

Manufacturers Data and design Characteristics				
Characteristics				
1	Manufacturer			ANHUI HELI CO., Limited
2	Model			CPCD15
3	Power unit			Diesel
4	Rated capacity		Kg	1500
5	Load center		mm	500
6	Operation			Driver seated
Dimensions				
7	Overall max. lifting height (with backrest)	h4	mm	4030
8	Max. Lifting height	h3	mm	3300
9	Height mast retracted(upright)	h1	mm	2145
10	Free lift height	h2	mm	155
11	Backrest height(from upper face of forks)	h8	mm	1005
12	Overhead Guard clearance (From face of seat)	h7	mm	1025
13	Overall height(overhead guard)	h6	mm	2070
14	Overall length(with forks)	L1	mm	3165
15	Overall Length (without forks)	L2	mm	2245
16	Front overhang	X	mm	421
17	Rear overhang	L4	mm	420
18	Wheel base	L5	mm	1400
19	Coupler height	h5	mm	250
20	Min.ground clearance under mast	m1	mm	110
21	Overall width	B	mm	1070
22	Lateral fork adjustment outside of forks(Max./Min)	S	mm	950/200
23	Tread(Front)	R	mm	890
24	Tread(Rear)	P	mm	920
25	Outside turning radius	Wa	mm	1955
26	Inside turning radius	V	mm	110
27	Min. intersecting aisle	Ra	mm	2052
28	Tilting angles(forward.backward)	a/b		6 / 12 degree
29	Fork dimensions(axbxc)		mm	1220 X 100 X 35
Performance				
30	Max.Traveling speeds(With/Without load)		km/h	13.5 / 14.5
31	Lifitng Speeds(with/Without load)		mm/s	590 / 650
32	Lowering Speeds(With/Without load)		mm/s	450 / 550
33	Max.Draw-bar pull(With/Without load)		KN	7/18
34	Max.Negotiable Gradient(With/Without load)		%	20

Weights				
35	Service Mass		Kg	2660
36	Load Wheel with load(Front/Rear)		Kg	3640 / 520
37	Load wheel without load (Front/Rear)		Kg	1170 / 1490
Tyres				
38	Wheels number front/rear(X=Driven)			2X/2
39	Tyre type			Pneumatic
40	Tyre size(front)			6.50-10-10PR
41	Tyre size (rear)			5.00-8-8PR
42	Service Brake			Hydraulic - foot Pedel
43	Paking Brake			Mechanical-Had lever
Drive				
44	Battery (Voltage/Capacity)		V/Ah	12/80
45	Internal Combustion Engine Model			ISUZU C240PKJ
46	Internal Combustion Engine Rated Output		KW/rp	35.4/2500
47	Internal Combustion Engine Rated Torque		Nm/rp	139.9/1800
48	Internal Combustion Engine Number of Cylinder			4-86X102
49	Internal Combustion Engine Displacement		L	2.369
50	Internal Combustion Engine Fuel tank capacity		L	38
51	Transmission Number of speed Fwd/Bwd type			1-1 Power shift T/M