mm	150		150		150	
	6	Fork size	s× e× l	mm	50× 150×1070	55× 150×1070		55× 150×1070	
	7	Tilting angle	F/B(a° / B °)	Deg	6/12	6/12		6/12	
Dimensions	8	Overall Dimension	length (to fork face)	mm	3015	3015		3015	
	9		Width	mm	1380	1380		1380	
	10		Height when mast lowered	mm	2185	2185		2185	
	11		Height when mast lifting	mm	4117	4117		4117	
	12		Height to safeguard	mm	2280	2280		2280	
	13		Height seat	mm	1185	1185		1185	
	14	Turning radius	Min.	mm	2650	2650		2650	
	15	Overhang		mm	550	550		550	
	16/17	Thread(Front/Rear)		mm	1130/1100	1130/1100		1130/1100	
	18	Ground cLearence	Min.	mm	219	219		219	
	19	Wheelbase		mm	2000	2000		2000	
	20	Fork spread	Min./Max.	mm	310/1200	310/1200		310/1200	
	21	Working aisle width with	1000×1200 crossways	mm	4516	4516		4516	
Performance	22	pallet(Ast)	800×1200 lengthways	mm	4615	4615		4615	
	23	speed	Travel(Laden)	km/h	14	13.5		13	
	24		Travel(Unladend)	km/h	14	13.5		13.5	
	25		Lifting(Laden)	mm/s	270	260		250	
	26		Lifting(Unladend)	mm/s	430	420		400	
	27	Gradeability	Laden	%	14.5	14		13	
	28		Unladend	%	15.5	15		14	
	29	Max.Drawbar pull	Laden(S2 5min)	N	24000	26000		27000	
	30	Service weiht	Include battery box	kg	6600	6800		7100	
	31	Axle loading (Front/Rear)	Laden	kg	9440/1160	9950/1350		10635/1315	
	32		Unladend	kg	3960/2640	3950/2850		3475/3475	
	33	Tyre	Front×2		250/15	250/15		250/15	
	34		Rear×2		7.00 - 12	7.00 - 12		7.00 - 12	
Driven	35	Motor	Driven motor/S 60min	kw	16.6	16.6		16.6	
	36		Pump motor /S 150min	kw	25.4	25.4		25.4	
	37	Battery	Standard	V/Ah	80/700	80/700		80/700	
	38		Optional	V/Ah	/	/		/	
	39	Controller	Type		MOSFET	MOSFET		MOSFET	
	40		Drive system		AC	AC		AC	
	41		Manufacturer		Danaher Curtis	Danaher Curtis		Danaher Curtis	
	42	Operating pressure for attachment		Mpa	17.5	17.5		17.5	
	43	Noise level		dB(A)	74	75		76	

Ast: Include Safety Clearance=200mm

4.0-5.0 t J series mast

Type	Mast fork height	Lowered	Overall height		Free lift		Tilt range	
			With backrest	Without backrest	With backrest	Without backrest	F	R
STD. Duplex	mm	mm	mm	mm	mm	mm	Deg	Deg
	2500	1935	3670	3270	150	150	6	11
	2700	2035	3870	3470	150	150	6	11
	3000	2185	4170	3770	150	150	6	11
	3300	2335	4470	4070	150	150	6	11
	3500	2435	4670	4270	150	150	6	11
	3600	2485	4770	4370	150	150	6	11
	4000	2735	5170	4770	150	150	6	11
	4300	2900	5470	5070	150	150	6	6
	4500	3010	5670	5270	150	150	6	6
	4800	3175	5970	5570	150	150	6	6
Full Free Lift	5000	3285	6170	5770	150	150	6	6
	2500	1916	3670	3305	750	1115	6	11
	2750	2040	3920	3555	873	1238	6	11
	3000	2166	4170	3805	1000	1365	6	11
Triplex	3300	2316	4470	4105	1150	1515	6	11
	4000	2020	5170	4805	850	1218	6	11
	4300	2120	5470	5105	950	1318	6	6
	4500	2185	5670	5305	1018	1380	6	6
	4800	2280	5970	5605	1110	1478	6	6
	5000	2350	6170	5805	1180	1548	6	6
	5500	2515	6670	6305	1348	1710	3	6
	6000	2730	7170	6805	1560	1928	3	6

LOAD CHART



1.6t

V series Electric Reach Truck

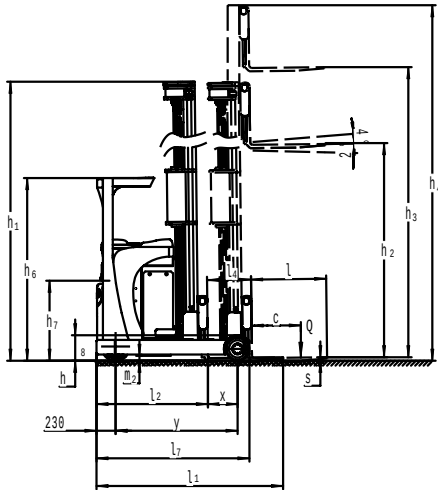
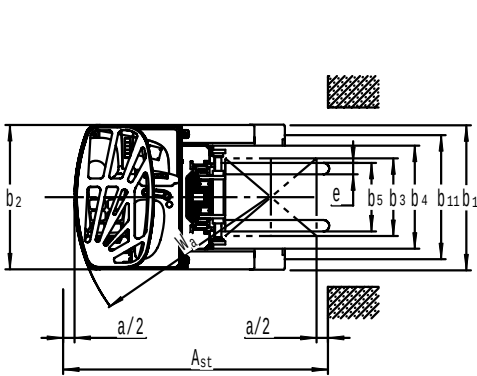
EP EQUIPMENT CO.,LTD.

www.ep-ep.com



V series Electric Reach Truck 1.6t

Characteristics		
1.1 Manufacturer		EP
1.2 Model designation		CQD16RV
1.3 Drive unit		electric
1.4 Operator type		Seated
1.5 Load capacity	Q (kg)	1600
1.6 Load center	c (mm)	600/500
1.8 Load distance	x (mm)	175
1.9 Wheelbase	y (mm)	1470
Weights		
2.1 Service weight	kg	3700
2.2 Axle load forks back, unladen Driver/load end	kg	2395/1275
2.3 Axle load forks forward, laden Driver/load end	kg	480/4790
2.4 Axle load forks back, laden Driver/load end	kg	1950/3320
Wheels, Chassis		
3.1 Tyre type		Polyurethane
3.2 Tyre size drive's end (diameter × width)	mm	Ø343x140
3.3 Tyre size load end (diameter × width)	mm	Ø285x108
3.5 Wheels, number front/ rear (x=drive wheels)		1x/ 2
3.7 Track width, Load end	b1 (mm)	1150
Dimensions		
4.1 Mast/ fork carriage tilt, forward/ backward	a/ B (°)	2/ 4
4.2 Height, mast lowered	h1 (mm)	3900
4.3 Free lift	h2 (mm)	3250
4.4 Lift height	h3 (mm)	9300
4.5 Height, mast extended	h4 (mm)	1050
4.7 Height of overhead guard (cabin)	h6 (mm)	2200
4.8 Seat height	h7 (mm)	1135
4.10 Height of straddle arms or load wheel casing	h8 (mm)	315
4.19 Overall length	l1 (mm)	2250
4.20 Length to face of forks	l2 (mm)	1340
4.21 Overall width	b1/ l2 (mm)	1270
4.22 Fork dimensions	s/ e/ l (mm)	40×100×1150
4.24 Fork carriage width	b3 (mm)	680
4.25 Outside fork width, minimum/ maximum	b5 (mm)	200/660
4.26 Width between straddle arms	b4 (mm)	902
4.28 Reach distance	l4 (mm)	530
4.31 Ground clearance, laden, below mast	m1 (mm)	75
4.32 Ground clearance, center of wheelbase	m2 (mm)	60
4.33 Aisle width, 1000×1200 pallet crossways	As1 (mm)	2703/2490
4.34 Aisle width, 800×1200 pallet lengthways	As1 (mm)	2812/2632
4.35 Outer turning radius	Wa (mm)	1700
4.37 Length over straddle arms	l7 (mm)	1840
Performance		
5.1 Travel speed, laden/ unladen	km/ h	10/10
5.2 Lifting speed, laden/ unladen	m/ s	0.40/0.60
5.3 Lowering speed, laden/ unladen	m/ s	0.55/0.50
5.4 Reach speed, laden/ unladen	m/ s	0.10/0.10
5.7 Gradeability, laden/ unladen S230 min.	%	3.9/8.2
5.8 Maximum gradeability, laden/ unladen S25 min.	%	10/10
5.9 Acceleration time, laden/ unladen	s	5.4/4.8
5.10 Service brake		hydraulic/Electric
Drive		
6.1 Drive motor rating S2 60 min.	kW	6.5
6.2 Lift motor rating at S3 15%	kW	12.8
6.4 Battery voltage/ rated capacity (5h)	V/ Ah	48/600
6.5 Battery weight (with box)	kg	900
Battery dimensions l/ w/ h	mm	1208/360/803
Others		
8.1 Type of drive control		—
Drive system		AC
Manufacturer		ZAPI
8.2 Operating pressure for attachments	bar	20
8.3 Oil volume for attachments	l/ min	6.5
8.4 Sound level at operator's ear	dB (A)	68



1.2-2.0t
H series Electric Reach Truck

EP EQUIPMENT CO.,LTD.
www.ep-ep.com



H series Reach truck specification

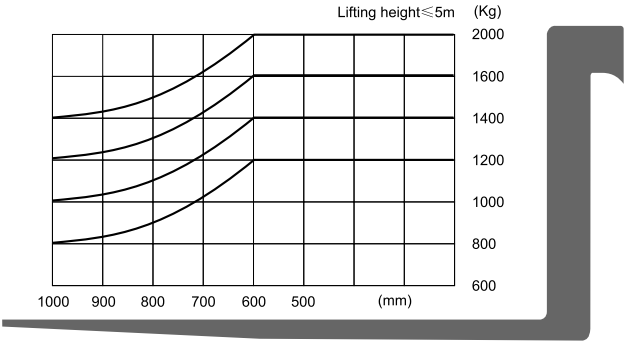
General	1	Manufacture			EP							
	2	Model			CQD12H-J	CQD12H-JC2	CQD14H-J	CQD14H-JC2	CQD16H-J	CQD16H-JC2	CQD20H-J	CQD20H-JC2
	3	Power type			Battery		Battery		Battery		Battery	
	4	Rated capacity		kg	1200		1400		1600		2000	
	5	Load center		mm	600		600		600		600	
Dimensions	6	Lift height		mm	3000		3000		3000		3000	
	7	Free lift height		mm	340		340		340		340	
	8	Fork size	L x W x T	mm	1070 × 120 × 40		1070 × 120 × 40		1070 × 120 × 40		1070 × 120 × 40	
	9	Fork spread(outside)	Min. / Max.	mm	220 / 896		220 / 896		220 / 896		220 / 896	
	10	Mast tilt range (Refer to mast table)	α° / β°	deg	2 / 4		2 / 4		2 / 4		2 / 4	
	11	Axle centre of fork face		mm	390		390		330		330	
	12	Overall dimensions	Length to face of fork	mm	1802		1802		1802		1882	
	13		Overall width	mm	1240		1240		1240		1272	
	14		Mast lowered height	mm	2100		2100		2100		2100	
	15		Mast extended height	mm	3565		3565		3565		3565	
	16		Overhead guard height	mm	2075		2075		2075		2075	
	17	Turning radius(outside)		mm	1675		1675		1675		1755	
	18	Min.right angle stacking aisle width (Ast)	Pallet: W x B=1200 x 1000	mm	2825		2825		2825		2905	
	19		Pallet: W x B=800 x 1200	mm	2600		2600		2600		2680	
Performance	20	Speed	Travel	Km / h	10.2		10.2		10.2		10.2	
	21		Lifting (Full load)	mm/sec	260		260		220		210	
	22	Extend distance		mm	602		602		542		542	
	23	Max. Gradeability (Full load)		%	10		10		10		10	
	24	Self weight		kg	2850		2850		3000		3250	
Wheels & tires	25	Wheels (diameterxwidth)	Front	mm	285 x 100		285 x 100		285 x 100		343 x 108	
	26		Drive	mm	343 x 114		343 x 114		343 x 114		343 x 114	
	27	Wheelbase		mm	1420		1420		1420		1500	
	28	Ground clearance		mm	70		70		70		70	
Drive units & control	29	Battery	Model		D-400B		D-400B		D-500		D-500	
	30		Voltage / Capacity (5 HR)	V / AH	48 / 400		48 / 400		48 / 500		48 / 500	
	31		Weight (with box)	kg	760		760		900		900	
	32	Electric motors	Drive	Rated output / S60min	kw	5.4	5.5	5.4	5.5	5.4	5.5	5.5
	33		Load	Rated output / S15min	kw	7.5	12.8	7.5	12.8	7.5	12.8	12.8
	34	Control	Manufacture		CURTIS	CURTIS	CURTIS	CURTIS	CURTIS	CURTIS	CURTIS	CURTIS
	35		Type		DC	AC	DC	AC	DC	AC	DC	AC
	36	Operating pressure		MPa	14.5		14.5		14.5		14.5	

1. Specical lifting height available (2.7m, 3.5m, 3.6m, 4m, 4.3m, 4.5m. 4.8m, 5m,5.5m, 6m, 6.5m, 7m, 7.5m, 8m).
2. Attachment available.
3. Battery charger available.
4. The specification in this table are for standard models only. For further information please contact us.
5. Specification are subject to change without notice.

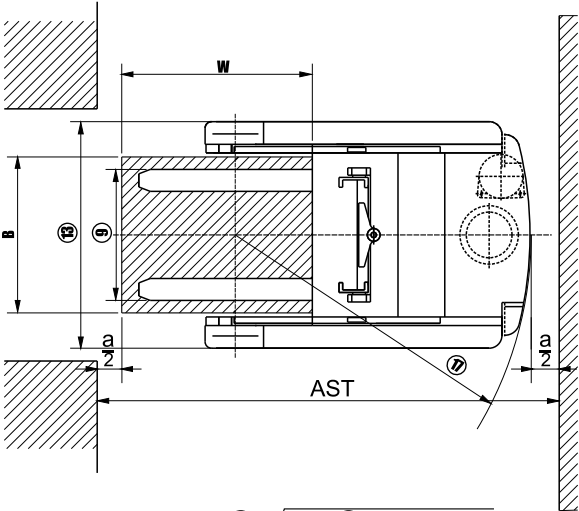
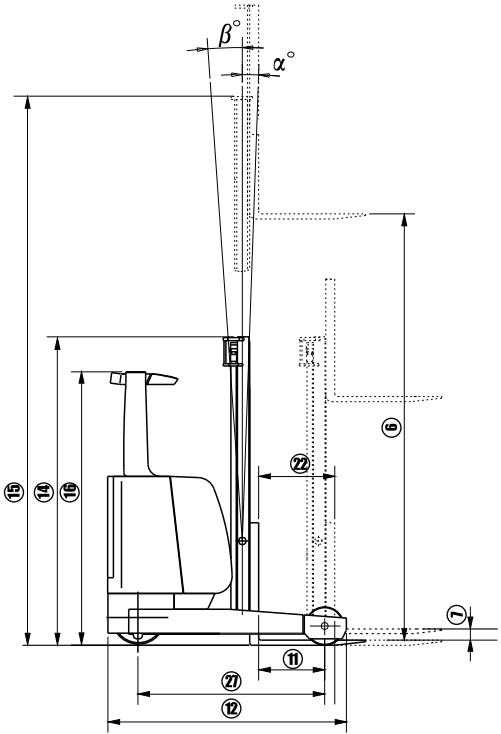
H series Reach truck mast specification

Type	Model	Mast fork height	Overall height		Free lift	Tilt range		Tilting method
			Lowered	Extended With backrest	Without backrest	FWD	RWD	
Wide view mast	1.4QM / 2QM	2700	1925	3265	340	2	4	Mast tilting
		3000	2075	3565	340	2	4	
		3300	2225	3865	340	2	4	
		3500	2325	4065	340	2	4	
		3600	2375	4165	340	2	4	
		4000	2625	4065	340	2	4	
		4300	2790	4865	340	2	4	
		4500	2900	5065	340	2	4	
Wide view full free 3-stage mast	1.4QN / 2QN	4300	2085	4900	1500	2	4	Fork carriage tilting
		4500	2165	5100	1500	2	4	
		4800	2265	5400	1600	2	4	
		5000	2315	5600	1700	2	4	
		5500	2490	6100	1850	2	4	
		6000	2665	6600	2000	2	5	
		6500	2815	7100	2200	2	5	
		7000	2975	7600	2380	2	5	
		7500	3145	8100	2540	2	5	
		8000	3310	8600	2725	2	5	

LOAD CHART



DIMENSIONS



$$AST = a + \textcircled{17} + \sqrt{(W - \textcircled{11})^2 + (B / 2)^2}$$

a : safety clearance
B : Pallet width
W : Pallet length

Standard Feature

- PU drive wheel & support wheel
- High capacity storage battery
- Emergency disconnect switch
- 3 Spools control valve
- Arm rest, head protector
- High elastic seat
- Drive, lift, steering controlled
- LED Instrument and LCD hour meter
- 3 meters 2-stage mast
- Adjustable steering column
- Front head lamp
- CURTIS MOSFET chopper controller
- Separated Excited Motor



Optional Feature

- AC motor
- Safety pedal
- 4 spools control valve
- 4.3-8 meters 3-stage mast
- 2.7-4.5 meters 2-stage mast
- With attachment
- Fast battery-charge system
- High capacity battery
- Front wheel protect cover
- Higher or wider backrest





T Series | 1.5-1.8t (Diesel, Gasoline, LPG)
T series Internal Combustion Forklift

EP EQUIPMENT CO.,LTD.
www.ep-eq.com 

Performance

1.Wide-view Mast

The operator is able to work with increased safety and accuracy due to a wider view mast.

2.Adjustable Steering Wheel

Steering wheel can be adjusted by a lever on the right hand side for the most comfortable operator position .

3.Simple, Small-Stroke F/R Lever

The forward reverse lever swings through a smaller arc than previous models, meaning less effort and less total time used during this basic, often performed function .

4.Automobile-Style Light/Turn Signal Lever

The automotive influence seen in the T Series extends to the thoughtful use of an automobile style light and turnsignal lever, with simple actions that let the operator focus on the job .

5.Wide-Open Operation Space

The area between the foot pedals and the body below the seat is open and free of obstructions that hamper entering and exiting the forklift .

6.Easily-Detached Floor Panel

One touch removal of the floorboard gets you right to service operations and reduces down time .

7.Brake Oil

Easy to check and add brake oil .

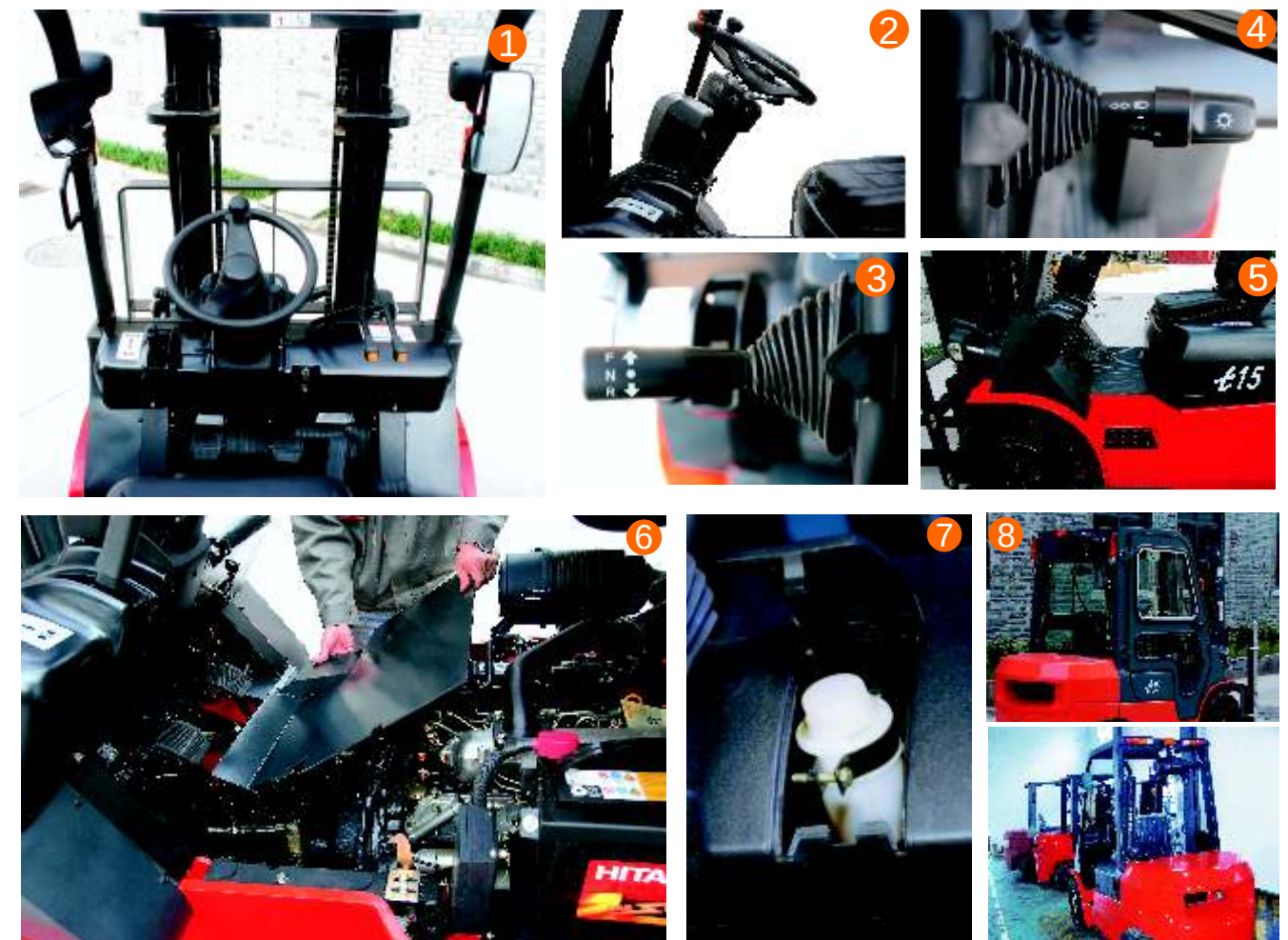
8.Option

Special carriage and backrest

Other dimension forks Dual drive wheel with fender Cabin Heater and air condition Dual air cleaner or special air cleaner Rear working light.

