

iMOW



2500/3000/3500kg Forklift Truck

CPC(Q)D25/
30/35H3

1 Robust performance for various industrial applications

The IC truck CPC(Q)D25/30/35H3 is powerful, easy to operate and dependable. The forklift for loads between 3,000 and 3,500kg is particularly well suited for high loads in multi-shift operation and assignments in the harshest outdoor conditions.



2 Durable components for long-term usage

The CPC(Q)D25/30/35H3 is equipped with pneumatic tyres as standard and mature components for long-term operation and big loads under heavy and harsh conditions.



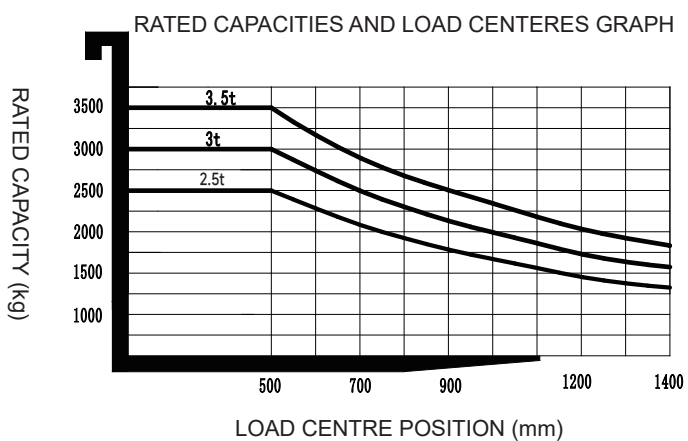
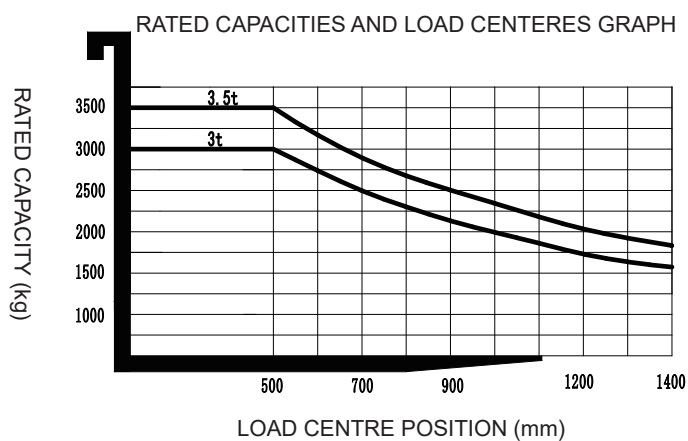
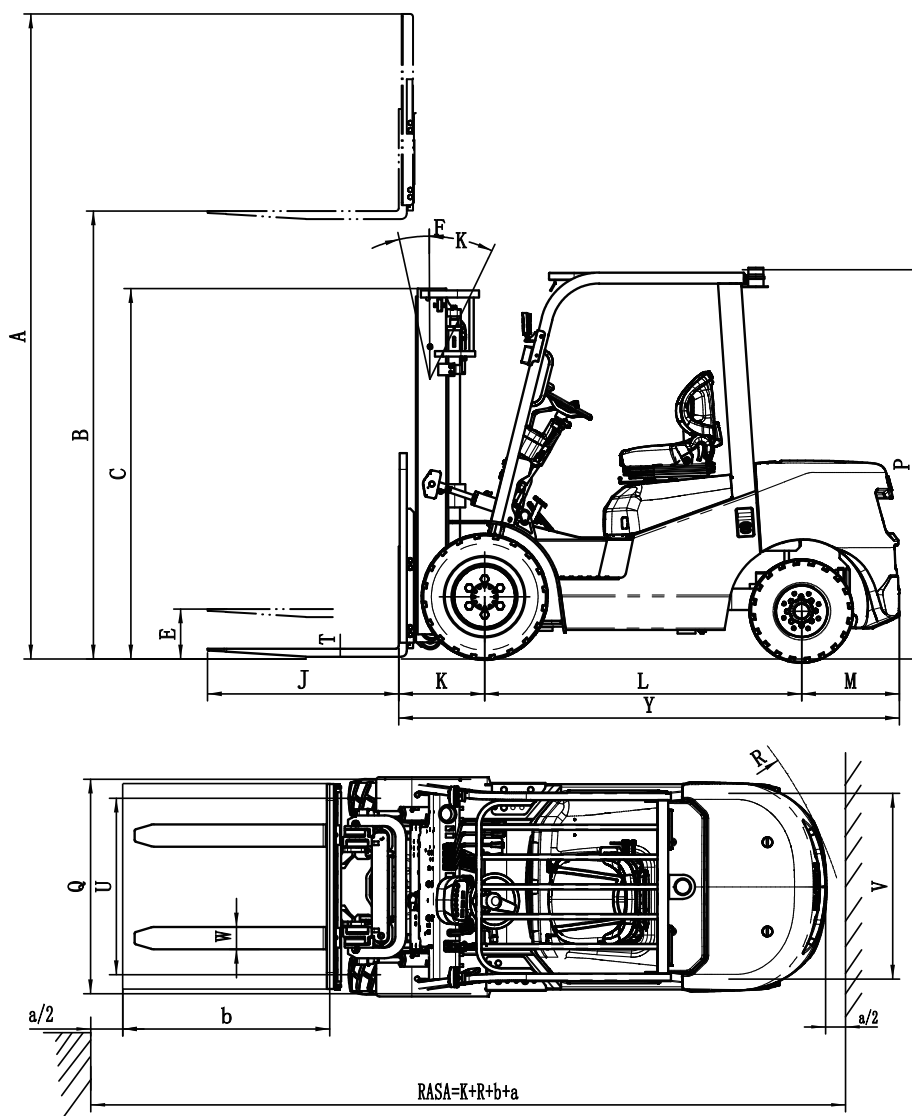
3 Safety assurance

