



4-5T DIESEL FORKLIFT



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STANDARD CONFIGURATION

Fully Hydraulic Power Steering	Adjustable Steering Wheel	Lift Circuit Flow-Control Valve
Cable-Operated Parking Brake	Standard Overhead Guard	Pneumatic Tires
Split LED Rear Combination Lights	2-Spool Control Valve	Load Safety Valve
Reverse Buzzer	Electric Horn	Left and Right Rear-View Mirrors
2-Stage Wide-View Mast	Standard Load Backrest	Standard Forks
Entry Assist Handle	Standard Seat	Anti-Slip Entry Step
Lift and Tilt Control Levers	Hydraulic Oil Dipstick	Tilt Circuit Self-Locking Valve
Rain Canopy	Multifunction Instrument Panel	On-Board Toolbox
LED Combination Headlights	USB Charging Port	

OPTIONAL CONFIGURATION

Suspension Seat	High/Low Overhead Guard	Custom Color
Panoramic Rear-View Mirror	Dual Air Cleaner	LED Rear Work Light
Fire Extinguisher	3-/4-Spool Control Valve	Solid Tires
Cab	Raised Exhaust	Toolbox

OPTIONAL ATTACHMENTS

Side Shifter	Paper Roll Clamp	Rotating Clamp	Rotating Forks
Load Stabilizer	Fork Extensions	Drum Clamp	Bale Clamp
Carton Clamp	Fork Positioner	Push-Pull	Tipping Forks
Sideshifting Fork Positioner	Load Ram	Crane Jib	Rotator

SPECIAL MAST OPTIONS

2-Stage Full Free-Lift Mast	3-Stage Full Free-Lift Mast	Wide Fork Carriage
High Load Backrest	Long Forks	Special Forks

DOMESTIC ENGINE CONFIGURATION								
Model	Engine Type	Emission Standard	Fuel Type	Rated Power	Max. Torque	Displacement	Applicable Model	Transmission
Unit				kw/rpm	N. m/rpm	mL		
4C6-85U32	Unit Pump	China III (Export)	Diesel	62. 5/2200	≤320/1800	3. 47	Up to 5 t	Mech. / Hydraulic

V35-88C41	Bosch Common Rail	China Stage IV	Diesel	65/2200	355/1400-1600	3. 47	Up to 5 t	Mech. / Hydraulic
4D35ZG31	Unit Pump	China III (Export)	Diesel	60/2200	≥300/1600-1800	3. 47	Up to 5 t	Mech. / Hydraulic

BASIC PARAMETERS

Model			CPC-G40X	CPCD-G40X	CPC-G45	CPCD-G45	CPC-G50X	CPCD-G50X
Fuel Type			Diesel	Diesel	Diesel	Diesel	Diesel	Diesel
Rated Capacity		(kg)	4000	4000	4500	4500	5000	5000
Load Center		(mm)	500	500	500	500	500	500
Battery (Voltage/Capacity)		(V/Ah)	12/80	12/80	12/120	12/120	12/120	12/120

PERFORMANCE PARAMETERS

Max. Lift Height	H	(mm)	3000	3000	3000	3000	3000	3000
Free Lift	H5	(mm)	160	160	160	160	160	160
Mast Tilt (Fwd/Back)	α/ β	(°)	6/12	6/12	6/12	6/12	6/12	6/12
Max. Lifting Speed (Loaded/Unloaded)		(mm/s)	420/440	420/440	430/470	450/510	420/460	440/500
Max. Lowering Speed (Loaded/Unloaded)		(mm/s)	330/310	330/310	420/350	420/350	430/350	430/350
Max. Travel Speed (Loaded/Unloaded)		(km/h)	19/19. 5	19/19. 5	18. 5/19	22/23	18. 5/19	22/23
Minimum Turning Radius	r	(mm)	2730	2730	2930	2930	2930	2930
Gradeability (Loaded/Unloaded)		(%)	15/20	15/20	20/21	20/21	20/21	20/21
Max. Drawbar Pull		(KN)	25	25	29	29	29	29
Service Weight		(kg)	5200	5200	6450	6600	6700	6850

OVERALL DIMENSIONS

Length (Excl. Forks)		(mm)	2960	2960	3220	3220	3220	3220
Width	W	(mm)	1400	1400	1500	1500	1500	1500
Mast Height	H1	(mm)	2130	2130	2275	2275	2275	2275
Overhead Guard Height	H3	(mm)	2160	2160	2280	2280	2280	2280
Load Backrest Height	H6	(mm)	1350	1350	1280	1280	1280	1280
Overall Height at Max. Lift	H2	(mm)	4230	4230	4230	4230	4230	4230
Ground Clearance		(mm)	140	140	169	169	169	169
Wheelbase	L	(mm)	1900	1900	2100	2100	2100	2100
Front Tread	W1	(mm)	1150	1150	1195	1195	1195	1195
Rear Tread	W2	(mm)	1070	1070	1195	1195	1195	1195

Front Overhang	L2	(mm)	500	500	560	560	560	560
Rear Overhang	L3	(mm)	580	580	560	560	560	560

OTHER SPECIFICATIONS

Front Tires			250-15-16PR	250-15-16PR	300-15-18PR	300-15-18PR	300-15-18PR	300-15-18PR
Rear Tires			7. 00-12-12PR	7. 00-12-12PR	7. 00-12-12PR	7. 00-12-12PR	7. 00-12-12PR	7. 00-12-12PR
Forks (L x W x T)	b	(mm)	1070*150*50	1070*150*50	1070*150*50	1070*150*50	1070*150*50	1070*150*50