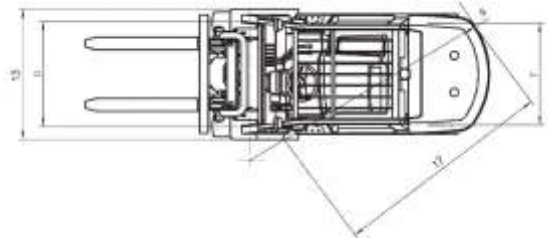
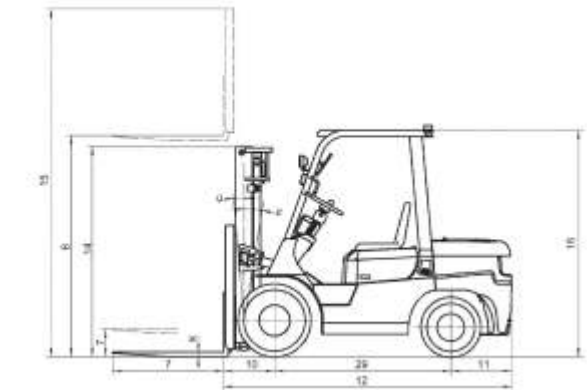
Custom color paint

High mounted exhaust system Middle mounted exhaust system Sideshifter Other attachment Lpg fuel system (single, dual)



T series Internal Combustion Forklift 1.5-1.8t （Diesel, Gasoline, LPG）

Characteristics					
1.1	Manufacturer		EP	EP	EP
1.2	Model designation		FD15T-NE92	FG15T-F2	FD18T-NE92
1.3	Drive unit		Diesel	Gasoline	Diesel
1.4	Operator type		Rider seated	Rider seated	Rider seated
1.5	Load capacity	Q (kg)	1500	1500	1800
1.6	Load center	c (mm)	500	500	500
1.8	Load distance	x (mm)	420	420	420
1.9	Wheelbase	y (mm)	1430	1430	1430
Weights					
2.1	Service weight	kg	2700	2700	2900
2.2	Axle loading, laden front/ rear	kg	3570/ 306	3570/ 306	3995/ 05
2.3	Axle loading, unladen front/ rear	kg	1215/ 485	1215/ 485	1305/ 595
Wheels, Chassis					
3.1	Tyre type		Pneumatic	Pneumatic	Pneumatic
3.2	Tyre size, front		6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
3.3	Tyre size, rear		5.00-8-10PR	5.00-8-10PR	5.00-8-10PR
3.5	Wheels, number front/ rear (x=drive wheels)		2x/ 2	2x/ 2	2x/ 2
3.6	Tread, front	b ₁₀ mm	920	920	920
3.7	Tread, rear	b ₁₁ mm	920	920	920
Dimensions					
4.1	Mast/ fork carriage tilt, forward/ backward	α / β (°)	6/ 21	6/ 21	6/ 21
4.2	Height, mast lowered	h ₁ mm	1995	1995	1995
4.3	Free lift	h ₂ mm	120	120	120
4.4	Lift height	h ₃ mm	3000	3000	3000
4.5	Height, mast extended	h ₄ mm	3960	3960	3960
4.7	Height of overhead guard (cabin)	h ₆ mm	2070	2070	2070
4.19	Overall length	l ₁ mm	3150	3150	3190
4.20	Length to face of forks	l ₂ mm	2230	2230	2270
4.21	Overall width	b ₁ /b ₂ mm	1080	1080	1080
4.22	Fork dimensions	s/ e/ l (mm)	40 × 100 × 90	40 × 100 × 90	40 × 100 × 90
4.31	Ground clearance, laden, below mast	m ₁ mm	110	110	110
4.32	Ground clearance, center of wheelbase	m ₂ mm	145	145	145
4.33	Aisle width, 800×1000 pallet crossways	Ast (mm)	3560	3560	3600
4.35	Outer turning radius	Wa (mm)	1995	1995	2035
Performance					
5.1	Travel speed, unladen	km/ h	14	14	14
5.2	Lifting speed, laden	m/ s	0.46	0.46	0.46
5.3	Lowering speed, laden	m/ s	0.45	0.45	0.45
5.6	Maximum drawbar pull, laden S ₂ min.	N	20500 (17500)	20500 (17500)	20500 (17500)
5.8	Maximum gradeability, laden S ₂ min.	%	20	20	20
5.10	Service brake		hydraulic	hydraulic	hydraulic
Drive					
7.1	Engine manufacturer		YANMAR	MAZDA	YANMAR
	Engine type		4TNE92	F2(2.2L)	4TNE92
7.2	Engine output/r.p.m	kW	33/ 450	37.2/ 700	33/ 450
	Rated torque/r.p.m	N.m	136/ 600	142/ 800	136/ 600
7.4	Number of cylinders		4	4	4
	Displacement	cm ³	2659	2184	2659
	Bore×Stroke	mm	92 × 100	86 × 94	92 × 100
	Fuel tank capacity	L	50	50	50
Others					
8.0	Battery, Voltage/Capacity(20HR)	V/AH	12/60	12/60	12/60
8.1	Type of drive control		hydraulic transmission	hydraulic transmission	hydraulic transmission
	Stage	FWD/RVS	1/1	1/1	1/1
	Manufacturer		CHINA	CHINA	CHINA
8.2	Operating pressure for attachments	bar	175	175	175
8.4	Sound level at operator's ear	dB (A)	? ?	? ?	? ?

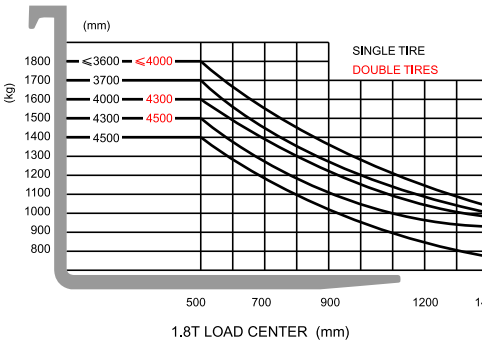
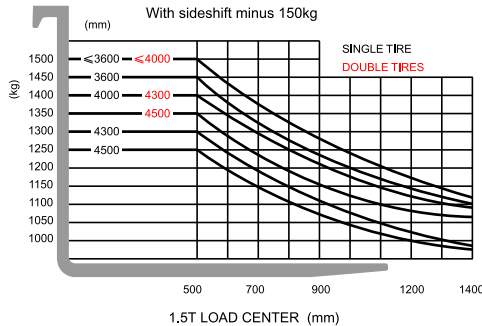


1.5-1.8t T series mast:(Pneumatic)

Tpye										
Model	Max.fork height	Overall height			Free lift		Front Overhang		Tilt range	
		Lowered	Extended		Without backrest	With backrest			FWD	BWD
			Without backrest	With backrest			1.5t	1.8t		
	mm	mm	mm	mm	mm	mm	mm	mm	Deg	Deg
2W300	3000	1995	3585	3955	120	120	420	420	6	12
2W330	3300	2145	3885	4255	120	120	420	420	6	12
2W350	3500	2245	4085	4455	120	120	420	420	6	12
2W360	3600	2295	4185	4555	120	120	420	420	6	12
2W400	4000	2545	4585	4955	120	120	420	420	6	12
2W430	4300	2695	4885	5255	120	120	420	420	6	12
2W450	4500	2795	5085	5455	120	120	420	420	6	6
Full free 2-stage mast										
2F300	3000	2040	3605	3955	1345	1105	420	420	6	12
2F330	3300	2190	3905	4255	1495	1165	420	420	6	12
Full free 3-stage mast										
3F430	4300	1965	5070	5255	1425	1080	440	440	6	6
3F450	4500	2045	5130	5465	1485	1140	440	440	6	6
3F480	4800	2160	5445	5755	1575	1230	440	440	6	6
3F500	5000	2210	5605	5955	1665	1320	440	440	6	6
3F550	5500	2375	6120	6455	1825	1480	440	440	3	6
3F600	6000	2600	6695	6955	1975	1630	440	440	3	6

Options
2.0-5.0m / 79-197 inch duplex mast
2.5-4.0m / 98-157 inch full free duplex mast
4.3-6.5m / 169-256 inch triplex mast
Special carriage and backrest
Other dimension forks
Dual drive wheel with fender
Solid tyre
Colored tyre (white / green)
Cabin
Heater and air condition
Fire extinguisher
Semi-suspension seat or full-suspension seat
Dual air cleaner or special air cleaner
Rear working light
Customer painting
Auxiliary hydraulic valve modules
High-mounted exhaust system
Middle-mounter exhaust system
Anti-fire spark exhaust device
Diesel exhaust da purifier
Radiator screen
Side shifter
Integrated side shifter
Other attachment

LOAD CAPACITY CHART
2-stage mast





T Series 2.0-2.5t (Diesel, Gasoline, LPG)
T series Internal Combustion Forklift

EP EQUIPMENT CO.,LTD.
www.ep-ep.com



T series Internal Combustion Forklift 2.0-2.5t （Diesel, Gasoline, LPG）

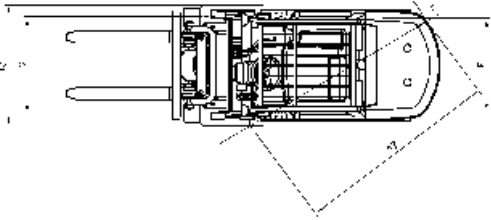
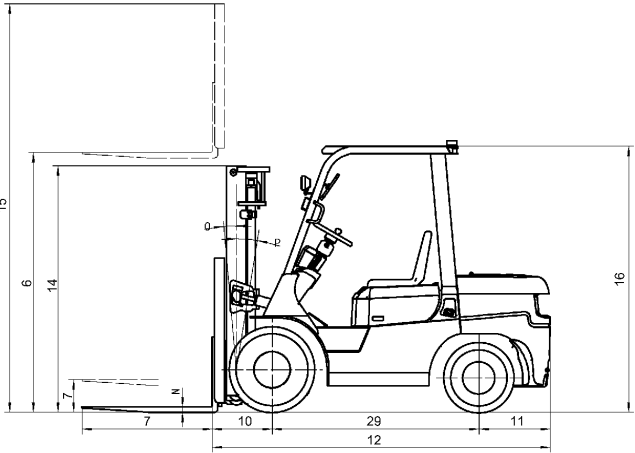
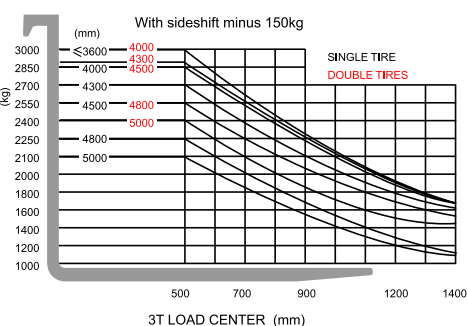
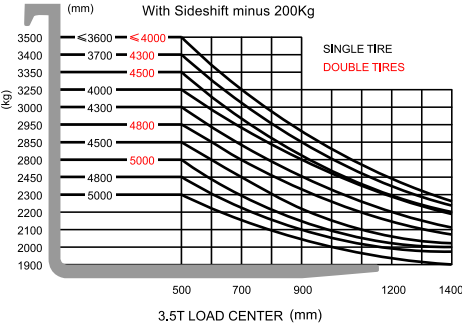
Characteristics												
1.1	Manufacturer		EP	EP	EP	EP	EP	EP	EP	EP	EP	EP
1.2	Model designation		FD20T-TD27	FD20T-NE92	FD20T-A490	FD20T-C490	FG20T-F2	FD25T-TD27	FD25T-NE92	FD25T-A490	FD25T-C490	FG25T-F2
1.3	Drive unit		Diesel	Diesel	Diesel	Diesel	Gasoline	Diesel	Diesel	Diesel	Diesel	Gasoline
1.4	Operator type		Rider seated	Rider seated	Rider seated	Rider seated	Rider seated	Rider seated	Rider seated	Rider seated	Rider seated	Rider seated
1.5	Load capacity	Q (kg)	2000	2000	2000	2000	2000	2500	2500	2500	2500	2500
1.6	Load center	c (mm)	500	500	500	500	500	500	500	500	500	500
1.8	Load distance	x (mm)	440	440	440	440	440	440	440	440	440	440
1.9	Wheelbase	y (mm)	1600	1600	1600	1600	1600	1600	1600	1600	1600	1600
Weights												
2.1	Service weight	kg	3570	3570	3570	3570	3570	3900	3900	3900	3900	3900
2.2	Axle loading, laden front/ rear	kg	4846/ 724	4846/ 724	4846/ 724	4846/ 724	4846/ 724	5568/ 832	5568/ 832	5568/ 832	5568/ 832	5568/ 832
2.3	Axle loading, unladen front/ rear	kg	1428/ 2142	1428/ 2142	1428/ 2142	1428/ 2142	1428/ 2142	1560/ 2340	1560/ 2340	1560/ 2340	1560/ 2340	1560/ 2340
Wheels, Chassis												
3.1	Tyre type		Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic
3.2	Tyre size, front		7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR
3.3	Tyre size, rear		6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR
3.5	Wheels, number front/ rear (x=drive wheels)		2x/ 2	2x/ 2	2x/ 2	2x/ 2	2x/ 2	2x/ 2	2x/ 2	2x/ 2	2x/ 2	2x/ 2
3.6	Tread, front	b ₀ (mm)	970	970	970	970	970	970	970	970	970	970
3.7	Tread, rear	b ₁ (mm)	970	970	970	970	970	970	970	970	970	970
Dimensions												
4.1	Mast/ fork carriage tilt, forward/ backward	a/ B (°)	6/ 12	6/ 12	6/ 12	6/ 12	6/ 12	6/ 12	6/ 12	6/ 12	6/ 12	6/ 12
4.2	Height, mast lowered	h ₁ (mm)	1995	1995	1995	1995	1995	1995	1995	1995	1995	1995
4.3	Free lift	h ₂ (mm)	120	120	120	120	120	120	120	120	120	120
4.4	Lift height	h ₃ (mm)	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
4.5	Height, mast extended	h ₄ (mm)	4200	4200	4200	4200	4200	4200	4200	4200	4200	4200
4.7	Height of overhead guard (cabin)	h ₅ (mm)	2130	2130	2130	2130	2130	2130	2130	2130	2130	2130
4.19	Overall length	l ₁ (mm)	3600	3600	3600	3600	3600	3670	3670	3670	3670	3670
4.20	Length to face of forks	l ₂ (mm)	2530	2530	2530	2530	2530	2600	2600	2600	2600	2600
4.21	Overall width	b ₁ / b ₂	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
4.22	Fork dimensions	s/ e/ l	40×120×1070	40×120×1070	40×120×1070	40×120×1070	40×120×1070	40×120×1070	40×120×1070	40×120×1070	40×120×1070	40×120×1070
4.31	Ground clearance, laden, below mast	m ₁ (mm)	120	120	120	120	120	120	120	120	120	120
4.32	Ground clearance, center of wheelbase	m ₂ (mm)	145	145	145	145	145	145	145	145	145	145
4.33	Aisle width, 800×1000 pallet crossways	Ast (mm)	3753	3753	3753	3753	3753	3823	3823	3823	3823	3823
4.35	Outer turning radius	Wa (mm)	2170	2170	2170	2170	2170	2240	2240	2240	2240	2240
Performance												
5.1	Travel speed, unladen	km/ h	20	20	20	20	20	20	20	20	20	20
5.2	Lifting speed, laden	m/ s	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
5.3	Lowering speed, laden	m/ s	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45	0.45
5.6	Maximum drawbar pull, laden, S 5 min.	N	17500	17500	17500	17500	17500	17500	17500	17500	17500	17500
5.8	Maximum gradeability, laden, S 5 min.	%	20	20	20	20	20	20	20	20	20	20
5.10	Service brake		hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic
Drive												
7.1	Engine manufacturer		NISSAN	YANMAR	CHINA	CHINA	MAZDA	NISSAN	YANMAR	CHINA	CHINA	MAZDA
	Engine type		TD27	4TNE92	A490BPG	C490BPG	F2(2.2L)	TD27	4TNE92	A490BPG	C490BPG	F2(2.2L)
7.2	Engine output/r.p.m	kW	44	33	37	36.8	37.2	44	33	37	36.8	37.2
	Rated torque/r.p.m	N.m	172/1600	136/1600	148/1800	156/1700	142/1800	172/1600	136/1600	148/1800	156/1700	142/1800
7.4	Number of cylinders		4	4	4	4	4	4	4	4	4	4
	Displacement	cm ³	2663	2659	2540	2670	2184	2663	2659	2540	2670	2184
	Bore×Stroke	mm	96×92	92×100	90×100	90×105	86×94	96×92	92×100	90×100	90×105	86×94
	Fuel tank capacity	L	60	60	60	60	60	60	60	60	60	60
Others												
8.0	Battery, Voltage/Capacity(20HR)	V/AH	12/60	12/60	12/80	12/80	12/60	12/60	12/60	12/80	12/80	12/60
8.1	Type of drive control		hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic
	Stage	FWD/RVS	transmission 1/1	transmission 1/1	transmission 1/1	transmission 1/1	transmission 1/1	transmission 1/1	transmission 1/1	transmission 1/1	transmission 1/1	transmission 1/1
	Manufacturer		CHINA	CHINA	CHINA	CHINA	CHINA	CHINA	CHINA	CHINA	CHINA	CHINA

1. Specical lifting height available
2. Attachment available.
3. The specification in this table are for standard models only. For further information please contact us.
4. Specification are subject to change without notice.

T series Internal Combustion Forklift 3.0-3.5t （Diesel, Gasoline, LPG）

Characteristics										
1.1	Manufacturer		EP	EP	EP	EP	EP	EP	EP	
1.2	Model designation		FD30T-TD27	FD30T-C490	FD30T-A498	FG30T-F2	FD35T-TD27	FD35T-QD32	FD35T-A498	FG35T-F2
1.3	Drive unit		Diesel	Diesel	Diesel	Gasoline	Diesel	Diesel	Diesel	Gasoline
1.4	Operator type		Rider seated	Rider seated	Rider seated	Rider seated	Rider seated	Rider seated	Rider seated	Rider seated
1.5	Load capacity	Q (kg)	3000	3000	3000	3000	3500	3500	3500	3500
1.6	Load center	c (mm)	500	500	500	500	500	500	500	500
1.8	Load distance	x (mm)	440	440	440	440	492	492	492	492
1.9	Wheelbase	y (mm)	1700	1700	1700	1700	1760	1760	1760	1760
Weights										
2.1	Service weight	kg	4450	4450	4450	4450	4650	4650	4650	4650
2.2	Axle loading, laden front/ rear	kg	6488/ 962	6488/ 962	6488/ 962	6488/ 962	7091/ 1060	7091/ 1060	7091/ 1060	7091/ 1060
2.3	Axle loading, unladen front/ rear	kg	1810/ 2640	1810/ 2640	1810/ 2640	1810/ 2640	1860/ 2790	1860/ 2790	1860/ 2790	1860/ 2790
Wheels, Chassis										
3.1	Tyre type		Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic	Pneumatic
3.2	Tyre size, front		28×9-15-12PR	28×9-15-12PR	28×9-15-12PR	28×9-15-12PR	28×9-15-12PR	28×9-15-12PR	28×9-15-12PR	28×9-15-12PR
3.3	Tyre size, rear		6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
3.5	Wheels, number front/ rear (x=drive wheels)		2x/ 2	2x/ 2	2x/ 2	2x/ 2	2x/ 2	2x/ 2	2x/ 2	2x/ 2
3.6	Tread, front	b ₁₀ (mm)	1010	1010	1010	1010	1010	1010	1010	1010
3.7	Tread, rear	b ₁₁ (mm)	980	980	980	980	980	980	980	980
Dimensions										
4.1	Mast/ fork carriage tilt, forward/ backward	a/ β (°)	6/ 12	6/ 12	6/ 12	6/ 12	6/ 12	6/ 12	6/ 12	6/ 12
4.2	Height, mast lowered	h ₁ (mm)	2005	2005	2005	2005	2017	2017	2017	2017
4.3	Free lift	h ₂ (mm)	120	120	120	120	120	120	120	120
4.4	Lift height	h ₃ (mm)	3000	3000	3000	3000	3000	3000	3000	3000
4.5	Height, mast extended	h ₄ (mm)	4210	4210	4210	4210	4210	4210	4210	4210
4.7	Height of overhead guard (cabin)	h ₆ (mm)	2180	2180	2180	2180	2180	2180	2180	2180
4.19	Overall length	l ₁ (mm)	3800	3800	3800	3800	3860	3860	3860	3860
4.20	Length to face of forks	l ₂ (mm)	2730	2730	2730	2730	2790	2790	2790	2790
4.21	Overall width	b ₁ / b ₂ (mm)	1250	1250	1250	1250	1250	1250	1250	1250
4.22	Fork dimensions	s/ e/ l (mm)	40×125×1070	40×125×1070	40×125×1070	40×125×1070	50×125×1070	50×125×1070	50×125×1070	50×125×1070
4.31	Ground clearance, laden, below mast	m ₁ (mm)	140	140	140	140	140	140	140	140
4.32	Ground clearance, center of wheelbase	m ₂ (mm)	175	175	175	175	175	175	175	175
4.33	Aisle width, 800×1000 pallet crossways	Ast (mm)	3873	3873	3873	3873	3923	3923	3923	3923
4.35	Outer turning radius	Wa (mm)	2450	2450	2450	2450	2510	2510	2510	2510
Performance										
5.1	Travel speed, unladen	km/ h	18.5	18.5	18.5	18.5	18	18	18	18
5.2	Lifting speed, laden	m/ s	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
5.3	Lowering speed, laden	m/ s	0.4	0.4	0.4	0.4	0.45	0.45	0.45	0.45
5.6	Maximum drawbar pull, laden S2 5 min.	N	21000	21000	21000	21000	23100	23100	23100	23100
5.8	Maximum gradeability, laden S2 5 min.	%	20	20	20	20	18	18	18	18
5.10	Service brake		hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic	hydraulic
Drive										
7.1	Engine manufacturer		NISSAN	CHINA	CHINA	MAZDA	NISSAN	NISSAN	CHINA	MAZDA
	Engine type		TD27	C490BPG	A498BPG	F2(2.2L)	TD27	QD32	A498BPG	F2(2.2L)
7.2	Engine output/r.p.m	kW	44/ 2500	36.8/ 2650	45/ 2500	37.2/ 2700	44/ 2500	44/ 2300	45/ 2500	37.2/ 2700
	Rated torque/r.p.m	N.m	172/ 1600	156/ 1700	193/ 1600	142/ 1800	172/ 1600	189/ 1800	193/ 1600	142/ 1800
7.4	Number of cylinders		4	4	4	4	4	4	4	4
	Displacement	cm ³	2663	2670	3168	2184	2663	3153	3168	2184
	Bore×Stroke	mm	96×92	90×105	98×105	86×94	96×92	99×102	98×105	86×94
	Fuel tank capacity	L	60	60	60	60	60	60	60	60
Others										
8.0	Battery, Voltage/Capacity(20HR)	V/AH	12/60	12/80	12/80	12/60	12/60	12/60	12/80	12/60
8.1	Type of drive control		hydraulic transmission	hydraulic transmission	hydraulic transmission	hydraulic transmission	hydraulic transmission	hydraulic transmission	hydraulic transmission	hydraulic transmission
	Stage	FWD/RVS	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
	Manufacturer		CHINA	CHINA	CHINA	CHINA	CHINA	CHINA	CHINA	CHINA
8.2	Operating pressure for attachments	bar	175	175	175	175	175	175	175	175
8.4	Sound level at operator's ear	dB (A)	—	—	—	—	—	—	—	—

2-stage mast



3.0-3.5t T series mast: (pneumatic)

Tpe										
Model	Max.fork height	Overall height			Free lift		Front Overhang		Tilt range	
		Lowered	Extended		Without backrest	With backrest	3.0t	3.5t	FWD	BWD
			Without backrest	With backrest						
	mm	mm	mm	mm	mm	mm	mm	mm	Deg	Deg
Wide view mast 2-stage mast										
2W300	3000	2025	3570	4250	120	120	440	440	6	12
2W330	3300	2145	3690	4370	120	120	440	440	6	12
2W350	3500	2245	3890	4570	120	120	440	440	6	12
2W360	3600	2295	3990	4670	120	120	440	440	6	12
2W400	4000	2495	4040	4720	120	120	440	440	6	12
2W430	4300	2645	4340	5020	120	120	440	440	6	6
2W450	4500	2745	4290	4970	120	120	440	440	6	6
Full free 2-stage mast										
2F300	3000	2080	2620	3300	1460	810	440	440	6	12
2F330	3300	2230	3870	4550	1610	960	440	440	6	12
Full free 3-stage mast										
3F430	4300	2000	5570	4910	1360	730	460	460	6	6
3F450	4500	2080	5750	5070	1460	810	460	460	6	6
3F480	4800	2125	6050	5375	1565	915	460	460	6	6
3F500	5000	2270	6250	5570	1610	960	460	460	6	6
3F550	5500	2350	6830	6150	1770	1120	460	460	3	6
3F600	6000	2770	7250	6570	2020	1370	460	460	3	6

Options
2.0-5.0m / 79-197 inch duplex mast
2.5-4.0m / 98-157 inch full free duplex mast
4.3-6.5m / 169-256 inch triplex mast
Special carriage and backrest
Other dimension forks
Dual drive wheel with fender
Solid tyre
Colored tyre (white / green)
Cabin
Heater and air condition
Fire extinguisher
Semi-suspension seat or full-suspension seat
Dual air cleaner or special air cleaner
Rear working light
Customer painting
Auxiliary hydraulic valve modules
High-mounted exhaust system
Middle-mounter exhaust system
Anti-fire spark exhaust device
Diesel exhaust da purifier
Radiator screen
Side shifter
Integrated side shifter
Other attachment



1.0-1.8t (Diesel)
R series Internal Combustion Forklift

EP EQUIPMENT CO.,LTD.
www.ep-eq.com



OPERATION

Adopted advanced ergonomic technology optimizes the design of control system, improves the comfortable of operation much more.

