

Internal Combustion Counterbalanced Diesel Forklift

Model				CPCD40-L	CPCD45-L	CPCD50-L	CPCD40-LF	CPCD45-LF	CPCD50-LF		
Power type				Diesel							
Rated capacity				kg	4000	4500	5000	4000	4500	5000	
Load center				mm				500			
Lift height				mm				3000			
Free lift height				mm				150			
Fork size				mm	1070×150×55			1070×150×55			
Fork spread outside			Min./Max.	mm	300/1200			300/1200			
Mast tilt angle				deg	6°/12°			6°/12°			
Front overhang				mm	562			562			
Overall dimensions	Length to face of fork			mm	3091	3091	3125	3091	3091	3125	
	Length with fork			mm	4182	4182	4216	4182	4182	4215	
	Overall width			mm	1485			1480			
	Wheel width			mm	1465			1465			
	Mast lowered height			mm	2380			2380			
	Mast extended height			mm	4250			4250			
	Overhead guard height			mm	2290			2290			
	Turning radius			mm	2790			2790	2790	2830	
	Min, right angle aisle width				mm	3415	3415	3460	3415	3415	3460
	Performance	No load/full load		Travel speed	Forward I	km/h			15/14		
			Forward II				22/20				
			Backward I				15/14				
Lift speed			mm/sec	480/450	480/450	480/430	480/450	480/450	480/430		
Max. gradeability			%	20/19	18/17	17/16	20/19	18/17	17/16		
Max. drawbar pull			KN	21			21				
Self weight				kg	6450	6770	7050	6450	6770	7050	
Wheel & Tire	Tires		Front	300-15-18PR			300-15-18PR				
			Rear	7.00-12-12PR			7.00-12-12PR				
	Tread		Front	mm	1180			1180			
			Rear	mm	1190			1190			
	Wheelbase			mm	2000			2000			
Min.ground clearance (no load/full load)			Mast	mm			175/145				
			Frame	mm			190/180				
Drive units & control				Battery	V/AH			2-12V/80AH			
Engine		Model		A-6BG1QC-05			R4105G25				
Rated output				kw/rpm	68/2000			59/2300			
Rated torque				N.m/rpm	340/1400 ~ 1600			280/1600 ~ 1800			
No.of cylinder					6			4			
Bore×stroke				mm	105×125			105×120			
Displacement				cc	6494			4156			
Fuel tank capacity				L	90			90			
Transmissions		Type		Hydraulic			Hydraulic				
		Shift	FWD/RWD	02/01/12			02/01/12				
Operating pressure				Mpa	17	17	18	17	17	18	