ENGINE SPECIFICATIONS

Model			xinchai A498BPG	XINCAI 4D35ZG31
Rated Power		(kW/rpm)	45/2500	60/2200
Max. Torque		(N. m/rpm)	193/1675-1875	300/1600-1800
No. of Cylinders			4	4
Displacement		(L)	3. 17	3. 47

4-5t 2-STAGE WIDE-VIEW MAST SPECIFICATIONS

MAX. LIFT HEIGHT	Mast Height									Free Lift						Front Overhang			Mast Tilt	Rated Load		
	Lowered Mast Height			Extended Mast Height																		
				With Load Backrest			Without Load Backrest			With Load Backrest			Without Load Backrest							Load Ctr. 500 mm		
	4t	4. 5t	5t	4t	4. 5t	5t	4t	4. 5t	5t	4t	4. 5t	5t	4t	4. 5t	5t	4t	4. 5t	5t	Fwd/Back	4t	4. 5t	5t
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	(°)	(kg)	(kg)	(kg)
2500	1875	1995	1995	3680	3670	3865	3220	3330	3330	130	160	160	130	160	160	490	550	555	6° /12°	4000	4500	5000
2700	1975	2095	2095	3880	3870	4065	3420	3530	3530	130	160	160	130	160	160	490	550	555	6° /12°	4000	4500	5000
3000	2125	2245	2245	4180	4170	4365	3720	3830	3830	130	160	160	130	160	160	490	550	555	6° /12°	4000	4500	5000
3300	2275	2395	2395	4480	4470	4665	4020	4130	4130	130	160	160	130	160	160	490	550	555	6° /12°	4000	4500	5000
3500	2375	2495	2495	4680	4670	4865	4220	4330	4330	130	160	160	130	160	160	490	550	555	6° /12°	4000	4500	5000
4000	2675	2795	2795	5180	5170	5365	4720	4830	4830	130	160	160	130	160	160	490	550	555	6° /12°	3800	4250	4750
4500	2925	3070	3070	5680	5670	5865	5220	5330	5330	130	160	160	130	160	160	490	550	555	6° /8°	3300	3800	4250
5000	3175	3345	3345	6180	6170	6365	5720	58360	5830	130	160	160	130	160	160	490	550	555	6° /8°	2800	3150	3500

MAX. LIFT HEIGHT	4-5t 2-STAGE WIDE-VIEW MAST SPECIFICATIONS																					
	Mast Height									Free Lift										Rated Load		
																Front Overhang			Mast Tilt			
	Lowered Mast Height			Extended Mast Height																		
				With Load Backrest			Without Load Backrest			With Load Backrest			Without Load Backrest							Load Ctr. 500 mm		
	4t	4.5t	5t	4t	4.5t	5t	4t	4.5t	5t	4t	4.5t	5t	4t	4.5t	5t	4t	4.5t	5t	Fwd/Back	4t	4.5t	5t
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	(°)	(kg)	(kg)	(kg)
2500	1990	1980	1980	3655	3670	3865	3355	3365	3365	845	809	610	1140	1114	1114	490	560	565	6° /12°	4000	4500	5000
2700	2090	2100	2100	3855	3920	4115	3555	3615	3615	945	933	735	1240	1238	1238	490	560	565	6° /12°	4000	4500	5000
3000	2190	2225	2225	4145	4170	4365	3845	3865	3865	1045	1055	860	1340	1364	1364	490	560	565	6° /12°	4000	4500	5000
3300	2390	2380	2380	4455	4470	4665	4155	4165	4165	1245	1205	1010	1540	1514	1514	490	560	565	6° /12°	4000	4500	5000
3500	2550	2525	2525	4755	4770	4965	4455	4465	4465	1405	1359	1160	1700	1664	1664	490	560	565	6° /12°	4000	4500	5000

4-5t 3-STAGE FULL FREE-LIFT WIDE-VIEW MAST																						
MAX. LIFT HEIGHT	Mast Height									Free Lift						Front Overhang			Mast Tilt	Rated Load		
	Lowered Mast Height			Extended Mast Height																Load Ctr. 500 mm		
				With Load Backrest			Without Load Backrest			With Load Backrest			Without Load Backrest									
	4t	4. 5t	5t	4t	4. 5t	5t	4t	4. 5t	5t	4t	4. 5t	5t	4t	4. 5t	5t	4t	4. 5t	5t	Fwd/Back	4t	4. 5t	5t
mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	(°)	(kg)	(kg)	(kg)
4000	1975	2080	2080	5170	5170	5365	4585	4850	4860	791. 5	912	715	1204	1229	1222	500	605	615	6° /6°	3600	4000	4500
4500	2150	2248	2248	5670	5685	5880	5085	5365	5370	966. 5	1080	883	1379	1395	1390	500	605	615	6° /6°	3000	3600	4000
4800	2250	2340	2340	5970	5970	6170	5385	5650	5660	1066. 5	1172	975	1479	1489	1482	500	605	615	6° /6°	2700	3350	3750
5000	2350	2410	2410	6170	6170	6370	5585	5855	5860	1166. 5	1242	1045	1579	1559	1552	500	605	615	6° /6°	2500	3150	3500
6000	2700	2790	2790	7170	7180	7380	6585	6866	6870	1516. 5	1622	1425	1929	1939	1932	500	605	615	3° /6°	1500	1950	2200
6500	2865	2980	2980	7670	7680	7880	7085	7365	7370	1681. 5	1812	1615	2094	2129	2123	500	605	615	3° /6°	1200	/	/
7000	3035	3155	3155	8170	8175	8375	7590	7860	7865	1850. 5	1988	1790	2263	2304	2298	500	605	615	3° /6°	1000	/	/