Adopted advanced vibration-reduction technology designs each part's vibration reduction, reduces the whole truck vibration. Among them, the hood is designed to full floating type, and vibration reduction device for steering axle enables the operation more comfortable.



ISUZU C240

Displacement
2369 cc
Rated output:
34.5 Kw/2500rpm
Rated torque:
139 N-m/1800rpm

Options

- 2.0-5.0m duplex mast
- 2.5-4.0m full free duplex mast
- 4.3-6.5m triplex mast
- Special carriage and backrest
- Other dimension forks
- Dual drive wheel with fender
- Solid tyre
- Colored tyre(white green)
- Cabin
- Heater and air condition
- Fire extinguisher
- Semi-suspension seat or full-suspension seat
- Dual air cleaner or special air cleaner
- Rear working light
- Customer painting
- Auxiliary hydraulic valve modules
- High-mounted exhaust system
- Middle-mounted exhaust system
- Anti-fire spark exhaust device
- Diesel exhaust das purifier
- LPG swing-down bracket
- Radiator screen
- Sideshifter
- Integrated sideshifter
- Other attachment
- LPG fuel system(single dual)

- The clearance between the steering axle and support rod can be adjusted, to improve the adaptability for ground.
- The pin of the tilt cylinder adopts a build-in grease fitting, which enables the greas fitting more dependable.
- The high performance specific tires for forklift trucks increase the work life of tires much more.

APPEARANCE

The latest appearance design method was used to create the R series fluent and aesthetic outline, that matches the latest appearance trend.

The large engineering plastic covering enables the whole truck looks friendly and natural.

EFFICIENCY

Thanks to the long wheelbase design, the longitudinal stability of whole truck is much better, the hoisting capacity at same lift height are enhanced by an average of 100kg compared with former truck. At the same time, it prolongs work time of rear wheel as the reduced rear axle's load.

The travel speed of truck has been raised, for example, the 2-2.5t type comes to 20km/h.

Increasing the hard proportion of hydraulic pipe, adopting right angle connector or straight through connector, that reduce the pressure loss of pipeline, and raise the lifting speed of mast, the speed is increased by an average of 10% compared with former truck.

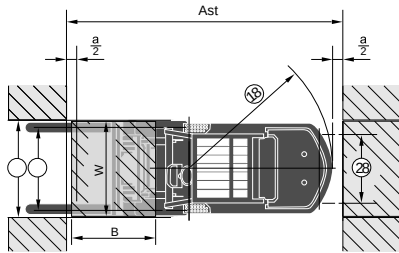
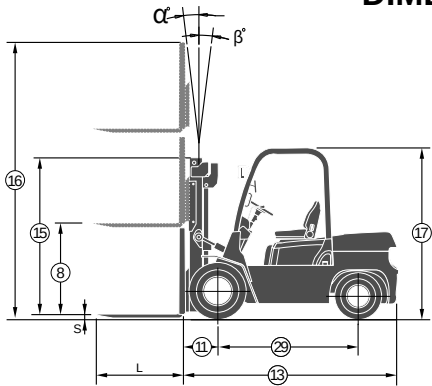
Turning radius and width of right angle stacking aisle are decreased through reducing the dimensions of whole truck, that raise the efficiency of storehouse.



Gernal	No.	Manufacturer			EP										
	1	Basic model			CPCD10N			CPCD15N			CPCD18N				
	2	Type			RG26	RW10	RW32	RG26	RW10	RW32	RG26	RW10	RW32		
	3	Power type			Diesel			Diesel			Diesel				
	4	Rated capacity		kg	1000			1500			1750				
Characteristics& Dimensions	5	Load center		mm	500			500			500				
	6	Lifting height		mm	3000			3000			3000				
	7	Free lifting height		mm	155			155			155				
	8	Fork size	L× W×T	mm	920×100×35			920×100×35			920×100×38				
	9	Mast tilt range	F/R	Deg	6/12			6/12			6/12				
	10	Fork overhang(wheel center to fork face)		mm	405			405			408				
	11	Rear overhang		mm	420			460			495				
	12	Overall Dimensions	length (to fork face)	mm	2225			2265			2300				
	13		Overall width	mm	1080			1080			1080				
	14		Mast lowered height	mm	1995			1995			1995				
	15		Mast extended height	mm	3960			3960			3960				
	16		Overhead guard height	mm	2110			2110			2110				
Performance	17	Turning radius(outside)		mm	1925			1970			2005				
	18	Min.right angle stacking aisle width (Add load length and clearance)		mm	2330			2375			2410				
	19	speed	Travel(Laden)	km/h	14.5			14.5			14.5				
	20		Lifting(Laden)	mm/s	460			510			510				
	21		Lowering(Laden)	mm/s	450			450			450				
	22	Max.Drawbar pull	Laden	N	19500	20500	15900	19500	20500	15900	19500	20500	15900		
	23	Max.Gradeability	(Laden)	%	20			20			20				
	24	Tyre	Front	mm	6.50-10-10PR			6.50-10-10PR			6.50-10-10PR				
	25		Rear	mm	5.00-8-10PR			5.00-8-10PR			5.00-8-10PR				
	26	Tread	Front	mm	890			890			890				
	27		Rear	mm	900			900			900				
	28	wheelbase		mm	1400			1400			1400				
	29	Ground clearance	lowest		115			115			115				
	30		wheelbase center		145			145			145				
Power& Transmission	31	Self weight		kg	2450			2740			2930				
	32	Weight distribution	laden (front/rear)		2945/510			3690/550			4075/605				
	33		unladen (front/rear)		1290/1160			1220/1520			1190/1740				
	34	Battery	Voltage/Capacity(20HR)		12/60			12/60			12/60				
	35	Engine	Model		NB485BPGBG	C240PKJ-30	4TNE92-HRJ	NB485BPGBG	C240PKJ-30	4TNE92-HRJ	NB485BPGBG	C240PKJ-30	4TNE92-HRJ		
	36		Manufacturer		XINCHAI	ISUZU	YANMAR	XINCHAI	ISUZU	YANMAR	XINCHAI	ISUZU	YANMAR		
	37		Rated output/r.p.m.	kw	30/2600	34.5/2500	32.8/2450	30/2600	34.5/2500	32.8/2450	30/2600	34.5/2500	32.8/2450		
	38		Rated torque/r.p.m.	N.m	131/1600	137.7/1800	149.4/1600	131/1600	137.7/1800	149.4/1600	131/1600	137.7/1800	149.4/1600		
	39		No.of cylinder			4	4		4	4		4	4		
	40		Bore×Stroke	mm		86×102	92×100		86×102	92×100		86×102	92×100		
	41		Emission STD		StageIIA	StageIIA/Tier 4 Interim			StageIIA	StageIIA/Tier 4 Interim			StageIIA	StageIIA/Tier 4 Interim	
	42		Displacement	cc	2270	2369	2659	2270	2369	2659	2270	2369	2659		
	43	Fuel tank capacity	L	50	50	50	50	50	50	50	50	50			
	44	Transmissions	Manufacture		CHINA			CHINA			CHINA				
	45		Type		Powershift			Powershift			Powershift				
46	Stage FWD/RVS			1/1			1/1			1/1					
	47	Operating pressure for attachment		Mpa	14.5			14.5			14.5				

- Special lifting height available(2-stage mast:2.5m,2.7m,3.0m,3.3m,3.6m,4m,4.5m,3-stage mast:4.3m,4.5m,4.8m,5m,5.5m,6m)
- Attachment available
- The specification in the table are for standard models only.For further information please contact us
- Specification are subject to change without notice

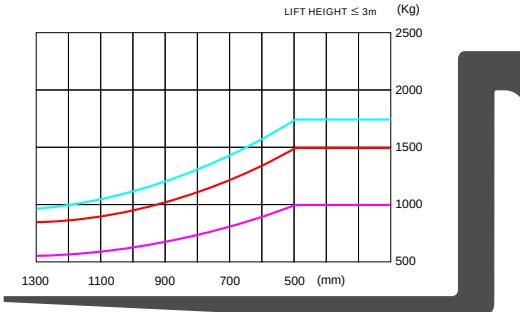
DIMENSIONS



a = 200 mm safety clearance

$$AST = a + ⑪ + ⑬ + \sqrt{W^2 + (B/2)^2}$$

LOAD CHART



1.0-1.8t R series mast:(pneumatic)

Type	Model	Max.fork height	Overall height				Free lift		Front Overhang		Tilt range	
			Lowered	Extended		Without backrest	With backrest	FWD			BWD	
				Without backrest	With backrest				1/1.5t	1.75t		
Wide view mast	R15/18M200	2000	1495	2585	2955	155	155	405	408	6	12	
	R15/18M250	2500	1745	3085	3455	155	155	405	408	6	12	
	R15/18M270	2700	1845	3285	3655	155	155	405	408	6	12	
	R15/18M300	3000	1995	3585	3955	155	155	405	408	6	12	
	R15/18M330	3300	2145	3885	4255	155	155	405	408	6	12	
	R15/18M350	3500	2245	4085	4455	155	155	405	408	6	12	
	R15/18M360	3600	2345	4185	4555	155	155	405	408	6	12	
	R15/18M400	4000	2595	4585	4955	155	155	405	408	6	12	
	R15/18M430	4300	2745	4885	5255	155	155	405	408	6	6	
	R15/18M450	4500	2845	5085	5455	155	155	405	408	6	6	
Wide view full free 2-stage mast	N15/18U250	2500	1760	3105	3455	1095	815	428	431	6	12	
	N15/18U270	2700	1860	3305	3655	1195	915	428	431	6	12	
	N15/18U300	3000	2010	3605	3955	1395	1055	428	431	6	12	
	N15/18U330	3300	2160	3905	4255	1545	1215	428	431	6	12	
	N15/18U360	3600	2310	4205	4555	1695	1365	428	431	6	12	
Wide view full free 3-stage mast	N15/18U400	4000	2560	4605	4955	1865	1615	428	431	6	12	
	N15/18N430	4300	2110	5070	5255	1350	1165	445	448	6	6	
	N15/18N450	4500	2120	5130	5465	1510	1175	445	448	6	6	
	N15/18N480	4800	2235	5445	5755	1600	1290	445	448	6	6	
	N15/18N500	5000	2285	5605	5955	1690	1340	445	448	6	6	
	N15/18N550	5500	2460	6120	6455	1850	1515	445	448	3	6	
	N15/18N600	6000	2685	6695	6955	2000	1740	445	448	3	6	



2.0-2.5t (Diesel)
R series Internal Combustion Forklift

EP EQUIPMENT CO.,LTD.
www.ep-eq.com



APPEARANCE

The latest appearance design method was used to create the R series fluent and aesthetic outline, that matches the latest appearance trend.

The large engineering plastic covering enables the whole truck looks friendly and natural.

EFFICIENCY

Thanks to the long wheelbase design, the longitudinal stability of whole truck is much better, the hoisting capacity at same lift height are enhanced by an average of 100kg compared with former truck. At the same time, it prolongs work time of rear wheel as the reduced rear axle's load.

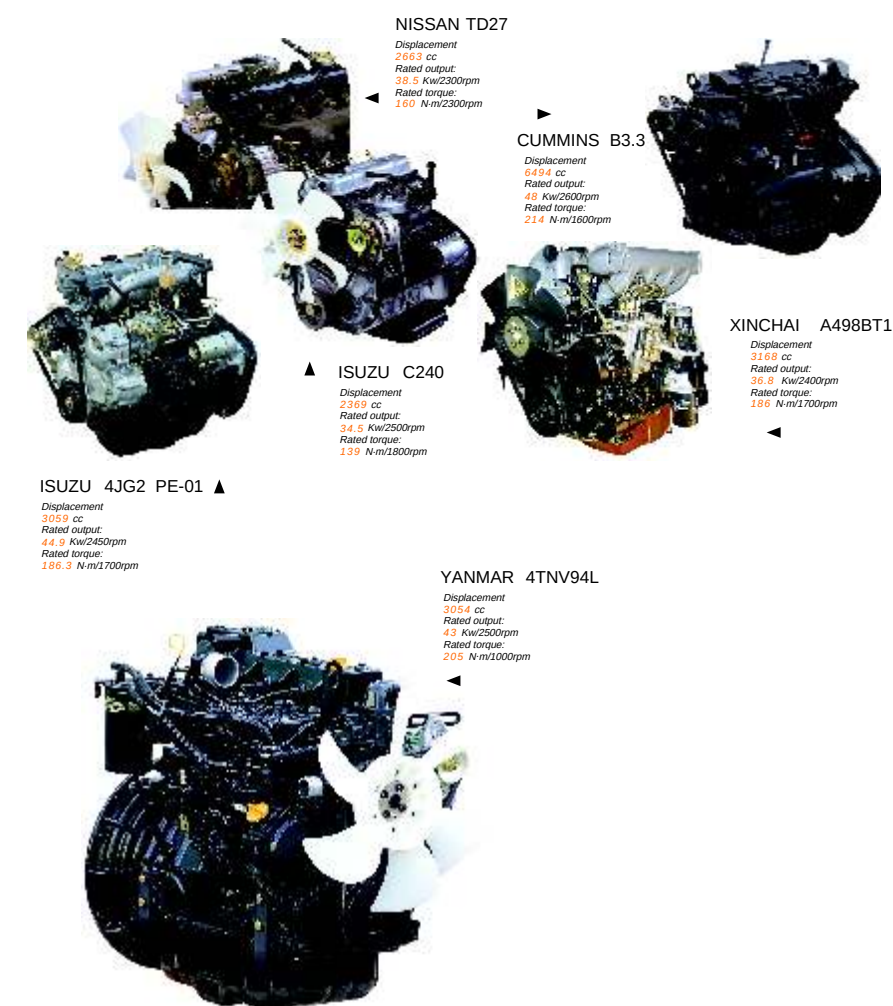
The travel speed of truck has been raised, for example, the 2-2.5t type comes to 20km/h.

Increasing the hard proportion of hydraulic pipe, adopting right angle connector or straight through connector, that reduce the pressure loss of pipeline, and raise the lifting speed of mast, the speed is increased by an average of 10% compared with former truck.

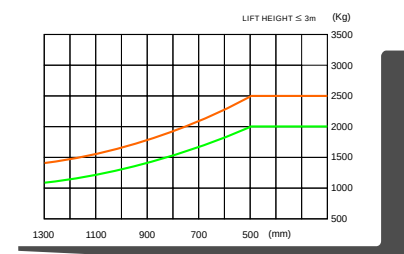
Turning radius and width of right angle stacking aisle are decreased through reducing the dimensions of whole truck, that raise the efficiency of storehouse.

Options

- 2.0-5.0m duplex mast
- 2.5-4.0m full free duplex mast
- 4.3-6.5m triplex mast
- Special carriage and backrest
- Other dimension forks
- Dual drive wheel with fender
- Solid tyre
- Colored tyre(white、 green)
- Cabin
- Heater and air condition
- Fire extinguisher
- Semi-suspension seat or full-suspension seat
- Dual air cleaner or special air cleaner
- Rear working light



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- Customer painting
- Auxiliary hydraulic valve modules
- High-mounted exhaust system
- Middle-mounted exhaust system
- Anti-fire spark exhaust device
- Diesel exhaust das purifier
- Radiator screen
- Sideshifter
- Integrated sideshifter
- Other attachment

R series 2.0-2.5t Diesel forklift specification

Gernal	No.		Manufacturer		EP																																																																																																																																																																																																																																																																															
	1		Basic model		CPCD20N										CPCD25N																																																																																																																																																																																																																																																																					
	2		Type	RW10	RW10B	RW6	RW6B	RG2	RG7	RW13	RW15A	RW27	RW30	RW32	RW33	RG7	RG2	RW6	RW6B	RW10	RW10B	RW13	RW27	RW30	RW15A	RW32	RW33	RW33B																																																																																																																																																																																																																																																								
	3		Power type	Diesel		Diesel		Diesel		Diesel		Diesel		Diesel		Diesel		Diesel		Diesel		Diesel		Diesel		Diesel		Diesel																																																																																																																																																																																																																																																								
	4		Rated capacity	kg		2000		2000		2000		2000		2000		2500		2500		2500		2500		2500		2500		2500																																																																																																																																																																																																																																																								
	5		Load center	mm		500		500		500		500		500		500		500		500		500		500		500		500																																																																																																																																																																																																																																																								
	6		Lifting height	mm		3000		3000		3000		3000		3000		3000		3000		3000		3000		3000		3000		3000																																																																																																																																																																																																																																																								
	7		Free lifting height	mm		150		150		150		150		150		150		150		150		150		150		150		150																																																																																																																																																																																																																																																								
Characteristics &Dimensions	8		Fork size	L×W×T		1070×122×40		1070×122×40		1070×122×40		1070×122×40		1070×122×40		1070×122×40		1070×122×40		1070×122×40		1070×122×40		1070×122×40		1070×122×45		1070×122×45																																																																																																																																																																																																																																																								
	9		Mast tilt range	F/R		6/12		6/12		6/12		6/12		6/12		6/12		6/12		6/12		6/12		6/12		6/12		6/12																																																																																																																																																																																																																																																								
	10		Fork overhang(wheel center to fork face)	mm		475		475		475		475		475		475		475		475		475		475		475		475																																																																																																																																																																																																																																																								
	11		Rear overhang	mm		405		405		408		405		480		480		480		480		480		480		480		480																																																																																																																																																																																																																																																								
	12		Overall Dimensions	length (to fork face)	mm	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530	2530																																																																																																																																																																																																																																																							
	13			Overall width	mm	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155	1155																																																																																																																																																																																																																																																							
	14			Mast lowered height	mm	1985	1985	1985	1985	1985	1985	1985	1985	1985	1985	1985	1985	1985	1985	1985	1985	1985	1985	1985	1985	1985	1985	1985	1985																																																																																																																																																																																																																																																							
	15			Mast extended height	mm	4045	4045	4045	4045	4045	4045	4045	4045	4045	4045	4045	4045	4045	4045	4045	4045	4045	4045	4045	4045	4045	4045	4045	4045																																																																																																																																																																																																																																																							
	Performance	16		Overhead guard height	mm	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120	2120																																																																																																																																																																																																																																																						
		17		Turning radius(outside)	mm	2175	2175	2175	2175	2175	2175	2175	2175	2175	2175	2175	2175	2175	2175	2175	2175	2175	2175	2175	2175	2175	2175	2175	2175	2175																																																																																																																																																																																																																																																						
18		Min.right angle stacking aisle width (Add load length and clearance)	mm	2650	2650	2650	2650	2650	2650	2650	2650	2650	2650	2650	2650	2650	2650	2650	2650	2650	2650	2650	2650	2650	2650	2650	2650	2650																																																																																																																																																																																																																																																								
19		Travel(No load)	km/h	20.5	20.5	20.5	20.5	20.5	20	18	19.5	20.5	20	20	20.5	20.5	20.5	20.5	20.5	20	18	19.5	20.5	20	20	20	20	20																																																																																																																																																																																																																																																								
20		speed	Lifting(Full load)	mm/s	410	510	470	510	500	450	540	480	580	570	520	540	580	580	580	580	580	580	580	580	580	580	580	580																																																																																																																																																																																																																																																								
21		Lowering((Full load)	mm/s	500	500	500	450	500	450	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500																																																																																																																																																																																																																																																								
22		Max.Drawbar pull	Full load	N	17000	25000	18000	17500	22700	23100	22600	23500	14500	18500	17500	18000	25000	17000	22700	23100	22600	23500	14500	18500	19700	19700	19700	19700																																																																																																																																																																																																																																																								
23		Max.Gradeability	Full load	%	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25																																																																																																																																																																																																																																																								
24		Tyres	Front	mm	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR	7.00-12-12PR																																																																																																																																																																																																																																																								
25			Rear	mm	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR																																																																																																																																																																																																																																																								
Power& Transmission	26		Tread	Front	mm	965	965	965	965	965	965	965	965	965	965	965	965	965	965	965	965	965	965	965	965	965	965	965	965																																																																																																																																																																																																																																																							
	27			Rear	mm	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5	970.5																																																																																																																																																																																																																																																							
	28		wheelbase	mm	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650																																																																																																																																																																																																																																																							
	29		Ground clearance	lowest		105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105																																																																																																																																																																																																																																																							
	30			wheelbase center		150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150	150																																																																																																																																																																																																																																																							
		31		Self weight	kg	3440	3440	3440	3440	3440	3440	3440	3440	3440	3440	3440	3440	3440	3440	3440	3440	3440	3440	3440	3440	3440	3440	3440	3440	3440																																																																																																																																																																																																																																																						
		32		Weight distribution	Full load (front/rear)		4815/625	4815/625	4815/625	4815/625	4815/625	4815/625	4815/625	4815/625	4815/625	4815/625	4815/625	4815/625	4815/625	4815/625	4815/625	4815/625	4815/625	4815/625	4815/625	4815/625	4815/625	4815/625	4815/625	4815/625																																																																																																																																																																																																																																																						
		33			NO load (front/rear)		1640/1800	1640/1800	1640/1800	1640/1800	1640/1800	1640/1800	1640/1800	1640/1800	1640/1800	1640/1800	1640/1800	1640/1800	1640/1800	1640/1800	1640/1800	1640/1800	1640/1800	1640/1800	1640/1800	1640/1800	1640/1800	1640/1800	1640/1800	1640/1800																																																																																																																																																																																																																																																						
		34		Battery	Voltage/Capacity(20HR)		12/100	12/100	12/100	12/100	12/100	12/100	12/100	12/100	12/100	12/100	12/100	12/100	12/100	12/100	12/100	12/100	12/100	12/100	12/100	12/100	12/100	12/100	12/100	12/100																																																																																																																																																																																																																																																						
		35		Model		C240PKJ-30	4TNV94L	A490BPG	490BPG	4JG2 PE-01	TD27	A498BT1	A498BPG	4TNE92-HRJ	4TNE98-BQFLC	490BPG	A490BPG	4TNV94L	C240PKJ-30	4JG2 PE-01	A498BT1	A498BPG	TD27	4TNE92-HRJ	4TNE98-BQFLC	490BPG	A490BPG	4TNV94L	C240PKJ-30	4JG2 PE-01	A498BT1	A498BPG	TD27	4TNE92-HRJ	4TNE98-BQFLC																																																																																																																																																																																																																																																	
36		Manufacturer		ISUZU	YANMAR	XINCHAI	XINCHANG	ISUZU	NISSAN	XINCHAI	XINCHAI	YANMAR	YANMAR	XINCHANG	XINCHAI	YANMAR	ISUZU	XINCHAI	XINCHAI	NISSAN	YANMAR	YANMAR	YANMAR	YANMAR	YANMAR	YANMAR	YANMAR	YANMAR	YANMAR	YANMAR	YANMAR	YANMAR	YANMAR																																																																																																																																																																																																																																																			
37		Rated output/r.p.m.	kw	34.5/2500	43/2500	37/2650	36.8/2650	44.9/2450	44/2500	36.8/2400	45/2500	32.8/2450	44.3/2300	36.8/2650	37/2650	43/2500	34.5/2500	44.9/2450	36.8/2400	45/2500	44/2500	32.8/2450	44.3/2300	36.8/2650	37/2650	43/2500	34.5/2500	44.9/2450	36.8/2400	45/2500	44/2500	32.8/2450	44.3/2300	36.8/2650	37/2650	43/2500	34.5/2500	44.9/2450	36.8/2400	45/2500	44/2500	32.8/2450	44.3/2300	36.8/2650	37/2650	43/2500	34.5/2500	44.9/2450	36.8/2400	45/2500	44/2500	32.8/2450	44.3/2300	36.8/2650	37/2650	43/2500	34.5/2500	44.9/2450	36.8/2400	45/2500	44/2500	32.8/2450	44.3/2300	36.8/2650	37/2650	43/2500	34.5/2500	44.9/2450	36.8/2400	45/2500	44/2500	32.8/2450	44.3/2300	36.8/2650	37/2650	43/2500	34.5/2500	44.9/2450	36.8/2400	45/2500	44/2500	32.8/2450	44.3/2300	36.8/2650	37/2650	43/2500	34.5/2500	44.9/2450	36.8/2400	45/2500	44/2500	32.8/2450	44.3/2300	36.8/2650	37/2650	43/2500	34.5/2500	44.9/2450	36.8/2400	45/2500	44/2500	32.8/2450	44.3/2300	36.8/2650	37/2650	43/2500	34.5/2500	44.9/2450	36.8/2400	45/2500	44/2500	32.8/2450	44.3/2300	36.8/2650	37/2650	43/2500	34.5/2500	44.9/2450	36.8/2400	45/2500	44/2500	32.8/2450	44.3/2300	36.8/2650	37/2650	43/2500	34.5/2500	44.9/2450	36.8/2400	45/2500	44/2500	32.8/2450	44.3/2300	36.8/2650	37/2650	43/2500	34.5/2500	44.9/2450	36.8/2400	45/2500	44/2500	32.8/2450	44.3/2300	36.8/2650	37/2650	43/2500	34.5/2500	44.9/2450	36.8/2400	45/2500	44/2500	32.8/2450	44.3/2300	36.8/2650	37/2650	43/2500	34.5/2500	44.9/2450	36.8/2400	45/2500	44/2500	32.8/2450	44.3/2300	36.8/2650	37/2650	43/2500	34.5/2500	44.9/2450	36.8/2400	45/2500	44/2500	32.8/2450	44.3/2300	36.8/2650	37/2650	43/2500	34.5/2500	44.9/2450	36.8/2400	45/2500	44/2500	32.8/2450	44.3/2300	36.8/2650	37/2650	43/2500	34.5/2500	44.9/2450	36.8/2400	45/2500	44/2500	32.8/2450	44.3/2300	36.8/2650	37/2650	43/2500	34.5/2500	44.9/2450	36.8/2400	45/2500	44/2500	32.8/2450	44.3/2300	36.8/2650	37/2650	43/2500	34.5/2500	44.9/2450	36.8/2400	45/2500	44/2500	32.8/2450	44.3/2300	36.8/2650	37/2650	43/2500	34.5/2500	44.9/2450	36.8/2400	45/2500	44/2500	32.8/2450	44.3/2300	36.8/2650	37/2650	43/2500	34.5/2500	44.9/2450	36.8/2400	45/2500	44/2500	32.8/2450	44.3/2300	36.8/2650	37/2650	43/2500	34.5/2500	44.9/2450	36.8/2400	45/2500	44/2500	32.8/2450	44.3/2300	36.8/2650	37/2650	43/2500	34.5/2500	44.9/2450	36.8/2400	45/2500	44/2500	32.8/2450	44.3/2300	36.8/2650	37/2650	43/2500	34.5/2500	44.9/2450	36.8/2400	45/2500	44/2500	32.8/2450	44.3/2300	36.8/2650	37/2650	43/2500	34.5/2500	44.9/2450	36.8/2400	45/2500	44/2500	32.8/2450	44.3/2300	36.8/2650	37	