The CPC(Q)D25/30/35H3 offers outstanding visibility of the load and the surroundings. Its high ground clearance is ideal for uneven surfaces and other outdoor environments.



General	1	Manufacturer				IMOW	IMOW	IMOW	IMOW	IMOW	IMOW	IMOW
	2	Model				CPCD25	CPCD25	CPCD30	CPCD30	CPCD30	CPCD30	CPCD30
	3	Power type				Diesel	Diesel	Diesel	Diesel	Diesel	Diesel	Gasoline
	4	Rated capacity			Kg	2500	2500	3000	3000	3000	3000	3000
	5	Load center			mm	500	500	500	500	500	500	500
	6	Lift height		B	mm	3000	3000	3000	3000	3000	3000	3000
	7	Free lift height		E	mm	120	120	140	140	140	140	140
Dimensions	8	Fork size		L x W x T	mm	1070x120x40	1070x120x40	1070x125x45	1070x125x45	1070x125x45	1070x125x45	1070x125x45
	9	Mast tilt range		FR	deg	6/10	6/10	6/10	6/10	6/10	6/10	6/10
	10	Front overhang (wheel center to fork face)		FK (°)	K	475	475	481	481	481	481	481
	11	Rear overhang			M	495	495	495	561	561	561	561
	12	Length to face of forks		Y	mm	2620	2620	2620	2792	2792	2792	2792
	13			Q	mm	1150	1150	1150	1225	1225	1225	1225
	14	Overall dimensions		C	mm	2050	2050	2050	2070	2070	2070	2070
Performance	15	Mast lowered height		A	mm	4000	4000	4120	4120	4120	4120	4120
	16			P	mm	2170	2170	2190	2190	2190	2190	2190
	17	Turning radius		R	mm	2270	2270	2400	2400	2400	2400	2400
	18	Travel speed (laden/unladen)			Km/h	18/18	18/18	18/19	18/19	18/19	18/19	18/19
	19				mm/sec	450/500	450/500	440/470	440/470	440/470	440/470	440/470
	20	Lowering speed (laden/unladen)			mm/sec	450/500	450/500	410/450	410/450	410/450	410/450	410/450
	21	Max drawbar pull (laden)			N	20000	20000	19000	19000	19000	19000	19000
Chassis	22	Max gradeability			%	20	20	20	20	20	20	20
	23	Tyres		Front	mm	700-12-12PR	700-12-12PR	28x9-15-14PR	28x9-15-14PR	28x9-15-14PR	28x9-15-14PR	28x9-15-14PR
	24			Rear	mm	600-9-10PR	600-9-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
	25	Tread		Front	mm	970	970	970	970	970	970	970
	26			Rear	mm	970	970	980	980	980	980	980
	27	Wheelbase		L	mm	1650	1650	1750	1750	1750	1750	1750
	28	Ground clearance		Mast lowest position	mm	135/110	135/110	150/120	150/120	150/120	150/120	150/120
Weight	29	Service weight		Wheelbase center	mm	160/145	160/145	170/150	170/150	170/150	170/150	170/150
	30				Kg	3650	3650	4200	4200	4200	4200	4200
	31	Weight distribution		Laden	Kg	5440	5440	6390	6390	6390	6390	6390
	32			Unladen	Kg	710	710	810	810	810	810	810
	33	Voltage / Capacity		Front	Kg	1470	1470	1710	1710	1710	1710	1710
	34			Rear	Kg	2180	2180	2490	2490	2490	2490	2490
	35	Battery			V/Ah	12/80	12/80	12/80	12/80	12/80	12/80	12/80
Power & transmission	36	Model				S4S-DPEU2	C490BPG-25	S4S-DPEU2	C490BPG-25	C240	GK25	GK25
	37	Manufacturer				Mitsubishi	CHINA	Mitsubishi	CHINA	ISUZU	ISUZU	GCT
	38	Rated output/p.m			kw	35.3/2250	36.8/2650	35.3/2250	36.8/2650	34.5/2500	37.4/2300	37.4/2300
	39	Rated torque/p.m			N.m	177/1700	156/1700-1900	177/1700	156/1700-1900	139/1800	176.5/1600	176.5/1600
	40	No. of cylinders				4	4	4	4	4	4	4
	41	Bore x Stroke			mm	94x120	90x105	94x120	90x105	86x102	89x100	89x100
	42	Emission			cc	3331	2670	3331	2670	2369	2369	2488
	44	Fuel tank capacity			L	60	60	60	60	60	60	60
	45	Manufacturer				CHINA	CHINA	CHINA	CHINA	CHINA	CHINA	CHINA
	46	Type				Hydraulic powershift	Hydraulic powershift	Hydraulic powershift	Hydraulic powershift	Hydraulic powershift	Hydraulic powershift	Hydraulic powershift
	47	Stage				1/1	1/1	1/1	1/1	1/1	1/1	1/1
	48	Operation pressure			Mpa	16	16	17.5	17.5	17.5	17.5	17.5

