

CPCD50-70 Specifications



POS		ITEM DESCRIPTION	UNIT	DESIGN VALUE			
Specification	1.1	Manufacturer		CPCD50	CPCD60	CPCD70	
	1.2	Model designation		KION Baoli	KION Baoli	KION Baoli	
	1.3	Power type: Electric-Diesel-Petrol-LPG-Network Power (Electric)		CPCD50	CPCD60	CPCD70	
	1.4	Operation Type:Hand-stand on-Driver seated		Diesel	Diesel	Diesel	
	1.5	Load Capacity		Driver seated	Driver seated	Driver seated	
	1.6	Load Barycenter Distance	Q(Kg)	5000	6000	7000	
	1.7	Load Barycenter Distance	C(mm)	600	600	600	
	1.8	Axle centre to fork face	X(mm)	590	595	600	
	1.9	Wheel Base	Y(mm)	2250	2250	2250	
wheels and tyres	2.1	Service Weight	Kg	8000	8640	9350	
	3.1	Tyres:SE-Super elastic PN-Pneumatic		PN	PN	PN	
	3.2	Front Tyres Size		8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	
	3.3	Rear Tyres Size		8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	
Dimensions and Overall Sizes	3.6	Front Track Width	b10 (mm)	1470	1470	1470	
	3.7	Rear Track Width	b11 (mm)	1700	1700	1700	
	4.1	Mast lift,forward/backward	α/β (Grad)	6°/12°	6°/12°	6°/12°	
	4.2	Mast Minimum Overall Height	h1(mm)	2500	2500	2500	
	4.3	Free lift	h2(mm)	205	210	215	
	4.4	Lift height	h3(mm)	3000	3000	3000	
	4.5	Mast Maximum Overall Height	h4(mm)	4429	4429	4429	
	4.7	Overhead Guard Height	h6(mm)	2420	2420	2420	
	4.8	Seat Height	h7(mm)	1320	1320	1320	
	4.12	Drawbar Height	h10(mm)	419	419	419	
	4.19	Overall Length	L1(mm)	4660	4780	4780	
	4.20	Lenght to Face of Forks	L2(mm)	3440	3560	3560	
	4.21	Overall Width	b1(mm)	1995	1995	1995	
	4.22	Fork Arms Dimensions	s/e/l(mm)	55/150/1220	60/150/1220	65/150/1220	
	4.23	Fork Carriage in Compliance with ISO 2328 Class/Form A,B		A	A	A	
	4.24	Fork Carriage Width	b3(mm)	1845	1845	1845	
		Ground Clearance below Mast(with load)	m1(mm)	160	160	160	
		Ground Clearance Centre of Wheelbase(with load)	m2(mm)	190	190	190	
	4.34.1	Working Aisle Width with pallet 1000×1200 (1200 across forks)	Ast(mm)	5350	5350	5350	
	4.34.2	Working Aisle Width with pallet 800×1200 (1200 along forks)	Ast(mm)	5350	5350	5350	
Performance	4.35	Turning Radius	Wa(mm)	3300	3450	3450	
	4.36	Turning Point Minimum Distance from the Truck Center Line	b13(mm)	1095	1095	1095	
	5.1	Drive Speed with/without load	km/h	26/28	26/28	26/28	
	5.2	Lifting Speed with/without load	mm/s	370/500	330/500	320/500	
	5.7	Gradeability (at 2km/h) with/without load	%	20	20	20	
Engine	5.10	Service Brake		Mechanical/hydraulic	Mechanical/hydraulic	Mechanical/hydraulic	
		Engine Options		Engine Options			
	7.1	Engine Manufacturer/Engine Type		Mitsubishi S6S-T	ISUZU 6BG1QC-02	Chaochai 6102BG	CUMMINS QSB4.5
	7.2	Engine Power in compliance with ISO 1585	Kw	67.6	82.3	81	82
	7.3	Rated Number of Revolutions	/min	2300	2000	2500	2200
	7.4	Cylinder Number/Displacement	cm³	6/4996	6/6494	6/5785	4/4500
	7.5	Fuel Consumption in compliance with VDI-Cycle	l/h				
	7.9	On-board voltage	V	24	24	24	24
Others	8.1	Drive Control Type		Electron Hydraulic	Electron Hydraulic	Electron Hydraulic	Electron Hydraulic
	10.1	Service Pressure for Attachments	bar	-	-	-	-
	10.2	Oil Flow rate for (max.available)	l/min	-	-	-	-
	10.4	Volume fuel tank	l/kg	140/117	140/117	140/117	140/117
	10.7	Noise at Operator's Ear in compliance with EN 12053	dB(A)	110	110	110	110
10.8	Drawbar,model/Type DIN 15170		Pin	Pin	Pin	Pin	

