

CPC25-CPC100

DIESEL FORKLIFT

PRODUCT DESCRIPTION:

◎We adopt a new design style and use ergonomics technology to reduce the fatigue strength of operators; Use integral welded roof protection frame. Reduce the resonance caused by engine idle speed and whole machine operation, and improve the comfort of operators;



ADVANTAGES:

◎Lower Pollution

- 1.High efficiency hydraulic system decreases the fuel consumption;
- 2.Various brands and models of engines are available; Optional engine in compliance with new EU EC and US EPA regulations

◎Safety and Reliability

- 1.Steering oil tube and instrument wire harness are arranged separately, which is clear, easy to maintain, and improves the safety of the electrical system.
- 2.Adopting sinking mast structure to improve the stability of the mast and reduce the tension and pressure of the tilting cylinder, thus reducing the failure rate of the hydraulic system;
- 3.The drive axle and steering axle body adopt integral casting molding, which greatly improves the reliability of the whole vehicle;
- 4.Aluminous plate-fin radiator, hot wind backflow preventing baffle, optimized counterweight cooling channel improve the truck' s cooling ability.

◎Easy Maintenance

- 1.Transmission filter element and hydraulic return oil filter adopt external structure, which is more convenient and quicker for repair and maintenance;
- 2.Enlarged hood opening angle provides more spacious working space for inspection and maintenance;
- 3.The front bottom plate adopts an integral pin structure, which can be opened without tools, greatly improving the convenience of daily maintenance and repair.

GENERAL	1	MODEL	CPC25	CPC30	CPC30	CPC38	CPC40	CPC50	CPCD100
	2	RATED LOAD CAPACITY	2500	3000	3000	3800	4000	5000	10000
	3	LOAD CENTER	500	500	500	500	500	500	600
DIMENSIONS	4	LIFTING HEIGHT	3000	3000	3000	3000	3000	3000	3000
	5	FREE LIFTING HEIGHT	120	135	135	135	135	160	180
	6	FORK SIZE LXWXT	1220×122×40	1220×122×45	1220×122×45	1220×125×50	1220×155×55	1220×175×80	
	7	MAST TILTING ANGLE F/R	6/12	6/12	6/12	6/12	6/12	6/12	6/12
	8	LENGTH(WITHOUT FORK)	2540	2750	2750	2815	2915	3248	4270
	9	OVERALL WIDTH	1164	1225	1225	1225	1225	1480	2164
	10	MAST HIGHT AFTER MAST FALL	2000	2070	2070	2180	2180	2275	2700
	11	LIFT HEIGHT	4000	4100	4100	4100	4100	4217	4400
	12	OVERHEAD GUARD HEIGHT	2140	2150	2150	2070	2070	2265	2550
	13	TURNING RADIUS	2240	2515	2515	2540	2615	2930	4110
	14	FRONT OVERHANG	455	480	480	485/570	485/570	560/588	700/755
	15	MIN.RIGHT ANGLE CHANNEL WIDTH	2280	2545	2545	2500	2600	2900	3740
	16	WHEELBASE	1600	1760	1760	1760	1860	2100	2800
	17	TRACK FRONT	970	1000	1000	1000	1000	1180	1600
	18	REAR	970	970	970	970	970	1190	1720
	19	GROUND CLEARANCE MAST	115	130	130	130	130	175	240
	20	CAR CENTER	170	200	200	200	200	243	290
TIRE	21	FRONT TIRE	7.00-12	28"9-15	28"9-15	250-15	250-15	300-15-18PR	900-20
	22	REAR TIRE	6.00-9	650-10	650-10	650-10	650-10	700-12-12PR	900-20
PERFORMANCE	23	SPEED TRAVEL FULL LOAD	17	18	18	20	20	21	24
	24	NO LOAD	19.5	19.5	19.5	20	20	21.6	26
	25	LIFTING FULL LOAD	530	450	300	380	380	490	330
	26	NO LOAD	550	500	370	420	420	510	350
	27	LOWERING FULL LOAD	450	450	400	420	420	420	380
	28	NO LOAD	550	500	350	460	460	400	350
29	MAX.DRAWBAR PULL FULL/NO LOAD	1350/1000	1696/1190	1850/1250	1950/1300	2000/1330	3000/1300	6200/49500	
30	MAX.GRADEABILITY FULL/NO LOAD	17/18 18/19	15/18	15/18	16/20	16/20	19/20	15/20	
WEIGHT	31	TOTAL WEIGHT	3680	4230	4230	4650	4950	6780	13120
POWER& TRANSMISSION	32	BATTERY VOLTAGE/CAPACITY	12/80	12/80	12/80	12/80	12/80	24/80	24/80
	33	ENGINE MODEL	4D27G31	4D27G31	4D27G31	4D29G31	4D29G31	4D35ZG31	CA4DF3-12GCG3U
	34	RATED POWER/SPEED	36.8/2500	36.8/2500	36.8/2500	36.8/2500	40/2500	60/2200	85/2200
	35	MAX.TORQUE/SPEED	157/1800	157/1800	157/1800	157/1800	157/1800	300/1600-1800	460/1400-1500
	36	WORK PRESSURE	17.5	17.5	17.5	17.5	17.5	20	20
	37	FUEL TANK CAPACITY	60	60	60	60	70	70	70
	38	TRANSMISSION TYPE	MECHANICAL	MECHANICAL	MECHANICAL	MECHANICAL	MECHANICAL	MECHANICAL	AUTOMATIC