3.0-3.5t (Diesel)
R series Internal Combustion Forklift

EP EQUIPMENT CO.,LTD.
www.ep-eq.com



INTRODUCTION

The new generation R series forklift is combined with durability and ergonomics, providing productivity unmatched by other forklifts and the comfort for hours of tireless operation. Add friendliness to the environment, simple servicing, efficiency on the job, high standards of safety---it's the perfect tool for the most demanding applications.

TRANSMISSION & ENGINE

The transmission can be chosen among OKAMURA, NISSAN with advanced structure and dependable function. Among them, the OKAMURA transmission adopts advanced float type structure, which can achieve a flexible connection between engine and frame, the vibrations of transmission to the frame is reduced. The engine can be chosen among the TD27, C240, 4JG2, 4TNV94L diesel engine and H20, H25 gasoline engine, with great power, economical fuel consumption and dependable functions.

EFFICIENCY

Thanks to the long wheelbase design, the longitudinal stability of whole truck is much better, the hoisting capacity at same lift height are enhanced by an average of 100kg compared with former truck. At the same time, it prolongs work time of rear wheel as the reduced rear axle's load.

The travel speed of truck has been raised, for example, the 2-2.5t type comes to 20km/h.

Increasing the hard proportion of hydraulic pipe, adopting right angle connector or straight through connector, that reduce the pressure loss of pipeline, and raise the lifting speed of mast, the speed is increased by an average of 10% compared with former truck.

Turning radius and width of right angle stacking aisle are decreased through reducing the dimensions of whole truck, that raise the efficiency of storehouse.

BRAKES

The 1-3.5t forklifts all adopt the new type drum brake. waterproof slot on the brake drum and framework oil seal on the axle tube avoid water or oil entering the brake drum, enable the dependability of brake to raise consumedly.



Options

- 2.0-5.0m duplex mast
- 2.5-4.0m full free duplex mast
- 4.3-6.5m triplex mast
- Special carriage and backrest
- Other dimension forks
- Dual drive wheel with fender
- Solid tyre
- Colored tyre(white, green)
- Cabin
- Heater and air condition
- Fire extinguisher
- Semi-suspension seat or full-suspension seat
- Dual air cleaner or special air cleaner
- Rear working light
- Customer painting
- Auxiliary hydraulic valve modules
- High-mounted exhaust system
- Middle-mounted exhaust system
- Anti-fire spark exhaust device
- Diesel exhaust das purifier
- Radiator screen
- Sideshifter
- Integrated sideshifter
- Other attachment



XINCHAI A498BT1
Displacement
3168 cc
Rated output:
36.8 Kw/2400rpm
Rated torque:
186 N·m/1700rpm



YANMAR 4TNV94L
Displacement
54 cc
Rated output:
Kw/2500rpm
Rated torque:
N·m/1000rpm

CUMMINS
Displacement
3300
Rated output:
48
Rated torque:
214



NISSAN TD27
Displacement
2663 cc
Rated output:
38.5 Kw/2300rpm
Rated torque:
160 N·m/2300rpm

ISUZU C240
Displacement
2369 cc
Rated output:
34.5 Kw/2500rpm
Rated torque:
120 N·m/1500rpm

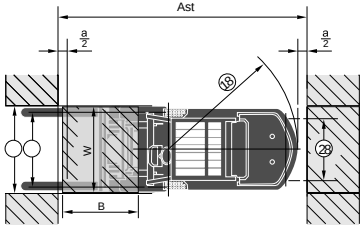
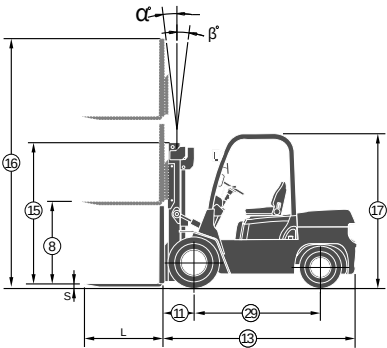


R series 3.0-3.5t Diesel forklift specification

Gernal	No.	Manufacturer		EP								EP																							
	1	Basic model		CPCD30N								CPCD35N																							
	2	Type		RW10	RW10B	RW1	RW6	RW6B	RG7	RG2	RW13	RW15A	RG7	RG2	RW6	RW6B	RW13	RW15A	RW27	RW30	RW33	RW33B													
	3	Power type		Diesel								Diesel																							
	4	Rated capacity	kg	3000								3500																							
Characteristics &Dimensions	5	Load center	mm	500								500																							
	6	Lifting height	mm	3000								3000																							
	7	Free lifting height	mm	155								155																							
	8	Fork size	L× W×T	1070×130×45								1070×140×45																							
	9	Mast tilt range	F/R	6/12								6/12																							
	10	Fork overhang(wheel center to fork face)	mm	480								485																							
	11	Rear overhang	mm	510								555																							
	12	Overall Dimensions	length (to fork face)	mm	2750								2800																						
	13		Overall width	mm	1225								1225																						
	14		Mast lowered height	mm	2010								2160																						
	15		Mast extended height	mm	4140								4140																						
	16		Overhead guard height	mm	2150								2150																						
	Performance	17	Turning radius(outside)	mm	2375								2415																						
18		Min.right angle stacking aisle width (Add load length and clearance)	mm	2855								2900																							
19		speed	Travel(No load)	km/h	19		19.5		19		20		19		18.5		18		20		20														
20			Lifting(Full load)	mm/s	380		460		460		450		430		460		460		450		362														
21			Lowering((Full load)	mm/s	500		500		500										500																
22		Max.Drawbar pull	Full load	N	18400		28200		27000		17500		19500		24600		23100		24500		25400		23600		20700										
23		Max.Gradeability	Full load	%	18		25		25		20		18		25		25		20		20		15		20										
24		Tyres	Front	mm	28×9-15-12PR								28×9-15-12PR																						
25			Rear	mm	6.50-10-10PR								6.50-10-10PR																						
26		Tread	Front	mm	1005								1005																						
27			Rear	mm	973.5								873.5																						
28		wheelbase		mm	1760								1760																						
29			lowest		130								130																						
30	Ground clearance	wheelbase center		175								175																							
Power&Trans mission	31	Self weight	kg	4255								4555																							
	32	Weight distribution	Full load (front/rear)	6480/775								7195/860																							
	33		NO load (front/rear)	1765/2490								1890/2665																							
	34	Battery	Voltage/Capacity(20HR)	12/100								12/100																							
	35	Engine	Model	C240PKJ-30		B3.3		4TNV94L		490BPG		A498BPG		4JG2 PE-01		TD27		490BPG		A490BPG		4TNV94L		4JG2 PE-01		TD27		A498BT1		A498BPG		4TNE98-BQFLC			
	36		Manufacturer	ISUZU		CUMMINS		YANMAR		XINCHANG		XINCHAI		ISUZU		NISSAN		XINCHANG		XINCHAI		YANMAR		ISUZU		NISSAN		XINCHAI		XINCHAI		YANMAR			
	37		Rated output/r.p.m.	kw		34.5/2500		48/2600		43/2500		36.8/2650		37/2650		44.9/2450		44/2500		36.8/2650		37/2650		43/2500		44.9/2450		44/2500		36.8/2400		45/2500		44.3/2300	
	38		Rated torque/r.p.m.	N.m		137.7/1800		214/1600		205/1000		156/1700		148/1900		186.3/1700		172/1600		156/1700		148/1900		205/1000		184.7/1800		172/1600		186/1700		193/1800		206/1700	
	39		No.of cylinder	4		4		4		4		4		4		4		4		4		4		4		4		4		4		4			
	40		Bore×Stroke	mm		86×102		95×115		94×110		90×105		98×105		95.4×107		96×92		90×105		90×100		94×110		95.4×107		96×92		98×105		98×105		98×110	
	41		Emission STD	StageIIA		StageII/Tier2		StageII/Tier 2						StageII										StageII/Tier 2		StageII				E-MARKIII		Tier 2		StageIII/Tier3	
	42		Displacement	cc		2369		3300		3054		2670		3168		3059		2663		2670		2540		3054		3059		2663		3168		3168		3319	
	43		Fuel tank capacity	L		70		70		70		60		70		70		70		60		70		70		70		70		70		70		60	
44	Manufacture				CHINA		OKAMURA		CHINA		CHINA		OKAMURA		CHINA		CHINA		CHINA		CHINA		CHINA		OKAMURA		CHINA		NISSAN		CHINA		CHINA		OKAMURA
45	Transmissions	Type			Powershift		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift		
46		Stage FWD/RVS			1/1		1/1		1/1		1/1		1/1		1/1		1/1		1/1		1/1		1/1		1/1		1/1		1/1		1/1		1/1		
	47	Operating pressure for attachment	Mpa	17.5		17.5		17.5		17.5		17.5		17.5		17.5		17.5		17.5		17.5		17.5		17.5		17.5		17.5		17.5			

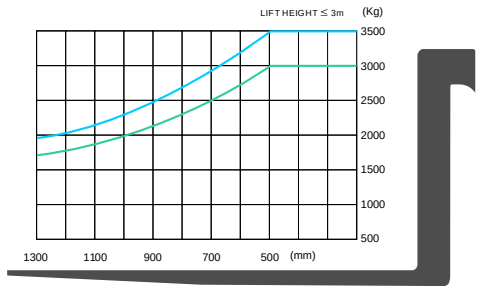
- 1.Special lifting height available(2-stage mast:2.5m,2.7m,3.0m,3.3m,3.6m,4m,4.5m.3-stage mast:4.3m,4.5m,4.8m,5m,5.5m,6m)
2.Attachment available
3.The specification in the table are for standard models only.For further information please contact us
4. Specification are subject to change without notice

DIMENSIONS



a = 200 mm safety clearance
 $AST = a + 11 + 19 + \sqrt{W^2 + (B / 2)^2}$

LOAD CHART



3.0-3.5t R series mast.(pneumatic)

Type	Model	Max.fork height	Overall height								Free lift				Front Overhang		Tilt range	
			Lowered		Extended				Without backrest		With backrest							
					Without backrest		With backrest											
			mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Deg	Deg
Wide view mast	R30/35M250	2500	1760	1910	3165	3310	3630	3630	155	155	155	155	480	485	6	12		
	R30/35M270	2700	1860	2010	3365	3510	3830	3830	155	155	155	155	480	485	6	12		
	R30/35M300	3000	2010	2160	3665	3810	4130	4130	155	155	155	155	480	485	6	12		
	R30/35M330	3300	2160	2310	3965	4110	4430	4430	155	155	155	155	480	485	6	12		
	R30/35M350	3500	2260	2410	4165	4310	4630	4630	155	155	155	155	480	485	6	12		
	R30/35M360	3600	2370	2460	4265	4410	4730	4730	155	155	155	155	480	485	6	12		
	R30/35M400	4000	2620	2710	4665	4810	5130	5130	155	155	155	155	480	485	6	12		
	R30/35M430	4300	2770	2860	4965	5110	5430	5430	155	155	155	155	480	485	6	6		
	R30/35M450	4500	2870	2960	5165	5310	5630	5630	155	155	155	155	480	485	6	6		
R30/35M480	4800	3020	3110	5465	5610	5930	5930	155	155	155	155	480	485	6	6			
Wide view full free 2-stage mast	R30/35M500	5000	3120	3120	5665	5810	6130	6130	155	155	155	155	480	485	6	6		
	N30/35U250	2500	1865	1975	3235	3370	3635	3640	1130	1115	730	845	475	475	6	12		
	N30/35U270	2700	1965	2075	3435	3570	3835	3840	1230	1215	830	945	475	475	6	12		
	N30/35U300	3000	2190	2190	3760	3860	4140	4130	1435	1330	1060	1060	475	475	6	12		
	N30/35U330	3300	2225	2375	4045	4170	4445	4440	1490	1515	1090	1245	475	475	6	12		
Wide view full free 3-stage mast	N30/35U360	3600	2375	2540	4345	4470	4745	4740	1640	1670	1240	1400	475	475	6	12		
	N30/35U400	4000	2575	2740	4745	4870	5145	5140	1840	1870	1440	1600	475	475	6	12		
	N30/35N430	4300	2090	2205	5050	5105	5445	5440	1355	1395	960	1060	490	498	6	6		
	N30/35N450	4500	2160	2260	5300	5305	5695	5640	1425	1465	1030	1130	490	498	6	6		
	N30/35N480	4800	2260	2354	5550	5605	5945	5940	1525	1565	1130	1230	490	498	6	6		
	N30/35N500	5000	2326	2420	5750	5805	6145	6140	1590	1630	1196	1295	490	498	6	6		
	N30/35N550	5500	2490	2605	6250	6305	6645	6640	1755	1795	1360	1460	490	498	3	6		
	N30/35N600	6000	2656	2770	6750	6805	7145	7140	1920	1960	1525	1625	490	498	3	6		



1.0-3.5t (Gasoline,LPG)
R series Internal Combustion Forklift

EP EQUIPMENT CO.,LTD.
www.ep-eq.com



APPEARANCE

The latest appearance design method was used to create the R series fluent and aesthetic outline, that matches the latest appearance trend.

The large engineering plastic covering enables the whole truck looks friendly and natural.

EFFICIENCY

Thanks to the long wheelbase design, the longitudinal stability of whole truck is much better, the hoisting capacity at same lift height are enhanced by an average of 100kg compared with former truck. At the same time, it prolongs work time of rear wheel as the reduced rear axle's load.

The travel speed of truck has been raised, for example, the 2-2.5t type comes to 20km/h.

Increasing the hard proportion of hydraulic pipe, adopting right angle connector or straight through connector, that reduce the pressure loss of pipeline, and raise the lifting speed of mast, the speed is increased by an average of 10% compared with former truck.

Turning radius and width of right angle stacking aisle are decreased through reducing the dimensions of whole truck, that raise the efficiency of storehouse.



CLEAN

The environment friendly engines all meet EU stage-II emission control regulation. The noise emission also comes up to EU standard.

The Metal hood and molding sound insulation matches environmental protection demands.

SAFE

A throttling device is set in pipe system, the mast won't result in failing control of mast even some pipes broke.

By using a built-in hood lock device, the safe level of the truck has been raised.



WANFENG 491GP

Displacement
2237 cc
Rated output:
41 Kw/2800rpm
Rated torque:
161 N-m/2000rpm

NISSAN K25

Displacement
2488 cc
Rated output:
37.4 Kw/2300rpm
Rated torque:
176.5 N-m/1600rpm



R series 1.0-3.5t Gasoline forklift specification

Gernerall	No.	Manufacturer		EP																EP																																							
	1	Basic model		CPQD10N				CPQD15N				CPQD18N				CPQD20N				CPQD25N				CPQD30N				CPQD35N																															
	2	Type		RW21	RW20	RW21	RW7	RW20	RW21	RW7	RW21	RW21B	RW7	RW22	RW22A	RW22B	RW20	RW21	RW21B	RW7	RW22	RW22A	RW22B	RW20	RW7	RW22	RW22A	RW22B	RW7	RW22	RW22A	RW22B																											
	3	Power type		Gasolin				Gasolin				Gasoline				Gasoline				Gasoline				Gasoline				Gasoline																															
Characteristics& Dimensions	4	Rated capacity	kg	1000				1500				1750				2000				2500				3000				3500																															
	5	Load center	mm	500				500				500				500				500				500				500																															
	6	Lifting height	mm	3000				3000				3000				3000				3000				3000				3000																															
	7	Free lifting height	mm	155				155				155				150				150				155				155																															
	8	Fork size	L× W×T	mm 920×100×35				920×100×35				920×100×38				1070×122×40				1070×122×45				1070×130×45				1070×140×45																															
	9	Mast tilt range	F/R	Deg 6/12				6/12				6/12				6/12				6/12				6/12				6/12																															
	10	Fork overhang(wheel center to fork face)	mm	405				405				408				475				475				480				485																															
	11	Rear overhang	mm	420				460				495				480				480				510				555																															
	12	Overall Dimensions	length (to fork face)	mm 2225				2265				2300				2530				2605				2750				2800																															
	13		Overall width	mm 1080				1080				1080				1155				1155				1225				1225																															
	14		Mast lowered height	mm 1995				1995				1995				1985				1985				2010				2160																															
	15		Mast extended height	mm 3960				3960				3960				4045				4045				4140				4140																															
	16		Overhead guard height	mm 2110				2110				2110				2120				2120				2150				2150																															
	Performance	17	Turning radius(outside)	mm 1925				1970				2005				2175				2235				2375				2415																															
18		Min.right angle stacking aisle width (Add load length and clearance)	mm 2330				2375				2410				2650				2710				2855				2900																																
19		speed	Travel(Laden)	km/h 14.5				14.5				14.5				23				23				22.5				22				19.5				21				23																			
20			Lifting(Laden)	mm/s 460				510				510				560				560				560				450				350																											
21			Lowering(Laden)	mm/s 450				450				450				500				500				500				500				500																											
22		Max.Drawbar pull	Laden	N 22000				22000				20500				15900				22000				20500				15900				21600				21600				19600				16500				24100				17500				21600			
23		Max.Gradeability	(Laden)	% 20				20				20				20				20				20				20				20				20				20				20				20											
24		Tyre	Front	mm 6.50-10-10PR				6.50-10-10PR				6.50-10-10PR				7.00-12-12PR				7.00-12-12PR				7.00-12-12PR				28× 9-15-12PR				28× 9-15-12PR				28× 9-15-12PR																							
25			Rear	mm 5.00-8-10PR				5.00-8-10PR				5.00-8-10PR				6.00-9-10PR				6.00-9-10PR				6.00-9-10PR				6.50-10-10PR				6.50-10-10PR				6.50-10-10PR																							
26		Tread	Front	mm 890				890				890				965				965				965				1005				1005				1005																							
27			Rear	mm 900				900				900				970.5				970.5				970.5				973.5				973.5				973.5																							
28		wheelbase	mm 1400				1400				1400				1650				1650				1650				1760				1760				1760																								
29		Ground clearance	lowest	mm 115				115				115				105				105				105				130				130																											
30			wheelbase center	mm 145				145				145				150				150				150				175				175				175																							
Power & Transmission	31	Self weight	kg 2450				2740				2930				3440				3765				4255				4555																																
	32	Weight distribution	laden (front/rear)	2945/510				3690/550				4075/605				4815/625				5530/735				6480/775				7195/860																															
	33		unladen (front/rear)	1290/1160				1220/1520				1190/1740				1640/1800				1560/2205				1765/2490				1890/2665																															
	34	Battery	Voltage/Capacity(20HR)	12/60				12/60				12/60				12/60				12/60				12/60				12/60				12/60																											
	35	Engine	Model	K21				K21				K21				K25				K25				K25				K25				K25				K25																							
	36		Manufacturer	NISSAN				NISSAN				NISSAN				NISSAN				NISSAN				NISSAN				NISSAN				NISSAN				NISSAN																							
	37		Rated output/r.p.m.	kw 31.2/2250				31.2/2250				31.2/2250				31.2/2250				31.2/2250				31.2/2250				31.2/2250				31.2/2250				31.2/2250																							
	38		Rated torque/r.p.m.	N.m 143.7/1600				143.7/1600				143.7/1600				161/2000				143.7/1600				143.7/1600				161/2000				143.7/1600				143.7/1600																							
	39		No.of cylinder	4				4				4				4				4				4				4				4				4																							
	40	Bore×Stroke	mm 89×83				89×83				91×86				89×83				89×83				89×100				89×100				87×83				89×83																								
	42	Displacement	cc 2065				2065				2237				2065				2065				2237				2065				2065				2237				2488																				
	43	Fuel tank capacity	L 50				50				50				50				50				50				60				60				60																								
	44	Transmissions	Manufacture	CHINA				CHINA				CHINA				CHINA				JAPAN				OKAMURA				CHINA				CHINA				JAPAN																							
	45		Type	Powershift				Powershift				Powershift				Powershift				Powershift				Powershift				Powershift				Powershift				Powershift																							
46	Operating pressure for attachment	Stage FWD/RVS	1/1				1/1				1/1				1/1				1/1				1/1				1/1				1/1				1/1																								
47		Mpa	14.5				14.5				14.5				17.5				17.5				17.5				17.5				17.5				17.5																								

