

Manufacturers Data and design Characteristics				
Characteristics				
1.01	Manufacturer's Name			ANHUI HELI CO., Limited
1.02	Model designation			CPD15
1.03	Configuration Number			FJ1
1.04	Load capacity		Kg	1500
1.05	Load center		mm	500
1.06	Power type			Battery
1.07	Operator Type			Seated
1.08	Wheel base		mm	1250
Wheels and Tyres				
2.01	Tyre Type			Solid tyre
2.02	Tyres Number (Front/Rear)			2/2
2.03	Tread (Center of tyre), Front		mm	890
2.04	Tread (Center of tyre), Rear		mm	920
2.05	Tyre size, Front			650-10
2.06	Tyre Size, Rear			500-8
Dimensions				
3.01	Load Distance		mm	425
3.02	Mast Tilt Angle, F.R		A/B	6/12
3.03	Height with mast lowered		mm	1995
3.04	Free lift		mm	155
3.05	Lift height		mm	3300
3.06	Height with mast Extended		mm	2145
3.07	Overhead Guard Height		mm	2130
3.08	Fork Size		mm	35 * 100 * 1220
3.09	Fork Carriage to DIN 15173 A/B			2A
3.10	Length to fork face		mm	2040
3.11	Overall Width		mm	1070
3.12	Outside Turning Radius		mm	1820
3.13	Ground Clearance at mast, Loaded		mm	110
3.14	Ground Clearance at centre of wheelbase, loaded		mm	125
3.15	Right stack aisle width(Pallet size 1000X1000mm, Clearance: 200mm)		mm	3445
3.16	Right stack aisle width(Pallet size 1200X1200mm, Clearance: 200mm)		mm	3645
Performances				

4.01	Travel Speed, with/without load		Km/h	14/15
4.02	Lifting Speed, with/without load		mm/s	270/450
4.03	Lowering Speed		mm/s	450
4.04	Gradient performace with load		%	17
4.05	Max.Drawbar pull with load		N	8600
4.06	Acceleration time (10 Meters) W/O load		s	4.5/4.2
Weight				
5.01	Total Approximate weight(W/O Battery)		Kg	2950
5.02	Axle Loading : unloaded , Front/Rear		Kg	1330/1620
5.03	Axle Loading : loaded , Front/Rear		Kg	4000/450
Battery				
6.01	Battery Voltage/rated capacity (5h)		V/Ah	48/400
6.02	Battery weight		Kg	975
6.03	Compartment for battery Size		mm	617*980*465
Motor and Controller				
7.01	Drive motor - 60 Min, Rating		KW	8.0 (AC)
7.02	Pump Motor - 15 Min, Rating		KW	7.5 (DC)
7.03	Drive Motor control method			MOSFET/AC
7.04	Pump Motor control method			MOSFET/DC
7.05	Servie Brake/Parking Brake			Hydraulic / Mechanical
7.06	Relief Pressure		MPa	14.5