General	1	Manufacturer				iMOW	iMOW	iMOW	iMOW
	2	Model				CPCD35	CPCD35	CPCD35	CPCD35
	3	Power type				Diesel	Diesel	Diesel	Gasoline
	4	Rated capacity			Kg	3500	3500	3500	3500
	5	Load center			mm	500	500	500	500
	6	Lift height		B	mm	3000	3000	3000	3000
	7	Free lift height		E	mm	145	145	145	145
Dimensions	8	Fork size		L x W x T	mm	1070x125x45	1070x125x45	1070x125x45	1070x125x45
	9	Mast tilt range		FR	deg	6/10	6/10	6/10	6/10
	10	Front overhang (wheel center to fork face)		FK (°)	deg	486	486	486	486
	11	Rear overhang		M	mm	561	561	561	561
	12	Length to face of forks		Y	mm	2797	2797	2797	2797
	13			Q	mm	1225	1225	1225	1225
	14	Overall dimensions		C	mm	2070	2070	2070	2070
Performance	15	Overall dimensions		A	mm	4120	4120	4120	4120
	16			P	mm	2190	2190	2190	2190
	17	Turning radius		R	mm	2400	2400	2400	2400
	18	Speed		Travel speed (laden/unladen)	Km/h	18/19	18/19	18/19	18/19
	19			Lifting speed (laden/unladen)	mm/sec	400/470	400/470	400/470	400/470
	20	Max drawbar pull (laden)		Lowering speed (laden/unladen)	mm/sec	410/450	410/450	410/450	410/450
	21				N	19000	19000	19000	19000
Chassis	22	Max gradeability			%	20	20	20	20
	23	Tyres		Front	mm	28x9-15-14PR	28x9-15-14PR	28x9-15-14PR	28x9-15-14PR
	24			Rear	mm	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR	6.50-10-10PR
	25	Tread		Front	mm	1010	1010	1010	1010
	26			Rear	mm	980	980	980	980
	27	Wheelbase		L	mm	1750	1750	1750	1750
	28	Ground clearance		Mast lowest position	mm	150/120	150/120	150/120	150/120
Weight	29			Wheelbase center	mm	170/150	170/150	170/150	170/150
	30	Service weight			Kg	4200	4200	4200	4200
	31	Laden		Front	Kg	6390	6390	6390	6390
	32			Rear	Kg	810	810	810	810
	33	Unladen		Front	Kg	1710	1710	1710	1710
	34			Rear	Kg	2490	2490	2490	2490
	35	Battery		Voltage / Capacity	V/Ah	12/80	12/80	12/80	12/80
Power & transmission	36	Model				S4S-DPEU2	A498BT1-39	4IG2	GK25
	37	Manufacturer				Mitsubishi	CHINA	ISUZU	GCT
	38	Rated output/p.m			kw	35.3/2250	36.8/2400	44.9/2450	37.4/2300
	39	Rated torque/p.m			N.m	177/1700	186/1600-1800	184.7/1700	176.5/1600
	40	No. of cylinders				4	4	4	4
	41	Bore x Stroke			mm	94x120	98x105	95.4x107	89x100
	42	Emission			cc	3331	3168	3059	2488
	44	Fuel tank capacity			L	60	60	60	60
	45	Manufacturer				CHINA	CHINA	CHINA	CHINA
	46	Type				Hydraulic powershift	Hydraulic powershift	Hydraulic powershift	Hydraulic powershift
Operation pressure	47	Stage		FWD/RVS		1/1	1/1	1/1	1/1
	48	Operation pressure			Mpa	17.5	17.5	17.5	17.5