R series 1.5/3.5t LPG forklift specification:

General	No.	Manufacturer		EP																																							
	1	Basic model		CPQD15N				CPQD18N				CPQD20N				CPQD25N				CPQD30N				CPQD35N																			
	2	Type		RW21-Y		RW7-Y		RW21-Y		RW7-Y		RW22-Y		RW22A-Y		RW22B-Y		RW21-Y		RW26-Y		RW7-Y		RW22-Y		RW22A-Y		RW22B-Y		RW26-Y		RW7-Y		RW22-Y		RW22A-Y		RW22B-Y		RW26-Y			
	3	Power type		LPG		LPG		LPG		LPG		LPG		LPG		LPG		LPG		LPG		LPG		LPG		LPG		LPG		LPG		LPG		LPG		LPG		LPG					
	4	Rated capacity		kg	1500		1750		2000		2500		3000		3500		4000		4500		5000		5500		6000		6500		7000		7500		8000		8500		9000						
Characteristics& Dimensions	5	Load center		mm	500		500		500		500		500		500		500		500		500		500		500		500		500		500		500		500		500						
	6	Lifting height		mm	3000		3000		3000		3000		3000		3000		3000		3000		3000		3000		3000		3000		3000		3000		3000		3000		3000						
	7	Free lifting height		mm	155		155		150		150		150		150		150		150		150		150		150		150		150		150		150		150		150						
	8	Fork size		L×W×T	mm	920×100×35		920×100×38		1070×122×40		1070×122×45		1070×130×45		1070×130×45		1070×130×45		1070×130×45		1070×130×45		1070×130×45		1070×130×45		1070×130×45		1070×130×45		1070×130×45		1070×130×45		1070×130×45							
	9	Mast tilt range		F/R	Deg	6/12		6/12		6/12		6/12		6/12		6/12		6/12		6/12		6/12		6/12		6/12		6/12		6/12		6/12		6/12		6/12							
	10	Fork overhang(wheel center to fork face)		mm	405		408		475		475		475		475		475		475		475		475		475		475		475		475		475		475		475						
	11	Rear overhang		mm	460		495		480		480		480		480		480		480		480		480		480		480		480		480		480		480		480						
	12	Overall Dimensions		length (to fork face)	mm	2265		2300		2530		2605		2750		2800		2850		2900		2950		3000		3050		3100		3150		3200		3250		3300							
	Overall width			mm	1080		1080		1155		1155		1225		1225		1225		1225		1225		1225		1225		1225		1225		1225		1225		1225								
	Mast lowered height			mm	1995		1995		1985		1985		2010		2160		2160		2160		2160		2160		2160		2160		2160		2160		2160		2160								
	Mast extended height			mm	3960		3960		4045		4045		4140		4140		4140		4140		4140		4140		4140		4140		4140		4140		4140		4140								
	16	Overhead guard height		mm	2110		2110		2120		2120		2150		2150		2150		2150		2150		2150		2150		2150		2150		2150		2150		2150		2150						
17	Turning radius(outside)		mm	1970		2005		2175		2235		2375		2415		2415		2415		2415		2415		2415		2415		2415		2415		2415		2415		2415							
Performance	18	Min.right angle stacking aisle width (Add load length and clearance)		mm	2375		2410		2650		2710		2855		2900		2900		2900		2900		2900		2900		2900		2900		2900		2900		2900		2900						
	19	speed		Travel(No load)	km/h	15		15		22.5		22		19.5		21		23		20.5		22.5		21.5		19.5		21		23		20.5		20		21.5		19.5		20		19	
	Lifting(Full load)			mm/s	500		500		500		500		570		450		350		500		500		500		500		500		500		500		500		500		500						
	Lowering(Full load)			mm/s	450		500		500		500		500		500		500		500		500		500		500		500		500		500		500		500		500						
	22	Max.Drawbar pull		Full load	N	20500		19600		19600		16500		24100		17500		21800		23000		19600		16500		24100		17500		21800		23000		21200		19000		24100		17800		24800	
	23	Max.Gradeability		Full load	%	20		20		20		20		20		20		20		20		20		20		20		20		20		20		20		20		20					
	24	Tyre		Front	mm	6.50-10-10PR		7.00-12-12PR		7.00-12-12PR		7.00-12-12PR		7.00-12-12PR		7.00-12-12PR		7.00-12-12PR		7.00-12-12PR		28×9 - 15-12PR		28×9 - 15-12PR		28×9 - 15-12PR		28×9 - 15-12PR		28×9 - 15-12PR		28×9 - 15-12PR		28×9 - 15-12PR		28×9 - 15-12PR							
	Rear			mm	5.00-8-10PR		6.00-9-10PR		6.00-9-10PR		6.00-9-10PR		6.00-9-10PR		6.00-9-10PR		6.00-9-10PR		6.00-9-10PR		6.00-9-10PR		6.50 - 10 -10PR		6.50 - 10 -10PR		6.50 - 10 -10PR		6.50 - 10 -10PR		6.50 - 10 -10PR		6.50 - 10 -10PR										
	26	Tread		Front	mm	900		965		965		965		965		965		965		965		1005		1005		1005		1005		1005		1005		1005		1005							
	Rear			mm	900		970.5		970.5		970.5		970.5		970.5		970.5		970.5		970.5		973.5		973.5		973.5		973.5		973.5		973.5		973.5								
	28	wheelbase		mm	1400		1650		1650		1650		1650		1650		1650		1650		1650		1760		1760		1760		1760		1760		1760		1760		1760						
	29	Ground clearance		lowest		115		105		105		105		105		105		105		105		130		130		130		130		130		130		130		130							
wheelbase center				145		150		150		150		150		150		150		150		150		175		175		175		175		175		175		175									
Power&Transm ission	31	Self weight		kg	2690		3440		3440		3765		4255		4555		4555		4555		4555		4555		4555		4555		4555		4555		4555		4555		4555						
	32	Weight distribution		Full load (front/rear)		3690/550		4815/625		4815/625		5530/735		6480/775		7195/860		7195/860		7195/860		7195/860		7195/860		7195/860		7195/860		7195/860		7195/860		7195/860		7195/860							
	No load (front/rear)				1220/1520		1640/1800		1640/1800		1660/2205		1765/2490		1890/2665		1890/2665		1890/2665		1890/2665		1890/2665		1890/2665		1890/2665		1890/2665		1890/2665		1890/2665		1890/2665								
	34	Battery		Voltage/Capacity(20HR)		12/60		12/60		12/60		12/60		12/60		12/60		12/60		12/60		12/60		12/60		12/60		12/60		12/60		12/60		12/60		12/60							
	35	Engine		Model		K21		K21		491GP		K25		K25		K25		K21		GM3.0L		491GP		K25		K25		K25		GM3.0L		491GP		K25		K25		GM3.0L					
	36			Manufacturer			NISSAN		NISSAN		WANFENG		NISSAN		NISSAN		NISSAN		GM		WANFENG		NISSAN		NISSAN		NISSAN		GM		WANFENG		NISSAN		NISSAN		GM						
	37			Rated output/r.p.m.		kw	31.2/2250		31.2/2250		41/2800		37.4/2300		37.4/2300		37.4/2300		31.2/2250		50/2500		41/2800		37.4/2300		37.4/2300		37.4/2300		50/2500		41/2800		37.4/2300		37.4/2300		50/2500				
	38			Rated torque/r.p.m.		N.m	143.7/1600		143.7/1600		161/2000		176.5/1600		176.5/1600		176.5/1600		143.7/1600		189/1600		161/2000		176.5/1600		176.5/1600		176.5/1600		189/1600		161/2000		176.5/1600		176.5/1600		189/1600				
	39			No.of cylinder			4		4		4		4		4		4		4		4		4		4		4		4		4		4		4		4						
	40			Bore×Stroke		mm	89×83		89×83		89×100		89×100		89×100		89×83		101.6×91.44		89×100		89×100		89×100		89×100		89×83		101.6×91.44		89×100		89×100		89×100		101.6×91.44				
	41			Displacement		cc	2065		2065		2237		2488		2488		2065		3000		2237		2488		2488		2488		2065		3000		2237		2488		2488		3000				
	42			Fuel tank capacity		L	50		50		60		60		50		60		50		70		70		60		60		60		70		60		60		70		70				
43	Manufacture			CHINA		CHINA		CHINA		CHINA		JAPAN		OKAMURA		CHINA		CHINA		CHINA		CHINA		JAPAN		OKAMURA		CHINA		CHINA		JAPAN		OKAMURA		CHINA							
44	Transmissions		Type		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift		Powershift								
Stage FWD/RVS				1/1		1/1		1/1		1/1		1/1		1/1		1/1		1/1		1/1		1/1		1/1		1/1		1/1		1/1		1/1		1/1									
46	Operating pressure for attachment		Mpa	14.5		14.5		17.5		17.5		17.5		17.5		17.5		17.5		17.5		17.5		17.5		17.5		17.5		17.5		17.5		17.5		17.5							



2.0-3.2t (Diesel,Gasoline,LPG)
R series cushion tire Forklift

EP EQUIPMENT CO.,LTD.
www.ep-eq.com



Introduction

High quality one-speed transimission
EPA tire-III emission control regulation engine
Newly designed heat dissipation system.
Excellent ergonomic and vibration-reduction design
Flexible electronic-hydraulic forward-revers control
Dynamic load sensing hydraulic steering system.

Efficiency

Through optimize the match of engine and transimission,ensure the travl speed of truck.
Through adopting dynamic load sensing hydraulic steering system,the hydraulic pipe adopting right angle connector or straight through connector,that reduce the pressure loss of pipeline,ensure the lifting speed of mast.

Clean

The environment friendly engines all meet EPA tire-III emission control regulation.The noise emission and vibration also comes up to 2000/14/EC and 2002/44/EC standard.
The metal hood and molding sound insulation matches environmental protection demands.

Servicing

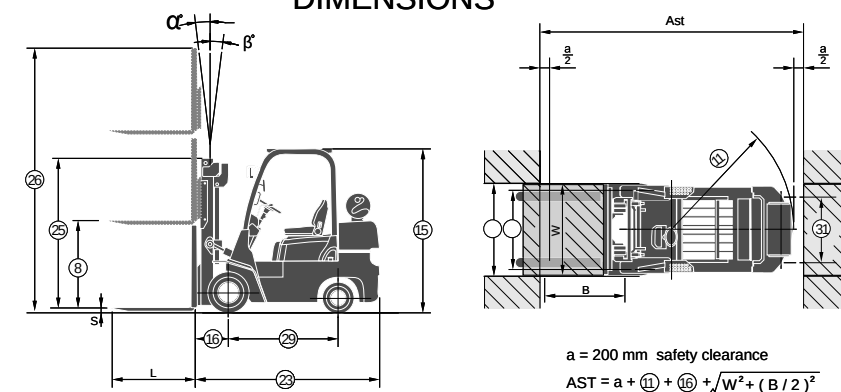
Dual-Du I air pring supp rtin hood and one removal of the floorboard get you right to service time and reduce downtime operations.
The reasonable arrangement of fuse and installation enable the replacing or use and maintenace for instrument more easy.

Options

- 2.0-5.0m duplex mast
- 2.5-5.0m full free duplex mast
- 4.3-6.5m triplex mast
- Special carriage and backrest
- Other dimension forks
- Dual drive wheel with fender
- Colored tyre(white、 green)
- Cabin
- Heater and air condition
- Fire extinguisher
- Semi-suspension seat or full-suspension seat
- Dual air cleaner or special air cleaner
- Rear working light
- Customer painting
- Auxiliary hydraulic valve modules
- High-mounted exhaust system
- Middle-mounted exhaust system
- Anti-fire spark exhaust device
- LPG swing-down bracket
- Radiator screen
- Sideshifter
- Integrated sideshifter
- Other attachment



DIMENSIONS



LOAD CHART



Cushion tire R series 2.0 ~ 3.2t IC engine forklift specification:

General	1 Manufacture			EP				
	2 Model			CPQD20N	CPQD25N	CPQD30N	CPQD32N	
	3 Type			RW26-YC	RW26-YC	RW26-YC	RW26-YC	
	4 Power type			LPG	LPG	LPG	LPG	
Characteristics	5 Load capacity		lbs.(Kg)	4000 (2000)	5000 (2500)	6000 (3000)	6500 (3200)	
	6 Load center		in(mm)	24 (500)	24 (500)	24 (500)	24 (500)	
	7 Maximum fork height		in(mm)	118 (3000)	118 (3000)	118 (3000)	118 (3000)	
	8 Free lift height		in(mm)	5.1 (130)	5.1 (130)	5.1 (135)	5.1 (135)	
	9 Fork size		L×W×T	in(mm)	42 ×4.8 ×1.6 (1070 ×122 ×40)	42 ×4.8 ×1.6 (1070 ×122 ×40)	42 ×5.1 ×1.8 (1070 ×130 ×45)	42 ×5.5 ×1.8 (1070 ×140 ×45)
	10 Tilt range		F / R	deg	5 / 8	5 / 8	5 / 8	
	11 Turning radius		in(mm)	77.2 (1960)	79.5 (2020)	81.5 (2070)	82.7 (2100)	
	12 Basic right angle stacking aisle width (without load length and clearance)		in(mm)	94.5 (2400)	96.9 (2460)	99 (2515)	100.2 (2545)	
	13 Underclearance (without load)		Min.	in(mm)	3.3 (83.5)	3.3 (83.5)	3.3 (83.5)	
	14 Underclearance (without load)		Center of wheelbase	in(mm)	5.3 (133.5)	5.3 (133.5)	5.3 (133.5)	
	15 Overhead guard height		in(mm)	83.3 (2115)	83.3 (2115)	83.3 (2115)	83.3 (2115)	
	16 Load distance		in(mm)	17.3 (440)	17.3 (440)	17.5 (445)	17.5 (445)	
	17 Rear overhang		in(mm)	18.7 (475)	21.3 (540)	21.3 (540)	22.6 (575)	
	Performance	18 Travel, Max. speed (FWD Unloaded)		mph(km/h)	10.5 (16.9)	10.5 (16.9)	10 (16.1)	10 (16.1)
		19 Max.Drawbar pull (Full load)		lbs(KN)	5736 (25.5)	5736 (25.5)	6006 (26.7)	6006 (26.7)
		20 Max.Gradeability (Full load) *		%	35	30	28	27
		21 Lifting speed (Full load)		fpm(mm/s)	100 (510)	100 (510)	79 (400)	79 (400)
22 Lowering speed (Full load)		fpm(mm/s)	98 (500)	98 (500)	98 (500)	98 (500)		
Dimensions		23 Length to fork face		in(mm)	91.1 (2315)	93.7 (2380)	95.9 (2435)	97.2 (2470)
	24 Overall width		in(mm)	42.4 (1078)	42.4 (1078)	44.2 (1123)	44.2 (1123)	
	25 Mast lowered height		in(mm)	77.4 (1965)	77.4 (1965)	77.4 (1965)	77.4 (1965)	
	26 Mast extended height		in(mm)	159.4 (4050)	159.4 (4050)	163.4 (4150)	163.4 (4150)	
	27 Front tire			21 ×7 ×15	21 ×7 ×15	21 ×8 ×15	21 ×8 ×15	
	28 Rear tire			16 ×6 ×10.5	16 ×6 ×10.5	16 ×6 ×10.5	16 ×6 ×10.5	
Chassis	29 Wheelbase		in(mm)	55.1 (1400)	55.1 (1400)	57.1 (1450)	57.1 (1450)	
	30 Tread	Front	in(mm)	35.4 (900)	35.4 (900)	36.2 (920)	36.2 (920)	
		Rear	in(mm)	35.4 (900)	35.4 (900)	35.4 (900)	35.4 (900)	
	31 Total weight		lbs(Kg)	7694 (3540)	8410 (3865)	9491 (4355)	9932 (4555)	
	Drive unit	33 Battery		V / AH	12 / 60	12 / 60	12 / 60	12 / 60
34 Engine		Model		GM 3.0	GM 3.0	GM 3.0	GM 3.0	
		Rated power	HP(kw)/rpm	67 (50) / 2500	67 (50) / 2500	67 (50) / 2500	67 (50) / 2500	
		Max. torque	lb-ft(Nm)/rpm	139.5 (189)/1600	139.5 (189)/1600	139.5 (189)/1600	139.5 (189)/1600	
		Piston displacement	cu. in(cm3)	181 (2966)	181 (2966)	181 (2966)	181 (2966)	
37 Transmissions		Make		CHINA	CHINA	CHINA	CHINA	
		Type		Powershift	Powershift	Powershift	Powershift	
		Stage	FWD / RVS		1 / 1	1 / 1	1 / 1	
41 Operating pressure		For attachments	PSI(Mpa)	2550 (17.5)	2550 (17.5)	2550 (17.5)	2550 (17.5)	

1. Attachment available. 2. The specification in the table are for standard models only. For further information please contact us. 3. Specification are subject to change without notice.
* As a calculated value

Cushion tire R series mast specifications & rated capacities:

2-2.5t

Type	Model	Max. fork height	Overall height				Free lift		Tilt range
			Lowered	Extended		Without backrest	With backrest	FWD BWD	
				Without backrest	With backrest				
		in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	in. (mm)	Deg	
Wide view mast	RC25M250	2500	1715	3120	3550	130	130	5 / 8	
	RC25M270	2700	1815	3320	3750	130	130	5 / 8	
	RC25M300	3000	1965	3620	4050	130	130	5 / 8	
	RC25M330	3300	2115	3920	4350	130	130	5 / 8	
	RC25M350	3500	2215	4120	4550	130	130	5 / 8	
	RC25M360	3600	2315	4220	4650	130	130	5 / 8	
	RC25M400	4000	2515	4620	5050	130	130	5 / 8	
	RC25M430	4300	2665	4920	5350	130	130	5 / 6	
	RC25M450	4500	2715	5120	5550	130	130	5 / 6	
	RC25M480	4800	2865	5420	5850	130	130	5 / 6	
Wide view full free 2-stage mast	RC25M500	5000	2965	5620	6050	130	130	5 / 6	
	RC25U250	2500	1775	3140	3550	1140	730	5 / 8	
	RC25U270	2700	1875	3340	3750	1240	830	5 / 8	
	RC25U300	3000	1975	3640	4050	1340	930	5 / 8	
	RC25U330	3300	2125	3940	4350	1490	1080	5 / 8	
	RC25U360	3600	2275	4240	4550	1640	1230	5 / 8	
Wide view full free 3-stage mast	RC25U400	4000	2525	4640	4650	1890	1480	5 / 6	
	RC25N430	4300	2045	4940	5350	1415	1000	5 / 6	
	RC25N450	4500	2115	5140	5550	1485	1070	5 / 6	
	RC25N480	4800	2215	5440	5850	1585	1170	5 / 6	
	RC25N500	5000	2280	5640	6050	1650	1235	5 / 6	
	RC25N550	5500	2445	6140	6550	1815	1400	3 / 6	
	RC25N600	6000	2715	6640	7050	2085	1670	3 / 6	

3-3.2t

Model	Max. fork height	Overall height			Free lift		Tilt range
		Lowered	Extended		Without backrest	With backrest	FWD BWD
			Without backrest	With backrest			
			in. (mm)	in. (mm)			
RC30M250	2500	1715	3135	3650	130	130	5 / 8
RC30M270	2700	1815	3335	3850	130	130	5 / 8
RC30M300	3000	1965	3635	4150	130	130	5 / 8
RC30M330	3300	2115	3935	4450	130	130	5 / 8
RC30M350	3500	2215	4135	4650	130	130	5 / 8
RC30M360	3600	2315	4235	4750	130	130	5 / 8
RC30M400	4000	2515	4635	5150	130	130	5 / 8
RC30M430	4300	2665	4935	5450	130	130	5 / 6
RC30M450	4500	2715	5135	5650	130	130	5 / 6
RC30M480	4800	2865	5435	5950	130	130	5 / 6
RC30M500	5000	2965	5635	6150	130	130	5 / 6
RC30U250	2500	1820	3155	3650	1175	680	5 / 8
RC30U270	2700	1920	3355	3850	1275	780	5 / 8
RC30U300	3000	2030	3655	4150	1575	890	5 / 8
RC30U330	3300	2180	3955	4450	1875	1040	5 / 8
RC30U360	3600	2330	4255	4750	2175	1190	5 / 8
RC30U400	4000	2530	4655	5150	2575	1390	5 / 6
RC30N430	4300	2045	4935	5450	1415	900	5 / 6
RC30N450	4500	2115	5155	5650	1485	970	5 / 6
RC30N480	4800	2215	5455	5950	1585	1070	5 / 6
RC30N500	5000	2280	5655	6150	1650	1135	5 / 6
RC30N550	5500	2445	6155	6650	1815	1300	3 / 6
RC30N600	6000	2715	6655	7150	2085	1570	3 / 6



