

CHL
MATERIALS HANDLING

EASE YOUR JOB

6000-7000 lbs

Internal Combustion
Counterbalance Forklift



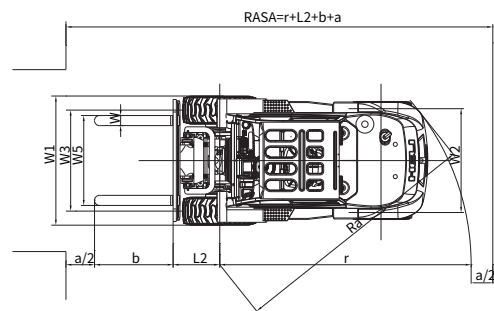
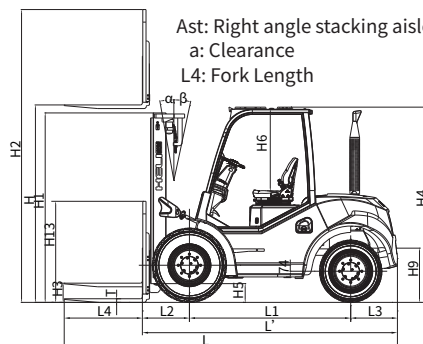
CPCD 30/35



Manufacturer and Technical Data

Characteristics							
1.01	Model			CPCD30-2	CPCD35-2	CPCD30-3	CPCD35-3
1.02	Rated Capacity		lb	3000	7000	6000	7000
1.03	Load Center		in	500	20	20	20
1.04	Power Type			Diesel			
1.05	Operation Mode			Seat-type			
Dimensions							
2.01	Lifting Height(standard)	H	in	118	118	118	118
2.02	Mast Overall Height(Fork to the ground and mast be vertical)	H1	in	88	90	88	90
2.03	Max.Fork Lifting Height(With backrest)	H2	in	172	172	172	172
2.04	Free Lift Height	H3	in	6	6	6	6
2.05	Overall Height	H4	in	95	95	95	95
2.06	Min.Ground Clearance(At the mast)	H5	in	11	11	11	11
2.07	Distance From the Surface of the Seat to the Overhead Guard	H6	in	50	50	50	50
2.08	Traction Pin Height	H9	in	18	18	18	18
2.09	Backrest Height(Calculated from the surface of the fork)	H13	in	50	51	50	51
2.10	Overall Length(With fork/Without fork)	(L/L')	in	166/124	166/124	166/124	166/124
2.11	Wheel Base	L1	in	79	79	79	79
2.12	Front Overhang	L2	in	23	23	23	23
2.13	Rear Overhang	L3	in	23	23	23	23
2.14	Overall Width	W1	in	63	63	63	63
2.15	Tread (Front tread/Rear tread)	(W3/W2)	in	49	49	49	49
2.16	Fork Adjustable Range(the external of the fork)(Max./Min.)	W5	in	46 10	46 10	46 10	46 10
2.17	Min.Turning Radius(Exterior)	r	in	141	141	141	141
2.18	Min.Turning Radius(Interior)	r'	in	51	51	51	51
2.19	Min.Right Angle Stacking Aisle Width	Ra	in	220	2220	220	220
2.20	Mast Tilting Angle	α/β	deg.	10/12	10/12	10/12	10/12
2.21	Fork Size	(L4×W×T)	in	42×5×2	42×5×2	42×5×2	42×5×2
Performance							
3.01	Max.Traveling Speed (Loaded/Unloaded)	No differential lock	mph	12	12	15	15
		With differential lock	mph	11	11	14	14
3.02	Max.Gradeability (Loaded/Unloaded)	No differential lock	%	76	70	63	57
		With differential lock	%	43	38	36	32
3.03	Max.Drawbar Pull (Loaded/Unloaded)	No differential lock	kN	35	38	35	38
		With differential lock	kN	50	50	50	50
3.04	Lifting Speed (Loaded/Unloaded)	/	fpm	100/110	83/89	100/110	83/89
3.05	Lowng Speed (Loaded/Unloaded)	/	fpm	100/108	90/96	100/108	90/96
Weight							
4.01	Total Weight		lb	10800	11400	11000	11700
4.02	Weight Distribution Loaded (Front/Rear)		lb	13900/2900	15700/2800	14000/3000	15800/2900
4.03	Weight Distribution Unloaded (Front/Rear)		lb	4600/6200	4800/6700	4700/6300	2900/6800
Wheel and Tyre							
5.01	Wheel Number x = Drive Wheel (Front/Rear)			2X/2	2X/2	2X/2	2X/2
5.02	Tyre Type(Front/Rear)			Vacuum tyre	Vacuum tyre	Vacuum tyre	Vacuum tyre
5.03	Tyre Size(Front/Rear)			14-17.5-16PR/10-15.5-10PR	14-17.5-16PR/10-15.5-10PR	14-17.5-16PR/10-15.5-10PR	14-17.5-16PR/10-15.5-10PR
5.04	Service Brake			Hydraulic-Foot Pedal	Hydraulic-Foot Pedal	Hydraulic-Foot Pedal	Hydraulic-Foot Pedal
5.05	Parking Brake			Ratchet parking brake	Ratchet parking brake	Ratchet parking brake	Ratchet parking brake
Drive and Transmission Control Device (Standard configuration without differential lock, optional with differential lock)							
6.01	Battery(Voltage/Capacity)		V/Ah	12/95	12/95	12/95	12/95
6.02	Engine Mode			KubotaV2403	KubotaV2607	KubotaV2607	KubotaV2607
6.03	Engine Rated Power		hp/rpm	31.8/2400	27.9/2400	27.9/2400	27.9/2400
6.04	Engine Rated Torque		lb*ft/rpm	144.0/1500	126.3/1500	126.3/1500	126.3/1500
6.05	Emission			Euro stage V/EPA IV	Euro stage V/EPA IV	Euro stage V/EPA IV	Euro stage V/EPA IV
6.06	Tranmission Box Shifting Gears(Front/Rear type)			2-1Power Shift	3-3Power Shift	3-3Power Shift	3-3Power Shift

Mast model	Lifting height (in)	Load capacity (load center 24in)(lb)		Mast overall height (fork to the ground)(in)		Free lifting height (with backrest)(in)		Service weight (lb)		Mast tilting angle (°)α/β
		6000lb	7000lb	6000lb	7000lb	6000lb	7000lb	6000lb	7000lb	
ZSM435	171	5200	5200	90	90	37	37	11440	12020	10/6
ZSM450	177	6000	6000	92	92	38	39	11480	12040	10/6
ZSM470	185	6000	6000	94	94	41	41	11520	12080	10/6
ZSM500	197	5200	5200	99	99	47	47	11580	12160	5/6
ZSM540	213	3800	3800	103	103	51	51	11640	12220	5/6
ZSM600	236	3000	3000	111	111	59	59	11860	12420	5/6



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