Type	Lift height h3	Height, mast			Height, Free lift(h2)		Load distance centre of drive axle to fork X			Tilt of mast/fork carriageforward/backward		Load capacity							
		Height, mast lowered(h1)	Height, mast extended(h4)		No backrest	With backrest	2.5t	3.0t	3.5t	α	β	500mm Load center distance				Double front tyre			
		mm	No backrest	With backrest			mm	mm	mm	Deg	Deg	Single front tyre	Double front tyre	Single front tyre	Double front tyre	Single front tyre	Double front tyre	Single front tyre	Double front tyre
Wide-view mast	2W200	2000	1570	2570	3260	140	140	476	481	486	6	10	2500	2500	3000	3000	3500	3500	3500
	2W250	2500	1820	3070	3760	140	140	476	481	486	6	10	2500	2500	3000	3000	3500	3500	3500
	2W270	2700	1920	3270	3960	140	140	476	481	486	6	10	2500	2500	3000	3000	3500	3500	3500
	2W300	3000	2070	3570	4120	140	140	476	481	486	6	10	2500	2500	3000	3000	3500	3500	3500
	2W330	3300	2220	3690	4420	140	140	476	481	486	6	10	2500	2500	3000	3000	3500	3500	3500
	2W350	3500	2320	3890	4620	140	140	476	481	486	6	10	2500	2500	3000	3000	3500	3500	3500
	2W360	3600	2370	3990	4720	140	140	476	481	486	6	10	2500	2500	3000	3000	3500	3500	3500
	2W400	4000	2620	4040	5120	140	140	476	481	486	6	10	2300	2500	2850	3000	3250	3500	3500
	2W430	4300	2770	4340	5420	140	140	476	481	486	6	6	2100	2450	2700	2900	3000	3400	3400
	2W450	4500	2870	4290	5620	140	140	476	481	486	6	6	2000	2400	2550	2850	2850	3350	3350
2-free mast	2F250	2500	1805	2220	2900	1210	560	476	481	486	6	10	2500	2500	3000	3000	3500	3500	3500
	2F270	2700	1905	2320	3000	1310	660	476	481	486	6	10	2500	2500	3000	3000	3500	3500	3500
	2F300	3000	2055	2620	3300	1460	810	476	481	486	6	10	2500	2500	3000	3000	3500	3500	3500
	2F330	3300	2205	3870	4550	1610	960	476	481	486	6	10	2500	2500	3000	3000	3500	3500	3500
	2F360	3600	2355	4020	4710	1760	1110	476	481	486	6	10	2500	2500	3000	3000	3500	3500	3500
	2F400	4000	2605	4420	5100	2060	1410	476	481	486	6	10	2300	2500	2850	3000	3250	3500	3500
	3F430	4300	2095	4910	5570	1360	730	490	495	500	6	6	2000	2400	2550	2850	2850	3350	3350
	3F450	4500	2175	5070	5750	1460	810	490	495	500	6	6	1900	2300	2400	2700	2700	3200	3200
	3F480	4800	2280	5375	6050	1565	915	490	495	500	6	6	1700	2100	2250	2550	2450	2950	2950
	3F500	5000	2365	5570	6250	1610	960	490	495	500	6	6	1600	2000	1850	2250	2300	2800	2800
3-free mast	3F550	5500	2615	6150	6830	1770	1120	490	495	500	3	6	1200	1800	1650	2250	1800	2550	2550
	3F600	6000	2865	6570	7250	2020	1370	490	495	500	3	6	800	1600	1200	2100	1300	2300	2300

No.	Optional items	CPC(Q)D25/30/35H3
1.1	Fork dimensions	●122*45*1070○122*45*1150○122*45*1220○122*45*1370○122*45*1520 ○122*45*1600○122*45*1700○122*45*1820○122*45*2000○122*45*2200○122*45*2400
1.4	Fork carriage width	●1100mm○Yes and can be customized
1.5	Fork carriage height	●1095mm○Yes and can be customized
2.5	Front tyre	●Pneumatic○Solid○Non-marking solid
2.6	Rear tyre	●Pneumatic○Solid○Non-marking solid
2.7	Seat	●Regular○Premium○Suspension○Suspension + seatbelt logic switch
2.8	Attachment	●No○Built-in sideshift○External sideshift○Fork positioner
2.10	Traction pin	●Yes
3.4	Front light	●LED
3.5	Rear light	●No○LED
3.6	Warning light	●Yes
3.7	Steering light	●Yes
3.8	Blue spot	●No○2 front○1 rear○2 front + 1 rear
3.9	Area warning light	●No○Red lights on both sides
3.10	Rearview mirror	●1 rearview mirror○Add 2 on both sides
3.11	Buzzer	●Yes
3.16	OPS	●No○Yes and not customized
3.20	Remote monitoring	●No○Yes and not customized
4.1	Cabin	●No○Basic half cabin○Upgrade half cabin○Full cabin

Note: ●Standard ○Optional