1.0-3.5t (Diesel,Gasoline,LPG)
XF series Internal Combustion Forklift



XF series diesel 1.0-3.5t forklift specification

Gernerall	No.	Manufacturer		EP																													
	1	Basic model		CPCD10		CPCD15		CPCD18		CPCD20				CPCD25				CPCD30				CPCD35											
	2	Type		XW32F/B	XW10F	XW32F/B	XW10F/B	XW32F/B	XW10F/B	XW32F	XW33F/B	XW27F	XW6F/B	XW10F/B	XW32F	XW33F/B	XW27F	XW6F/B	XW10F/B	XW33F/B	XW27F	XW6F/B	XW10F	XW33F/B	XW27F								
	3	Power type		Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Diesel				Diesel				Diesel				Diesel											
	4	Rated capacity	kg	1000		1500		1750		2000				2500				3000				3500											
	5	Load center	mm	500		500		500		500				500				500				500											
	6	Lifting height	mm	3000		3000		3000		3000				3000				3000				3000											
	7	Free lifting height	mm	155		155		155		140				140				145				145											
Characteristics & Dimensions	8	Fork size	L× W×T	920×100×35		920×100×35		920×100×35		1070×122×40				1070×122×40				1070×122×45				1070×122×50											
	9	Mast tilt range	F/R	6/12		6/12		6/12		6/12				6/12				6/12				6/12											
	10	Fork overhang(wheel center to fork face)	mm	405		405		405		465				465				480				485											
	11	Rear overhang	mm	375		460		430		415				490				550				615											
	12	Overall Dimensions	length (to fork face)	2255		2265		2310		2530				2605				2730				2800											
	13		Overall width	1080		1080		1080		1155				1155				1225				1225											
	14		Most lowered height	1995		1995		1995		2035				2035				2050				2165											
	15		Most extended height	3955		3960		3955		4045				4045				4145				4145											
	16	Overhead guard height	mm	2105		2110		2105		2115				2115				2130				2130											
	17	Turning radius(outside)	mm	1965		1970		2015		2180				2245				2355				2415											
	Performance	18	Min.right angle stacking aisle width (Add load length and clearance)	mm	2370		2375		2420		2645				2710				2835				2900										
19		speed	Travel(No load)	km/h	19/19.3/19	20.5	19/19.3/19	20.5	19/19.3/19	20.5	19.4	19/19.4/18.7	19.5	20.5	20.5	19.4	18.2/18.6/17.9	19.5	20.5	20.5	17.2/17.6/17.6	19.5	20.5	20.5	17.2/17.6/17.6	20.5	19.5						
20			Lifting(Full load)	mm/s	580	410	580	410	580	410	600	560	450	580	410	600	620	450	580	410	490	450	580	410	430	580	450						
21			Lowering(Full load)	mm/s	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500						
22		Max.Drawbar pull	Full load	N4400/14400/14100/7000	600/14400/14100/7000	600/14400/14100/7000	600/14400/14100/7000	14300/18300/18400/2600	2500	17000	14300/18300/18400/2600	2500	17000	14300/18300/18400/2600	2500	17000	14300/18300/18400/2600	2500	17000	14300/18300/18400/2600	2500	17000	14300/18300/18400/2600	2500	17000	14300/18300/18400/2600							
23		Max.Gradeability	Full load	%	40/39/38	25	41/40/39	25	30/30/29	25	24	33/32/32	25	25	25	21	30/29/29	25	25	25	27/26/25	25	25	25	27/26/25	25	25						
24		Tyre	Front	mm	6.50-10-10PR		6.50-10-10PR		6.50-10-10PR		7.00-12-12PR				7.00-12-12PR				28×9-15-12PR				28×9-15-12PR										
Rear			mm	5.00-8-10PR		5.00-8-10PR		5.00-8-10PR		6.00-9-10PR				6.00-9-10PR				6.50-10-10PR				6.50-10-10PR											
26		Tread	Front	mm	900		900		900		965				965				1005				1005										
27			Rear	mm	920		920		920		973				973				975				975										
28		wheelbase	mm	1400		1475		1475		1650				1650				1700				1700											
29		Ground clearance	lowest		115		115		115		115				115				130				130										
30			wheelbase center		140		140		140		150				150				165				165										
Power&Transmssion	31	Self weight	kg	2510		2650		2765		3405				3765				4350				4705											
	32	Weight distribution	Full load (front/rear)		3055/455		3660/490		3995/520		4705/700				5475/790				6450/900				7255/950										
	33		No load (front/rear)		1260/1250		140/1410		1225/1540		1610/1795				1560/2205				1750/2600				1720/2985										
	34	Battery	Voltage/Capacity(20HR)		12/60		12/60		12/60		12/90				12/90				12/90				12/90										
	35	Engine	Model		4TNE92	C240PKJ-30	4TNE92	C240PKJ-30	4TNE92	C240PKJ-30	4TNE92	4TNE98	A498BT1	4TNV94L	C240PKJ-30	4TNE92	4TNE98	A498BT1	4TNV94L	C240PKJ-30	4TNE98	A498BT1	4TNV94L-NH	C240PKJ-30	4TNE98	4TNV94L-NH	ZA498BT1						
	36		Manufacturer		YANMAR	ISUZU	YANMAR	ISUZU	YANMAR	ISUZU	YANMAR	YANMAR	XINCHAI	YANMAR	ISUZU	YANMAR	YANMAR	XINCHAI	YANMAR	ISUZU	YANMAR	XINCHAI	YANMAR	ISUZU	YANMAR	YANMAR	XINCHAI						
	37		Rated output/r.p.m.	kw	32.8/2450	34.5/2500	32.8/2450	34.5/2500	32.8/2450	34.5/2500	32.8/2450	44.3/2300	36.8/2400	43/2500	34.5/2500	32.8/2450	44.3/2300	36.8/2400	43/2500	34.5/2500	44.3/2300	36.8/2400	43/2500	34.5/2500	44.3/2300	36.8/2400							
	38		Rated torque/r.p.m.	N.m	149.4/1600	137.7/1800	149.4/1600	137.7/1800	149.4/1600	137.7/1800	149.4/1600	196/1700	186/1700	205/1000	137.7/1800	149.4/1600	196/1700	186/1700	205/1000	137.7/1800	196/1700	186/1700	205/1000	137.7/1800	196/1700	186/1700							
	39		No.of cylinder		4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4						
	40		Bore×Stroke	mm	92×100	86×102	92×100	86×102	92×100	86×102	92×100	98×110	98×105	94×110	86×102	92×100	98×110	98×105	94×110	86×102	98×110	98×105	94×110	86×102	98×110	94×110	98×105						
	41		Emission STD		StageⅢ A/Tier 4 Interim	StageⅢA	StageⅢ A/Tier 4 Interim	StageⅢA	StageⅢ A/Tier 4 Interim	StageⅢA	StageⅢ A/Tier 4 Interim	StageⅢ /Tier 3	E-MARⅢ	StageⅢ /Tier 2	StageⅢA	StageⅢ A/Tier 4 Interim	StageⅢ /Tier 3	E-MARⅢ	StageⅢ /Tier 2	StageⅢA	StageⅢ /Tier 3	E-MARⅢ	StageⅢ /Tier 2	StageⅢA	StageⅢ /Tier 3	StageⅢ /Tier 2	E-MARⅢ						
	42	Displacement	cc	2659	2369	2659	2369	2659	2369	2659	3319	3168	3054	2369	2659	3319	3168	3054	2369	3319	3168	3054	2369	3319	3168	3054	3168						
	43	Fuel tank capacity	L	50	60	50	60	50	60	50	60	60	60	60	50	60	60	60	60	70	60	60	60	70	60	60							
	44	Transmissions	Manufacture		CHINA/OKAMURA	CHINA	CHINA/OKAMURA	CHINA/OKAMURA	CHINA/OKAMURA	CHINA/OKAMURA				CHINA/OKAMURA				CHINA/OKAMURA				CHINA/OKAMURA											
45	Type			Powershift		Powershift		Powershift		Powershift				Powershift				Powershift				Powershift											
46	Stage FWD/RVS			1/1		1/1		1/1		1/1				1/1				1/1				1/1											
	47	Operating pressure for attachment	Mpa	14.5		14.5		14.5		14.5				17.5				17.5				17.5											

XF series 1.0-3.5t gasoline/lpg forklift specification

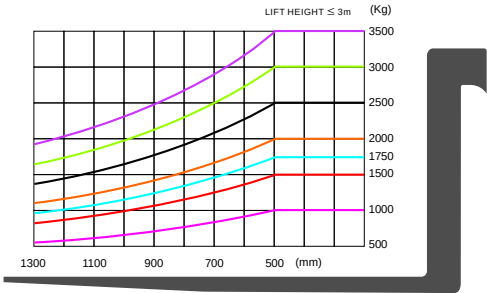
General	No.	Manufacturer				EP								
	1	Basic model		CPQD10/CPYD10	CPQD15/CPYD15	CPQD18/CPYD18	CPQD20/CPYD20		CPQD25/CPYD25		CPQD30/CPYD30	CPQD35/CPYD35		
	2	Type		XW21F/B	XW21F/B	XW21F/B	XW21F	XW22F/B	XW21F	XW22F/B	XW22B/F	XW22B/F		
	3	Power type		Gasoline/LPG	Gasoline/LPG	Gasoline/LPG	Gasoline/LPG		Gasoline/LPG		Gasoline/LPG	Gasoline/LPG		
Characteristics Dimensions	4	Rated capacity		kg	1000	1500	1750	2000		2500		3000	3500	
	5	Load center		mm	500	500	500	500		500		500	500	
	6	Lifting height		mm	3000	3000	3000	3000		3000		3000	3000	
	7	Free lifting height		mm	155	155	155	140		140		145	145	
	8	Fork size	L×W×T	mm	920×100×35			920×100×35		920×100×35		1070×122×40	1070×122×40	
	9	Mast tilt range	F/R	Deg	6/12	6/12	6/12	6/12		6/12		6/12	6/12	
	10	Fork overhang(wheel center to fork face)		mm	405	405	405	465		465		480	485	
	11	Rear overhang		mm	375	460	430	415		490		550	615	
	12	Overall Dimensions	length (to fork face)	mm	2255	2265	2310	2530		2605		2730	2800	
	13		Overall width	mm	1080	1080	1080	1155		1155		1225	1225	
	14		Mast lowered height	mm	1995	1995	1995	2035		2035		2050	2165	
	15		Mast extended height	mm	3955	3960	3955	4045		4045		4145	4145	
	16		Overhead guard height	mm	2105	2110	2105	2115		2115		2130	2130	
	17	Turning radius(outside)		mm	1965	1970	2015	2180		2245		2355	2415	
	Performance	18	Min.right angle stacking aisle width (Add load length and clearance)		mm	2370	2375	2420	2645		2710		2835	2900
		19	Travel(No load)	km/h	18	18	18	18.2	19/19.4/18.7	18.2	19/19.4/18.7	17.18.4/18.3	17.18.4/18.3	
		20	speed	Lifting(Full load)	mm/s	510	510	510	490	560	490	560	450	385
21		Lowering(Full load)	mm/s	500	500	500	500	500	500	500	500	500		
22		Max. Drawbar pull	Full load	N	4800/14600/14300	20500	20500	14500	18700/18300/18400	14500	18700/18300/18400	19800/19300/18700	19800/19300/18700	
23		Max. Gradeability	Full load	%	41/40/39	34/33/33	31/30/30	25	33/32/32	21	28/27/27	22/22/21	22/22/21	
24		Tyre	Front	mm	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	7.00-12-12PR		7.00-12-12PR		28×9-15-12PR	28×9-15-12PR	
25		Rear	mm	5.00-8-10PR	5.00-8-10PR	5.00-8-10PR	6.00-9-10PR		6.00-9-10PR		6.50-10-10PR	6.50-10-10PR		
26		Tread	Front	mm	900	900	900	965		965		1005	1005	
27		Rear	mm	920	920	920	973		973		975	975		
28		wheelbase	mm	1400	1475	1475	1650		1650		1700	1700		
Power&Transmi ssion	29	Ground clearance	lowest	mm	115	115	115	115		115		130	130	
	30	Wheelbase center	mm	140	140	140	150		150		165	165		
	31	Self weight	kg	2510	2650	2765	3405		3765		4350	4705		
Power&Transmi ssion	32	Weight distribution	Full load (front/rear)		3055/455	3660/490	3995/520	4705/700		5475/790		6450/900	7255/950	
	33	No load (front/rear)		1260/1250	140/1410	1225/1540	1610/1795		1560/2205		1750/2600	1750/2985		
	34	Battery	Voltage/Capacity(20HR)		12/60	12/60	12/60	12/60		12/60		12/60	12/60	
	35	Model		K21	K21	K21	K21	K25	K21	K25	K25	K25		
	36	Manufacturer		NISSAN	NISSAN	NISSAN	NISSAN	NISSAN	NISSAN	NISSAN	NISSAN	NISSAN		
	37	Rated output/r.p.m.	kw	31.5/2300	31.5/2300	31.5/2300	31.5/2300	38/2400	31.5/2300	38/2400	38/2400	38/2400		
	38	Rated torque/r.p.m.	N.m	144/1600	144/1600	144/1600	144/1600	185/1600	144/1600	185/1600	185/1600	185/1600		
	39	Engine	No. of cylinder		4	4	4	4	4	4	4	4		
	40	Bore×Stroke	mm	89×83	89×83	89×83	89×83	89×100	89×83	89×100	89×100	89×100		
	41	Emission STD												
	42	Displacement	cc	2065	2065	2065	2065	2488	2065	2488	2488	2488		
	43	Fuel tank capacity	L	50	50	50	50	60	50	60	60	60		
	44	Manufacture		CHINA/OKAMURA	CHINA/OKAMURA	CHINA/OKAMURA	CHINA/OKAMURA	CHINA/OKAMURA	CHINA/OKAMURA	CHINA/OKAMURA	CHINA/OKAMURA	CHINA/OKAMURA		
	45	Transmissions	Type		Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift		
	46	Stage FWD/RVS		1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1		
	47	Operating pressure for attachment	Mpa	14.5	14.5	14.5	14.5	17.5	17.5	17.5	17.5	17.5		

1. Special lifting height available(2-stage mast: 2.5m, 2.7m, 3.0m, 3.3m, 3.6m, 4m, 4.5m, 3-stage mast: 4.3m, 4.5m, 4.8m, 5m, 5.5m, 6m)
2. Attachment available
3. The specification in the table are for standard models only. For further information please contact us
4. Specification are subject to change without notice

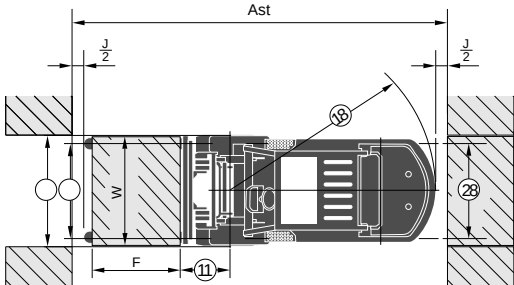
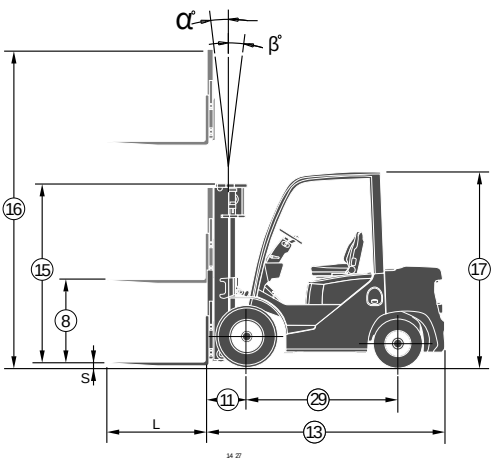
3.0 ~ 3.5t XF series mast: (pneumatic)

Type	Model	Max. fork height (mm)	Overall height				Free lift				Tilt range	
			Lowered		Extended		Without backrest		With backrest		FWD (deg.)	BWD (deg.)
			3.0t	3.5t	3.0t	3.5t	3.0t	3.5t	3.0t	3.5t		
Wide view mast	X30/35M200	2000	1550	1665	2735	2815	3145	3145	145	145	145	145
	X30/35M250	2500	1800	1915	3235	3315	3645	3645	145	145	145	145
	X30/35M270	2700	1900	2015	3435	3515	3845	3845	145	145	145	145
	X30/35M300	3000	2050	2165	3735	3815	4145	4145	145	145	145	145
	X30/35M330	3300	2200	2315	4035	4115	4445	4445	145	145	145	145
	X30/35M350	3500	2300	2415	4235	4315	4645	4645	145	145	145	145
	X30/35M370	3700	2450	2565	4435	4515	4845	4845	145	145	145	145
	X30/35M400	4000	2650	2715	4735	4815	5145	5145	145	145	145	145
	X30/35M430	4300	2800	2865	5035	5115	5445	5445	145	145	145	145
	X30/35M450	4500	2900	2965	5235	5315	5645	5645	145	145	145	145
Wide view full free 2-stage mast	X30/35M470	4700	3000	3065	5435	5515	5845	5845	145	145	145	145
	X30/35M500	5000	3150	3215	5735	5815	6145	6145	145	145	145	145
	X30/35M550	5500	3400	3465	6235	6315	6645	6645	145	145	145	145
	X30/35M600	6000	3650	3715	6735	6815	7145	7145	145	145	145	145
	X30/35U200	2000	1620	1720	2755	2830	3145	3145	865	880	475	475
	X30/35U250	2500	1870	1970	3255	3330	3645	3645	1115	1140	725	725
	X30/35U270	2700	1970	2070	3455	3530	3845	3845	1215	1240	825	825
	X30/35U300	3000	2080	2180	3755	3830	4145	4145	1325	1350	925	925
	X30/35U330	3300	2230	2330	4055	4130	4445	4445	1475	1500	1085	1085
	X30/35U350	3500	2330	2430	4255	4330	4645	4645	1575	1600	1185	1185
Wide view full free 3-stage mast	X30/35U370	3700	2430	2530	4455	4530	4845	4845	1675	1700	1285	1285
	X30/35U400	4000	2680	2680	4755	4830	5145	5145	1825	1850	1435	1435
	X30/35N400	4000	2015	2115	4755	4830	5145	5145	1260	1285	870	970
	X30/35N430	4300	2115	2215	5055	5130	5445	5445	1360	1385	970	1070
	X30/35N450	4500	2165	2265	5355	5430	5745	5745	1460	1485	1070	1170
	X30/35N470	4700	2215	2315	5455	5530	5865	5865	1460	1485	1070	1170
	X30/35N500	5000	2315	2415	5755	5830	6145	6145	1560	1585	1170	1270
	X30/35N550	5500	2515	2565	6255	6330	6645	6645	1760	1785	1370	1420
	X30/35N600	6000	2765	2815	6805	6880	7195	7195	2010	1985	1620	1670
	X30/35N650	6500	2915	2965	7255	7330	7645	7645	2160	2135	1770	1820
	X30/35N700	7000	3065	3115	7755	7830	8145	8145	2310	2285	1920	1970

LOAD CHART



DIMENSIONS

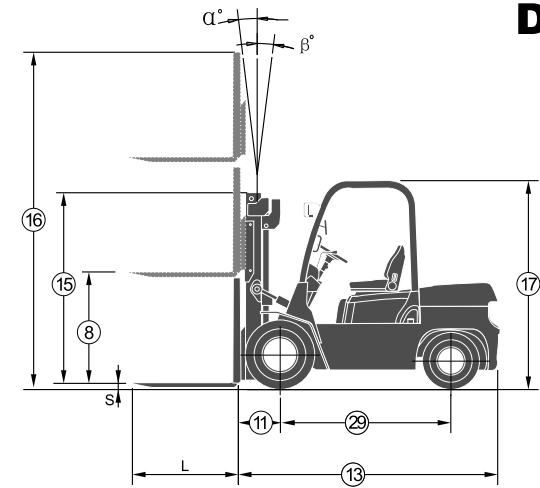


J = 200 mm safety clearance

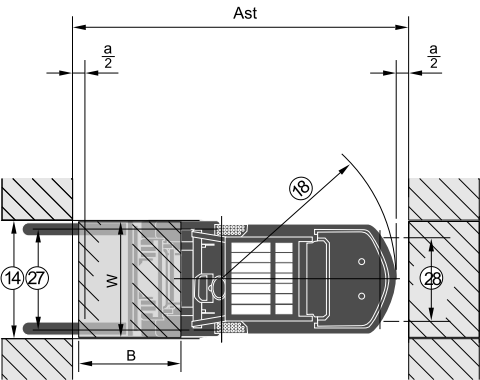
AST = J + F + 11 + 18

Options

- 2.0-5.0m duplex mast
- 2.5-5.0m full free duplex mast
- 4.3-6.5m triplex mast
- Special carriage and backrest
- Anti-fire spark exhaust device
- Other dimension forks
- Dual drive wheel with fender
- Solid tyre
- Colored tyre(white\green)
- Cabin
- Heater and air condition
- Fire extinguisher
- Semi-suspension seat or full-suspension seat
- Dual air cleaner or special air cleaner rear working light
- Customer painting



DIMENSIONS



a = 200 mm safety clearance

$AST = a + (11) + (18) + \sqrt{W^2 + (B/2)^2}$

- Auxiliary hydraulic valve modules
- High-mounted exhaust system
- Middle-mounted exhaust system
- Anti-fire spark exhaust device
- Diesel exhaust das purifier
- Radiator screen
- Sideshifter
- Integrated sideshifter
- Other attachment

R series 4.0-5.0t diesel&lpg forklift specification:

General	No.	Manufacturer	EP											
			CPCD40			CPQD40			CPCD45			CPQD45		
			RW19		RW35	RG24	RW17-Y		RW19	RW35	RG24	RW17-Y		RXW19
			Diesel		LPG		Diesel		LPG			Diesel		LPG
			4000		4000		4500		4500			5000		5000
			500		500		500		500			500		500
			3000		3000		3000		3000			3000		3000
			160		160		160		160			160		160
			1070×150×50		1070×150×50		1070×150×50		1070×150×50			1070×150×55		1070×150×55
			6/12		6/12		6/12		6/12			6/12		6/12
			550		550		550		550			555		555
			520		520		560		560			560		560
			3070		3070		3110		3070			3215		3215
			1395		1395		1490		1395			1490		1490
			2245		2245		2245		2245			2245		2395
			4170		4175		4170		4170			4320		4320
			2250		2250		2250		2250			2250		2250
			2690		2690		2720		2690			2810		2810
			3240		3240		3270		3240			3365		3365
			0-26		0-26		0-26		0-26			0-26		0-26
			460		440		460		430			460		400
			500		500		500		500			500		500
			35900		35000	37200	39300		35900	35000	37200	39300		35900
			20		20		20		20			20		20
			8.25-15-14PR		8.25-15-14PR		300-15-14PR		300-15-14PR			300-15-14PR		300-15-14PR
			7.00-12-12PR		7.00-12-12PR		7.00-12-12PR		7.00-12-12PR			7.00-12-12PR		7.00-12-12PR
			1160		1160		1190		1160			1190		1190
			1130		1130		1130		1130			1130		1130
			2000		2000		2000		2000			2100		2100
			170		170		170		170			170		170
			230		230		230		230			230		230
			6300		6300		6500		6500			6750		6600
			9000/1300		9000/1300		9625/1375		9000/1300			10125/1475		10125/1475
			2800/3500		2800/3500		2820/3680		2800/3500			2820/3780		2820/3780
			24/70/20h		24/70/20h		24/70/20h		24/70/20h			24/70/20h		24/70/20h
			TD42		1104	4108	GM4.3L		TD42	1104	4108	GM4.3L		TD42
			NISSAN		PERKINS	LUOTUO	GM		NISSAN	PERKINS	LUOTUO	GM		NISSAN
			62.5/2300		56/2200	57/2200	62.5/2300		56/2200	57/2200	57/2200	62.5/2300		56/2200
			274.4/1600		265/1700	285/1700	274.4/1600		265/1700	285/1700	285/1700	274.4/1600		265/1700
			4		4	4	6		4	4	4	6		4
			95×115		105×127	108×125	95×115		105×127	108×125	108×125	95×115		105×127
			Stage 2/Tier 2		Stage 3		Stage 2/Tier 2		Stage 3			Stage 2/Tier 2		Stage 3
			3300		4410	4580	4294		3300	4410	4580	4294		3300
			80		80	80	80		80	80	80	80		80
			CHINA				CHINA		CHINA			CHINA		CHINA
			Powershift				Powershift		Powershift			Powershift		Powershift
			2/1				2/1		2/1			2/1		2/1
			18				18		18			18		18

- 1. Special lifting height available(2-stage mast: 2.5m, 2.7m, 3.0m, 3.3m, 3.6m, 4m, 4.5m, 3-stage mast: 4.3m, 4.5m, 4.8m, 5m, 5.5m, 6m)
- 2. Attachment available
- 3. The specification in the table are for standard models only. For further information please contact us
- 4. Specification are subject to change without notice

4.0-5.0t R series mast: (pneumatic)

Type	Model	Max. fork height	Overall height						Free lift				Front Overhang		Tilt range	
			Lowered		Extended		Without backrest		With backrest		Without backrest				With backrest	
					Without backrest	With backrest										
		4/4.5t	5t	4/4.5t	5t	4/4.5t	5t	4/4.5t	5t	4/4.5t	5t	4/4.5t	5t	4/4.5t	5t	4/4.5t
		mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	Deg	Deg
Wide view mast	R45/50M250	2500	1995	1995	3330	3330	3670	3865	160	160	160	160	550	555	6	12
	R45/50M270	2700	2095	2095	3530	3530	3870	4065	160	160	160	160	550	555	6	12
	R45/50M300	3000	2245	2245	3830	3830	4170	4365	160	160	160	160	550	555	6	12
	R45/50M330	3300	2395	2395	4130	4130	4470	4665	160	160	160	160	550	555	6	12
	R45/50M350	3500	2495	2495	4330	4330	4670	4865	160	160	160	160	550	555	6	12
	R45/50M360	3600	2545	2545	4430	4430	4770	4965	160	160	160	160	550	555	6	12
	R45/50M400	4000	2795	2795	4830	4830	5170	5365	160	160	160	160	550	555	6	12
	R45/50M430	4300	2960	2960	5130	5130	5470	5665	160	160	160	160	550	555	6	6
	R45/50M450	4500	3070	3070	5330	5330	5670	5865	160	160	160	160	550	555	6	6
R45/50M480	4800	3235	3235	5630	5630	5970	6165	160	160	160	160	550	555	6	6	
R45/50M500	5000	3345	3345	5830	5830	6170	6365	160	160	160	160	550	555	6	6	
Wide view free 2-stage mast	R45/50U250	2500	1976	1976	3365	3365	3670	3865	1114	1114	809	610	557	562	6	12
	R45/50U275	2750	2100	2100	3615	3615	3920	4115	1238	1238	933	735	557	562	6	12
	R45/50U300	3000	2226	2226	3865	3865	4170	4365	1364	1364	1055	860	557	562	6	12
	R45/50U330	3300	2376	2376	4165	4165	4470	4665	1514	1514	1205	1010	557	562	6	12
R45/50U360	3600	2526	2526	4465	4465	4770	4965	1664	1664	1359	1160	557	562	6	12	
Wide view free 3-stage mast	R45/50N400	4000	2080	2080	4850	4860	5170	5365	1229	1222	912	715	557	562	6	12
	R45/50N430	4300	2205	2205	5155	5160	5470	5665	1329	1322	1012	815	603	615	6	6
	R45/50N450	4500	2270	2270	5365	5370	5685	5880	1395	1390	1080	883	603	615	6	6
	R45/50N480	4800	2365	2365	5650	5660	5970	6170	1489	1482	1172	975	603	615	6	6
	R45/50N500	5000	2435	2435	5855	5860	6170	6370	1559	1552	1242	1045	603	615	6	6
	R45/50N550	5500	2600	2600	6355	6360	6670	6870	1724	1718	1408	1210	603	615	3	6
R45/50N600	6000	2815	2815	6865	6870	7180	7380	1939	1932	1622	1425	603	615	3	6	



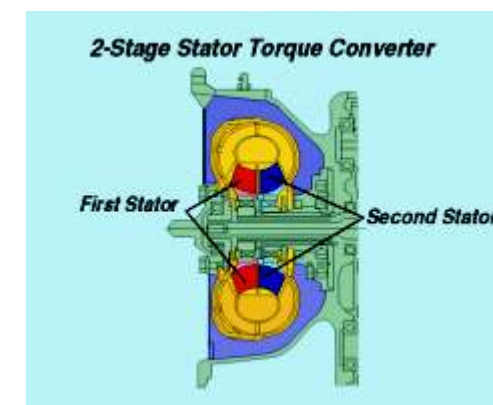
5.0-7.0t (Diesel,LPG)
R series Internal Combustion Forklift

EP EQUIPMENT CO.,LTD.
www.ep-eq.com



ADVANCED TECHNOLOGY FOR SUPERIOR ALL-ROUND PERFORMANCE

W19A&W14B series forklifts are now equipped with a new 2-stage stator torque converter that help to improve all round work efficiency by providing smoother, fatigue-free operation. Making it unnecessary for the operator to shift from



low to high gear(1st→2nd),the 2-stage stator torque converter is designed to eliminate shift shock, This greatly improves operator comfort especially during long work shifts and reduces the possibility of rocking the pallet when accelerating the forklift.

HYDROSTATIC POWER STEERING SYSTEM

R series forklifts are equipped with a hydrostatic power steering system that works to reduce steering effort and lessen fatigue over long hours of operation. Completely hydraulic in design with no mechanical linkages, the smooth operation of this system helps to eliminate kickback and oversteer characteristics.



NON-SLIP FLOOR AND STEP

The wide-open step is not only convenient to use but safer thanks to anti-slip mats. To further improve safety in demanding work conditions, the floor board is constructed of embossed steel to reduce of possibility of slipping.

Options

- 2.5-6.0m duplex mast
- Special carriage and backrest
- Solid tyre
- Cabin
- Heater and air condition
- Other dimension forks
- Sideshifter
- Other attachment
- Fire extinguisher
- Suspension seat
- Dual air cleaner or special air cleaner
- Rear working light
- Customer painting



R series 5.-7.0 forklift specification

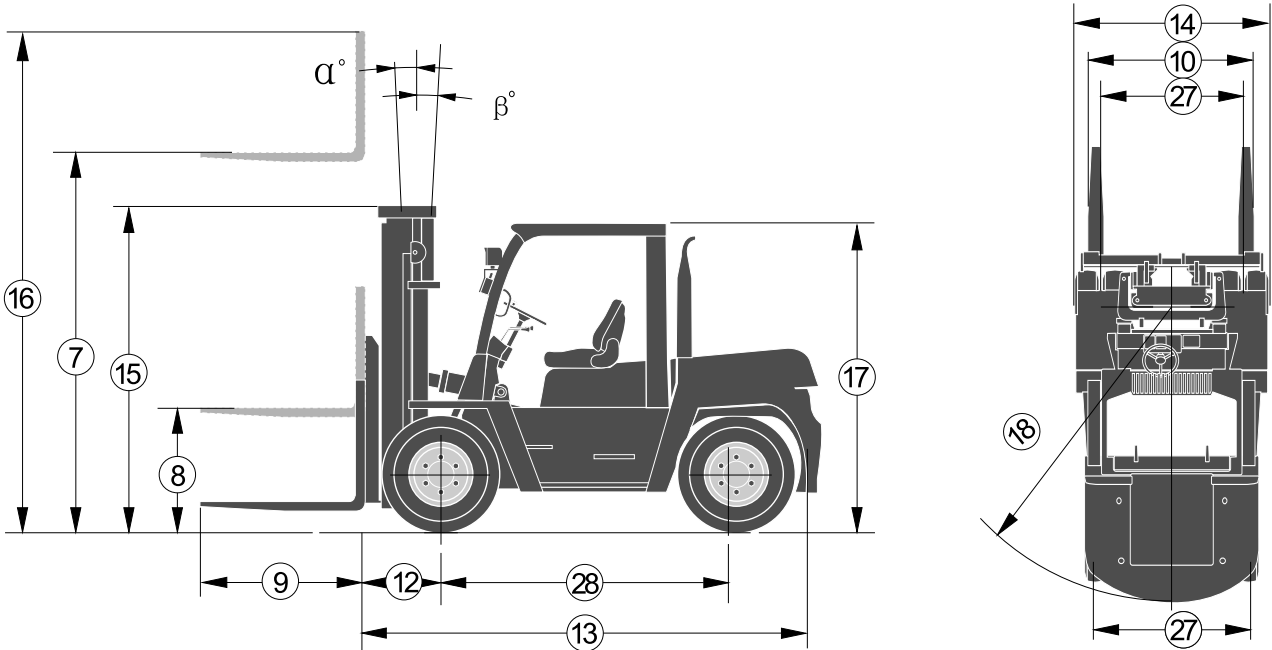
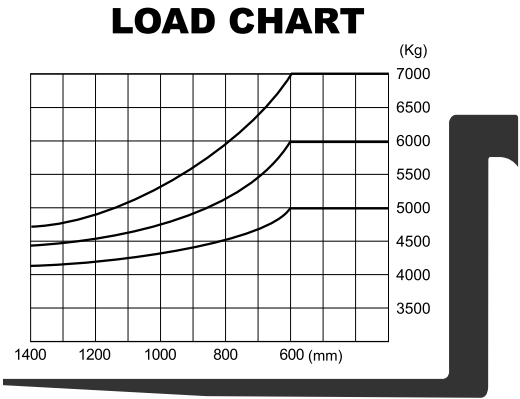
Gernerall	No.	Manufacturer		EP																							
	1	Basic model																									
	2	Type		RG16	RG24	CPCD50			CPYD50	RG16	RG24	CPCD60			CPYD60	RG16	RG24	CPCD70			CPYD70						
	3	Power type		Diesel					LPG	Diesel					LPG	Diesel					LPG						
	4	Rated capacity		kg	5000					5000	6000					5000	7000					7000					
Characteristics&Dimensions	5	Load center		mm	600					600	600					600	600					600					
	6	Lifting height		mm	3000					3000	3000					3000	3000					3000					
	7	Free lifting height		mm	160					160	160					160	165					160					
	8	Fork size	L× W×T	mm	1200×150×60					1200×150×60	1200×150×60					1200×150×60	1200×150×65					1200×150×65					
	9	Fork spread(outside)		mm	300/1530					300/1530	300/1530					300/1530	300/1530					300/1530					
	10	Mast tilt range	F/R	Deg	6/12					6/12	6/12					6/12	6/12					6/12					
	11	Fork overhang(wheel center to fork face)		mm	595.5					595.5	595.5					595.5	605					605					
	12	Overall Dimensions	length (to fork face)	mm	3475				3525	3475	3475				3525	3475	3475				3525	3475					
	13		Overall width	mm	1990					1990	1990					1990	1990					1990					
	14		Mast lowered height	mm	2500					2500	2500					2500	2500					2500					
	15		Mast extended height	mm	4420					4420	4420					4420	4420					4420					
	Performan	16	Overhead guard height		mm	2370					2370	2370					2370	2370					2370				
		17	Turning radius(outside)		mm	3160				3210	3160	3200				3250	3200	3200				3250	3200				
18		Min.right angle aisle width		mm	2780				2830	2780	2810				2860	2810	2895				2945	2895					
19		Min.right angle stacking aisle width (Add load length and clearance)		mm	3770				3820	3770	3810				3860	3810	3895				3945	3895					
20		speed	Travel	km/h	0-26					0-26	0-24					0-24	0-24					0-24					
21			Lifting(Full load)	mm/s	420					420	400					400	340					340					
22		Max.Gradeability	Full load	%	20					20	20					20	20					20					
23		Self weight		kg	8000					8000	8400					8400	9300					9300					
24		Tyre	Front	mm	8.25-15-14PR					8.25-15-14PR	8.25-15-14PR					8.25-15-14PR	8.25-15-14PR					8.25-15-14PR					
25			Rear	mm	8.25-15-14PR					8.25-15-14PR	8.25-15-14PR					8.25-15-14PR	8.25-15-14PR					8.25-15-14PR					
26		Tread	Front	mm	1489					1489	1489					1489	1489					1489					
27			Rear	mm	1460					1460	1460					1460	1460					1460					
28		wheelbase		mm	2250				2300	2250	2250				2300	2250	2250				2300	2250					
29	Ground clearance		mm	170					170	170					170	170					170						
Power&Transmissio	30	Battery		Voltage/Capacity(5HR)	24/105					24/105	24/105					24/105	24/105					24/105					
	31	Engine	Model		CY6102BG-2	LR4108G10Y	6BG1QP	6BG1QP	TD42	OSB4.5-C110	GM4.3L	CY6102BG-2	LR4108G10Y	6BG1QP	6BG1QP	TD42	OSB4.5-C110	GM4.3L	CY6102BG-2	LR4108G10Y	6BG1QP	6BG1QP	OSB4.5-C110	GM4.3L			
	32		Manufacturer		CHINA	CHINA	ISUZU	ISUZU	NISSAN	CUMMINS	GM	CHINA	CHINA	ISUZU	ISUZU	NISSAN	CUMMINS	GM	CHINA	CHINA	ISUZU	ISUZU	CUMMINS	GM			
	33		Rated output/r.p.m.	kw	81/2500	65/2400	84.6/2200	84.6/2200	62.5/2300	82/2200	74/2300	81/2500	65/2400	84.6/2200	84.6/2200	62.5/2300	82/2200	74/2300	81/2500	65/2400	84.6/2200	84.6/2200	82/2200	74/2300			
	34		Rated torque/r.p.m.	N.m	353/1700	300/1400-1600	411/1400-1600	411/1400-1600	274.4/1600	488/1500	301/1600	353/1700	300/1400-1600	411/1400-1600	411/1400-1600	274.4/1600	488/1500	301/1600	353/1700	300/1400-1600	411/1400-1600	411/1400-1600	488/1500	301/1600			
	35		No.of cylinder		6	4	6	6	6	4	6	6	4	6	6	6	4	6	6	4	6	6	4	6			
	36		Bore×Stroke	mm	102×118	108×125	105×125	105×125	96×96	107×124	101.6×88.39	102×118	108×125	105×125	105×125	96×96	107×124	101.6×88.39	102×118	108×125	105×125	105×125	107×124	101.6×88.39			
	37		Emission STD							Stage3/Tier3							Stage3/Tier3						Stage3/Tier3				
	38		Displacement	cc	5785	4580	6494	6494	4169	4460	4294	5785	4580	6494	6494	4169	4460	4294	5785	4580	6494	6494	4460	4294			
	39		Fuel tank capacity	L	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120			
	40	Transmissions	Manufacture		CHINA			OKAMURA	NISSAN	CHINA	CHINA	CHINA			OKAMURA	NISSAN	CHINA	CHINA	CHINA	CHINA	CHINA	CHINA	CHINA	CHINA			
	41		Type		Powershift			Powershift	Powershift	Powershift	Powershift	Powershift			Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift	Powershift				
	42		Stage FWD/RVS		2/2			2/2	1/1	2/2	2/2	2/2			2/2	1/1	2/2	2/2	2/2	2/2	2/2	2/2	2/2	2/2			
43	Operating pressure for attachment		Mpa	19					19	19					19	19					19	19					19

- 1.Special lifting height available(2-stage mast:2.5m,2.7m,3.0m,3.3m,3.6m,4m,4.5m.3-stage mast:4.3m,4.5m,4.8m,5m,5.5m,6m)
- 2.Attachment available
- 3.The specification in the table are for standard models only.For further information please contact us
4. Specification are subject to change without notice

DIMENSIONS

R series 5.0-7.0t forklift mast specification

Type	Model	Mast fork height	Overall height		Free lift	Tilt range	
			Lowered	extended		With backrest	FWD
				With backrest			
		mm	mm	mm	mm	Deg	Deg
Wide view mast	50M ² 7M	2500	2250	3920	160	6	12
		2700	2350	4120	160	6	12
		3000	2500	4420	160	6	12
		3300	2650	4720	160	6	12
		3600	2800	5020	160	6	12
		4000	3000	5420	160	6	12
		4300	3200	5720	160	6	6
		4500	3300	5920	160	6	6
		4800	3450	6220	160	6	6
		5000	3550	6420	160	6	6
		5500	3850	6920	160	3	6
6000	4100	7420	160	3	6		
Wide view full free 2-stage mast	50U ² 7U	2500	2185	3640	1048	6	12
Wide view full free 3-stage mast	50NX ² 7N	4000					
		4500	2720	5920	1323	6	6
		4800	2820	6220	1423	6	6
		5000	2870	6420	1473	6	6
		5500	3070	6920	1673	3	6
		6000	3220	7420	1823	3	6
		7000	3670	8420	2273	3	6





8.0-10.0t (Diesel)
R series Internal Combustion Forklift

EP EQUIPMENT CO.,LTD.
www.ep-eq.com

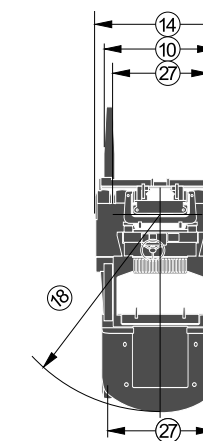
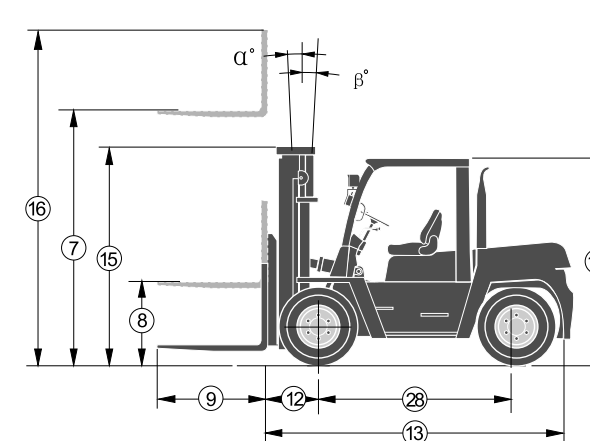


Frame

Vertical sides help the driver work safely with less damage,even in an area with low-level obstruction. Thick chassis plates resist distortion,reduce damage and minimise refurbishment costs. The wide mast,low scuttle and high seating position gives the operator an excellent view of the forks and of the way ahead-reducing load damage and accidents. Well positioned lights ensure optimum vision to both the front and back-essential in containers. Much attention has been given to the carriage design,with an integral fork positioner.



DIMENSIONS



Options

- 2.5-6.0m duplex mast
- Special carriage and backrest
- Solid tyre
- Cabin
- Heater and air condition
- Other dimension forks
- Sideshifter
- Other attachment
- Fire extinguisher
- Suspension seat
- Dual air cleaner or special air cleaner
- Rear working light
- Customer painting



R series 8.0-10.0t forklift specification

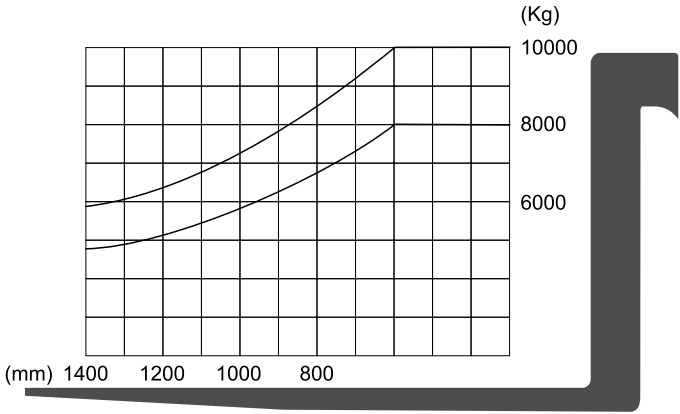
Gernerall	No.	Manufacturer		EP							
	1	Basic model		CPCD80				CPCD100			
	2	Type		RG16	RG17	RW14	RW28	RG16	RG17	RW14	RW28
Characteristics&Dimensions	3	Power type		Diesel				Diesel			
	4	Rated capacity		kg				10000			
	5	Load center		mm				600			
	6	Lifting height		mm				3000			
	7	Free lift height		mm				200			
	8	Fork size	L× W×T	mm				1500×160×75			
	9	Fork spread(outside)		mm				440/1800			
	10	Mast tilt range		Deg				6/12			
	11	Fork overhang(wheel center to fork face)		mm				705			
	12	Overall Dimensions	length (to fork face)	mm				4235			
	13		Overall width	mm				2165			
	14		Mast lowered height	mm				2850			
	15		Mast extended height	mm				4510			
Performance	16	Overhead guard height		mm				2580			
	17	Turning radius(outside)		mm				4050			
	18	Min.right angle stacking aisle width		mm				3600			
		Min.right angle stacking aisle width (Add load length and clearance)						6480			
	19	speed	Travel(No load)	km/h				0-26			
	20		Lifting(Full load)	mm/s				300			
Wheels&tires	21	Max.Drawbar pull		N				20			
	22	Self weight		kg				11300			
	23	Tyre	Front	mm				9.00-20.14PR			
	24		Rear	mm				9.00-20.14PR			
	25	Tread		mm				1600/1700			
	26	wheelbase		mm				2500			
	27	Ground clearance		mm				250			
	28	Battery		Voltage/Capacity(5HR)				24/105			
Power&Transmi ssion	29	Engine	Model	CY6102BG-2	YC6108G(B7650)	6BG1QP	QSB4.5	CY6102BG-2	YC6108G(B7650)	6BG1QP	QSB4.5
	30		Manufacturer	CHINA	CHINA	ISUZU	CUMMINS	CHINA	CHINA	ISUZU	CUMMINS
	31		Rated output/r.p.m.	kw	81/2500	92/2200	84.6/2200	82/2200	81/2500	92/2200	84.6/2200
	32		Rated torque/r.p.m.	N.m	353/1700	463/1400-1600	411/1400-1600	488/1500	353/1700	463/1400-1600	411/1400-1600
	33		No.of cylinder		6	6	6	4	6	6	4
	34		BorexStroke	mm	102×118	108×125	105×125	107×124	102×118	108×125	105×125
	35		Emission STD		StageIIA/Tier 3				StageIIA/Tier 3		
	36		Displacement	cc	5785	6871	6871	4460	5785	6871	6871
	37		Fuel tank capacity	L	120	120	120	120	120	120	120
	38	Transmissions	Manufacture		CHINA		CHINA	CHINA	CHINA		CHINA
	39		Type		Powershift		Powershift	Powershift	Powershift		Powershift
	40		Stage FWD/RVS		2/2		2/2	2/2	2/2		2/2
	41	Operating pressure for attachment		Mpa	19.5		19.5	19.5	19.5		19.5

1. Special lifting height available(3.6m,4m,4.5m,5m,5.5m,6m,7m)
2. Attachment available
3. The specification in the table are for standard models only.For further information please contact us
4. Specification are subject to change without notice

R series 8.0 - 10.0t forklift mast specification:

Type	Model	Mast fork height	Overall height		Free lift	Tilt range	
			Lowered	Extended With backrest		With backrest	FWD
Wide view mast	8M	mm	mm	mm	mm	Deg	Deg
		2500	2450	3710	200	6	12
		2700	2550	3910	200	6	12
		3000	2700	4210	200	6	12
		3300	2850	4510	200	6	12
		3600	3000	4810	200	6	12
		4000	3200	5210	200	6	12
		4300	3400	5510	200	6	6
		4500	3500	5710	200	6	6
		4800	3650	6010	200	6	6
		5000	3750	6210	200	6	6
		5500	4050	6740	200	3	6
Wide view mast	10M	mm	mm	mm	mm	Deg	Deg
		2500	2450	3710	200	6	12
		2700	2550	3910	200	6	12
		3000	2700	4210	200	6	12
		3300	2850	4510	200	6	12
		3600	3000	4810	200	6	12
		4000	3200	5210	200	6	12
		4300	3400	5510	200	6	6
		4500	3500	5710	200	6	6
		4800	3650	6010	200	6	6
		5000	3750	6210	200	6	6
		5500	4050	6740	200	3	6

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12.0-16.0t (Diesel)
R series Internal Combustion Forklift

Frame

Vertical sides help the driver work safely with less damage,even in an area with low-level obstructions. Thick chassis plates resist distortion,reduce damage and minimise refurbishment costs. The wide mast,low scuttle and high seating position gives the operator an excellent view of the forks and of the way ahead-reducing load damage and accidents. Well positioned lights ensure optimum vision to both the front and back-essential in containers. Much attention has been given to the carriage design,with an integral fork positioner.

Options

- 2.5-6.0m duplex mast
- Special carriage and backrest
- Solid tyre
- Cabin
- Heater and air condition
- Other dimension forks
- Other attachment
- Fire extinguisher
- Suspension seat
- Dual air cleaner or special air cleaner
- Rear working light
- Customer painting



Easier maintenance and servicing

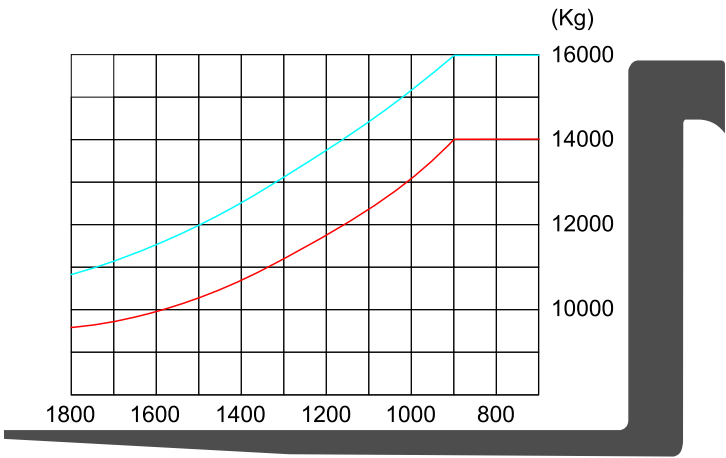
Along with the kind of engineering that promises unsurpassed performance and productivity in all application,our forklifts are designed with many features that faciliate maintenance and servicing.For example,the wide-opening top panel and radiator cover are equipped with gas stays and convenient hand grips tha enable quick access to the engine compartment.



Non-slip floor and step

The wide-open step is not only convenient to use but safer thanks to anti slip mats.To further improve safely in demanding work conditions,the floor board is constructed of embossed steel to reduce of possibility of slipping.

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R series 12.0 - 16.0t forklift specification:

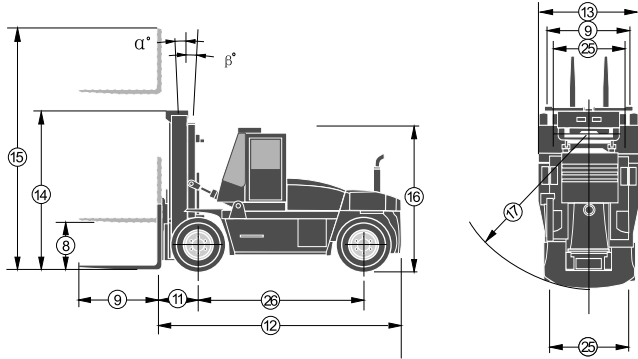
General	1	Manufacture		EP					
	2	Basic model		CPCD120		CPCD140		CPCD160	
	3	Type		XG35	XW25	XG35	XW25	XG35	XW25
	4	Power type		Diesel		Diesel		Diesel	
Dimensions	5	Rated capacity		kg		12000		14000	
	6	Load center		mm		600		600	
	7	Fork spread(outside)		Min. / Max.	mm	520 / 2200		520 / 2200	
	8	Lift height			mm	3000		3100	
	9	Fork size		L×W×T	mm	1500×180×90		1500×200×85	
	10	Mast tilt range		F / R	deg	6 / 12		6 / 12	
	11	Fork overhang(Wheel center to fork face)			mm	760		785	
	12	Overall dimensions	Length to face of fork		mm	6000		6210	
	13		Overall width		mm	2420		2490	
	14		Mast lowered height		mm	3180		3270	
	15		Overhead guard height		mm	2910		2940	
	16		Overall length(standard fork length)		mm	4500		4710	
Performance	17	Turning radius(outside)			mm	4150		4350	
	18	Speed	Travel (No load / Full load)		Km/h	28		29	
	19		Lifting / Lowering (Full load)		mm/sec	350		350	
	20	Max.gradeability(Full load)			%	20		20	
	21	Max. drawbar pull (Full load)			KN	100		100	
Chassis	22	Tyres	Front		mm	10.00 - 20 - 14PR		11.00 - 20 - 18PR	
	23		Rear		mm	10.00 - 20 - 14PR		11.00 - 20 - 18PR	
	24	Tread	Front		mm	1800		1800	
	25		Rear		mm	1920		1890	
	26	Ground clearance	Mast		mm	250		250	
	27		Wheelbase center		mm	315		330	
	28	Self weight			kg	15600		17600	
	29	Battery		Voltage / Capacity(20HR)	V/AH	24 / 120		24 / 120	
Power	30	Engine	Model			YC6B160Z-T10	QSB6.7	YC6B160Z-T10	QSB6.7
	31		Manufacture			CHINA	CUMMINS	CHINA	CUMMINS
	32		Rated output / r.p.m.		kw/rmp	115 / 2300	119 / 2300	115 / 2300	119 / 2300
	33		Rated torque / r.p.m.		N-m/rmp	560 / 1500	931 / 1500	560 / 1500	931 / 1500
	34		No.of cylinder			6	6	6	6
	35		Bore×Stroke		mm	108×125	107×124	108×125	107×124
	36		Emission STD.				Stage 3 / Tier 3	Stage 3 / Tier 3	Stage 3 / Tier 3
	37		Stage	FWD/RVS		3 / 3	3 / 3	3 / 3	3 / 3
Brake	38	Operating pressure		MPa		20	20	20	20
	39	Driving brake				Pneumatic Drum		Pneumatic Drum	
	40	Parking Brake				Spring energy storage		Spring energy storage	

1. Special lifting height available (3.6m, 4m, 4.5m, 5m, 5.5m, 6m, 7m.). 2. Attachment available.
3. The specification in the table are for standard models only. For further information please contact us. 4. Specification are subject to change without notice.

R series 14.0 - 16.0t forklift mast specification:

Type	Model	Mast fork height	Overall height		Tilt range	
			Lowered	Extended With backrest	FWD	RWD
Wide view mast	G140MX	mm	mm	mm	Deg	Deg
		3300	3500	5150	6	12
		3600	3650	5450	6	12
		4000	3850	5850	6	12
		4300	4050	6200	6	12
		4500	4150	6400	6	12
		4800	4300	6700	6	6
		5000	4400	6900	6	6
		5500	4700	7450	3	6
		6000	4950	7950	3	6
Wide view mast	G160MX	3300	3500	5000	6	12
		3600	3800	5600	6	12
		4000	4000	6000	6	12
		4300	4200	6350	6	12
		4500	4300	6550	6	12
		4800	4450	6850	6	6
		5000	4550	7050	6	6
		5500	4850	7600	3	6
		6000	5100	8100	3	6
		6500	5400	8650	3	6

DIMENSIONS





14.0-16.0t (Diesel)
R series Internal Combustion Forklift

EP EQUIPMENT CO.,LTD.

www.ep-ep.com



Drive axle

Made in China, heavy-duty car master reducer, wheel end reducer, open cam brake, air pressure driving brake, spring energy storage parking brake.

Gear-box

Imported gear-box, multi-stage torque converter, big converter ratio, wide range of auto-adjust speed; stable and smooth shift, 2 stage forward and 1 stage backward, easy operation and maintenance.

Steering system

tiltable lifting and lowering steering device, adjustable height and angle.

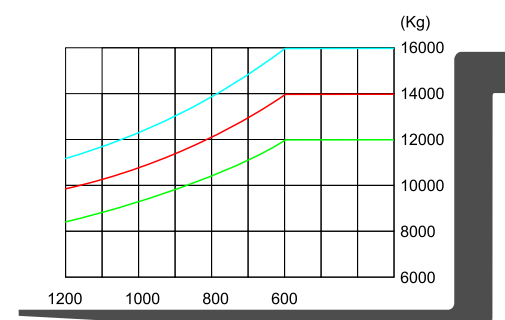
Hydraulic system

China made pump valve. Multiple unit valve and hand operation lever are connected with flexible shaft. Load sensing hydraulic system, double pumps supply, dynamic load sensing priority valve, reduce nonworking power consumption, reduce hydraulic oil tempera

Options

- 2.5-6.0m duplex mast
- Special carriage and backrest
- Solid tyre
- Heater and air condition
- Other dimension forks
- Other attachment
- Fire extinguisher
- Suspension seat
- Dual air cleaner or special air cleaner
- Rear working light
- Customer painting

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Power system

Yuchai YC6B160Z-T10 turbocharge 6 cylinders engine, high performance, low oil consumption, low speed high torque, great power reserve. Great capacity cooler, oil and water is together, huge cooling area, abundant cooling capacity.

Lifting assembly

Connect with body pin shaft, widen double mast, increased gantry resistance to torsion, widen view; standard fork can be adjusted with leading screw by hand, cylinder adjust is option.

Overhead guard

Whole full-floating type, connect with 4 point type rubber absorber; tilted structure is easy to enter and maintain inside; diminutive steering column and steering wheel, wide space for driver's legs. Cab is for option.



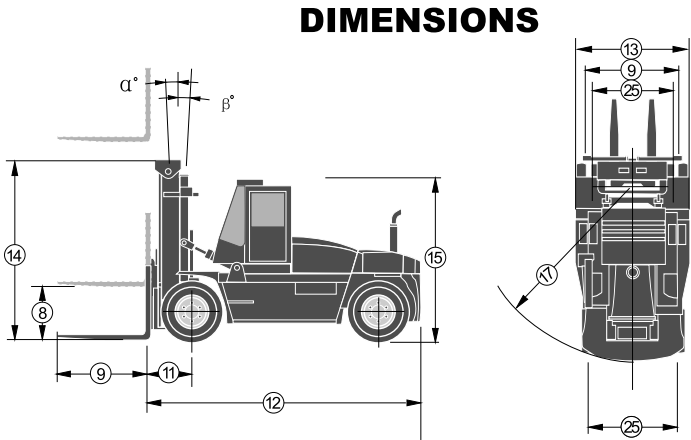
R series 14.0 - 16.0t forklift specification:

General	1	Manufacture			EP							
	2	Basic model			CPCD140			CPCD160		CPCD160		
	3	Type			W2		W25		W2		W25	
	4	Power type			Diesel			Diesel		Diesel		
	5	Rated capacity		kg	14000			16000		16000		
	6	Load center		mm	900			900		1200		
	7	Fork spread(outside)		Min. / Max.	520 / 2200			520 / 2200		820 / 2400		
Dimensions	8	Lift height		mm	3300			3000		3000		
	9	Fork size		L×W×T	mm	1820×200×105			1820×200×105		2440×250×105	
	10	Mast tilt range		F / R	deg	6 / 12			6 / 12		6 / 12	
	11	Fork overhang(Wheel center to fork face)		mm	890			890		890		
	12	Overall dimensions	Length to face of fork		mm	5300 / 7130			5300 / 7130		5460 / 7900	
	13		Overall width		mm	2950			2950		2950	
	14		Mast lowered height		mm	3500			3500		3500	
	15		Mast extended height		mm	5150			5000		5000	
	16	Overhead guard height		mm	3200			3200		3200		
	17	Turning radius(outside)		mm	5000			5000		5175		
18	Min.right angle stacking aisle width		mm	7910			7910		8710			
Performance	19	Speed	Travel (No load / Full load)	Km/h	27 / 22.5			27 / 22.5		27 / 22.5		
	20		Lifting / Lowering (Full load)	mm/sec	350 / 450			320 / 420		320 / 420		
	21	Max.gradeability(Full load)		%	25			25		25		
	22	Max. drawbar pull (Full load)		KN	125			125		125		
Chassis	23	Tyres	Front	mm	12.00 - 24 - 20PR			12.00 - 24 - 20PR		12.00 - 24 - 20PR		
	24		Rear	mm	12.00 - 20 - 20PR			12.00 - 20 - 20PR		12.00 - 24 - 20PR		
	25	Tread	Front / Rear	mm	2230 / 2340			2230 / 2340		2230 / 2340		
	26	Wheelbase		mm	3650			3650		3750		
	27	Ground clearance	Mast		250			250		250		
	28		Wheelbase center		320			320		320		
	29	Self weight		kg	22900			24200		25200		
	Power & transmission	30	Battery	Voltage / Capacity(20HR)	V/AH	2×12 / 150	2×12 / 120	2×12 / 150	2×12 / 120	2×12 / 150	2×12 / 120	
31		Engine	Model		6BTA5.9	QSB6.7	6BTA5.9	QSB6.7	6BTA5.9	QSB6.7		
32			Manufacture		CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS	CUMMINS		
33			Rated output / r.p.m.	kw/rmp	138 / 2300	142 / 2300	138 / 2300	142 / 2300	138 / 2300	142 / 2300		
34			Rated torque / r.p.m.	N-m/rmp	786 / 1500	930 / 1500	786 / 1500	930 / 1500	786 / 1500	930 / 1500		
35			No.of cylinder		6	6	6	6	6	6		
36			Bore×Stroke	mm	102×120	107×124	102×120	107×124	102×120	107×124		
37			Emission STD.		Stage 3 / Tier 3			Stage 3 / Tier 3				
38			Displacement	L	5.9	6.7	5.9	6.7	5.9	6.7		
39			Fuel tank capacity	L	280	280	280	280	280	280		
40	Transmissions	Manufacture			GERMAN	GERMAN	GERMAN	GERMAN	GERMAN	GERMAN		
41		Type			Electric control Powershift	Electric control Powershift	Electric control Powershift	Electric control Powershift	Electric control Powershift	Electric control Powershift		
42		Stage	FWD/RVS		3 / 3	3 / 3	3 / 3	3 / 3	3 / 3	3 / 3		
Brake	43	Operating pressure		MPa	21	21	21	21	21	21		
	44	Service Brake			Hydraulic wet disc brake system			Hydraulic wet disc brake system				
	45	Parking Brake			Spring Applied Hydraulically Released			Spring Applied Hydraulically Released				

1. Special lifting height available (3.6m, 4m, 4.5m, 5m, 5.5m, 6m, 7m.) .
2. Attachment available.
3. The specification in the table are for standard models only. For further information please contact us.
4. Specification are subject to change without notice.

R series 12.0 - 16.0t forklift mast specification:

Type	Model	Mast fork height	Overall height		Tilt range	
			Lowered	Extended	FWD	RWD
				With backrest		
		mm	mm	mm	Deg	Deg
GX120MX	GX120M300	3000	3180	4695	6	12
	GX120M330	3300	3330	4995	6	12
	GX120M360	3600	3480	5295	6	12
	GX120M400	4000	3680	5695	6	12
	GX120M430	4300	3880	6030	6	6
	GX120M450	4500	3980	6230	6	6
	GX120M480	4800	4130	6530	6	6
	GX120M500	5000	4230	6730	6	6
	GX120M550	5500	4530	7280	3	6
	GX120M600	6000	4780	7780	3	6
GX140MX	GX140M300	3000	3270	4770	6	12
	GX140M330	3300	3440	5090	6	12
	GX140M360	3600	3590	5390	6	12
	GX140M400	4000	3790	5790	6	12
	GX140M430	4300	3990	6040	6	12
	GX140M450	4500	4090	6340	6	12
	GX140M480	4800	4240	6640	6	6
	GX140M500	5000	4340	6840	6	6
	GX140M550	5500	4640	7390	3	6
	GX140M600	6000	4890	7890	3	6
GX160MX	GX160M300	3000	3290	4790	6	12
	GX160M330	3300	3440	5090	6	12
	GX160M360	3600	3590	5390	6	12
	GX160M400	4000	3790	5790	6	12
	GX160M430	4300	3990	6140	6	12
	GX160M450	4500	4090	6340	6	12
	GX160M480	4800	4240	6640	6	6
	GX160M500	5000	4340	6840	6	6
	GX160M550	5500	4640	7390	3	6
	GX160M600	6000	4890	7890	3	6



2.0-6.0t

Electric Three-wheel Tractors

J series 2.0 ~ 6.0t electric tow tractor specification:

Specification	Manufacture			EP						
	Model			QDD2 - C1	QDD2 - C1S	QDD4 - C1	QDD4 - C1S	QDD6 - C1	QDD6 - C1S	
	Operation			Seated	Stand-on	Seated	Stand-on	Seated	Stand-on	
Performance	1	Towed load capacity		Kg	2000		4000		6000	
	2	Rated drawbar pull		Kg	50		100		150	
	3	Max. Drawbar pull		Kg	200		400		450	
	4	Travel speed with rated load		Km/h	6	6	6	6	6	6
	5	Travel speed without load		Km/h	13	13	13	13	13	13
	6	Gradeability without load		%	25	25	25	25	25	25
	7	Turning radius		mm	1600	1600	1760	1760	1760	1760
Dimensions	8	Overall length		mm	1690	1690	1845	1845	1845	1845
	9	Width		mm	800	800	800	800	800	800
	10	Height		mm	1236	1206	1236	1206	1236	1206
	11	Wheel base		mm	1140	1140	1295	1295	1295	1295
	12	Thread	Front	mm	/	/	200	200	200	200
	13		Rear	mm	670	670	670	670	670	670
	14	Ground clearance		mm	80	80	80	80	80	80
	15	Soleplate height		mm	360	200	360	200	360	200
	16	Towing coupling height		mm	262 ~ 348	262 ~ 348	262 ~ 348	262 ~ 348	262 ~ 348	262 ~ 348
Tyre	17	Service weight		Kg	730	730	900	900	1000	1000
	18	Front wheels / number			3.50 - 5 / 1	3.50 - 5 / 1	3.50 - 5 / 2	3.50 - 5 / 2	3.50 - 5 / 2	3.50 - 5 / 2
	19	Rear wheels / number			4.0 - 8 / 2	4.0 - 8 / 2	4.0 - 8 / 2	4.0 - 8 / 2	4.0 - 8 / 2	4.0 - 8 / 2
Drive	20	Battery	Standard	A.H	165	165	210	210	275	275
	Optional		210		210	275	275	350	350	
	21	Voltage		V	48	48	48	48	48	48
	22	Motor		KW	AC 1.95	AC 1.95	AC 4.28	AC 4.28	AC 4.28	AC 4.28

Standard

- Front headlight
- Rear combined lamp
- Electrical horn
- Emergency disconnect switch
- Pneumatic tyre
- Front double-tyre (4~6 ton)
- Safety pedal (stand-on)
- AC power system
- Standard battery
- Multi-function LCD display
- Toolbox

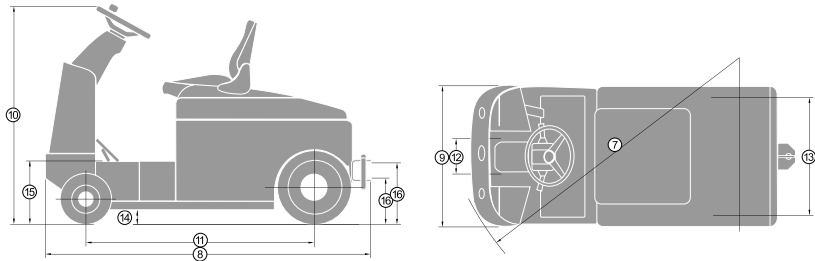
Optional

- Solid tyre
- High capacity battery
- Suspension seat
- Battery charger
- Towing coupling height
- Front double-tyre (2 ton)
- Towing coupling control equipment
- Dolly for side-exchange battery

J series 2.0 ~ 6.0t electric tow tractor performance: （5 Min start on slope）

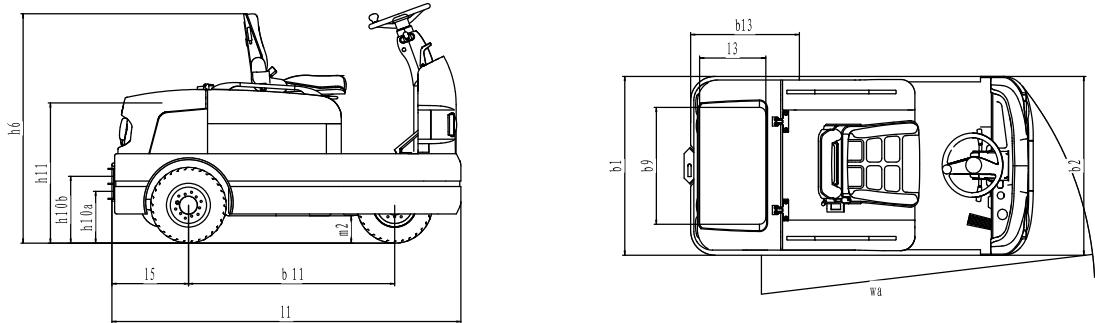
MODEL		QDD2-C1 QDD2-C1S	QDD4-C1 QDD4-C1S	QDD6-C1 QDD6-C1S
Surface Condition (Dry Even Concrete)				
Level Road		2000	4000	6000
Grade (Degrees)	1°	1700	3800	4200
	2°	1300	3000	3400
	3°	1000	2500	2800
	4°	800	2100	2300

DIMENSIONS



Electric Three-wheel Tractors 6.0t

Characteristics			
1.1	Manufacturer		EP
1.2	Model designation		QDD6
1.3	Drive unit		Battery
1.4	Operator type		Rider seated
1.5	Load capacity	Q (kg)	6000
1.7	Rated drawbar pull	F (N)	1200
1.9	Wheelbase	y (mm)	1130
Weights			
2.1	Service weight	kg	1150
2.3	Axle loading, unladen front/ rear	kg	500/ 650
Wheels, Chassis			
3.1	Tyre type		Pneumatic
3.2	Tyre size, front		4.00-8
3.3	Tyre size, rear		4.00-8
3.5	Wheels, number front/ rear (x=drive wheels)		1/ 2x
3.7	Tread, rear	b ₁₁ (mm)	860
Dimensions			
4.7	Height of overhead guard (cabin)	h ₆ (mm)	1300
4.8	Seat height	h ₇ (mm)	920
4.12	Tow coupling height	h _{10a/b} (mm)	285/365 (235/315,340/420)
4.13	Platform height unladen	h ₁₁ (mm)	770
4.16	Loading platform, length	l ₃ (mm)	370
4.17	Rear overhang	l ₅ (mm)	345
4.18	Loading platform, width	b ₉ (mm)	700
4.19	Overall length	l ₁ (mm)	1900
4.21	Overall width	b ₁ / b ₂ (mm)	990/990
4.32	Ground clearance, center of wheelbase	m ₂ (mm)	150
4.35	Outer turning radius	W _a (mm)	1850
4.36	Inner turing radius	b ₁₃ (mm)	600
Performance			
5.1	Travel speed, laden/ unladen	km/ h	7/15
5.5	Drawbar pull, laden/ unladen≤50 min.	N	1200
5.6	Maximum drawbar pull, laden/ unladen≥5 min.	N	4500
5.8	Maximum gradeability, laden/ unladen≥5 min.	%	5/20
5.10	Service brake		Hydraulic/ Mechanical
Drive			
6.1	Drive motor rating ≥60 min.	kW	4
6.4	Battery voltage/ rated capacity (5h)	V/ Ah	48/ 275
6.5	Battery weight	kg	540
	Battery dimensions l/ w/ h	mm	—
Others			
8.1	Type of drive control		AC
	Manufacturer		ZAPI
8.4	Sound level at operator's ear	dB (A)	70
8.5	Tow coupling		PIN



With the global awareness of environmental protection has growing these years, the pursuit of low-carbon has become a new global economic trend. In the warehouse and material handling equipment industry ,electric forklifts are replacing traditional internal combustion forklifts. As a highly social responsibility, focusing on green and harmony company, We concentrate on electric forklifts research and strive to be the electric forklift leader of china .

Commitment to innovation, technology and excellence
Global supply chain, with world-class components
Focus on process control and manufacturing equipments ,ensure product reliability .