



INNOVALUE & EXCELLENCE



FD50-100

COUNTER BALANCE DIESEL FORKLIFT



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Features >>>

Counter Balance diesel forklift (5-10ton)

Indoor and outdoor forklift operator



Perfect design for front and rear hoisting position
Ensures convenient swing and load or unload



Front hoisting point
Rear hoisting point

A full security



Complete shut-off cabin(option)
Air conditioning, heater, audio(option)



Completely appearance design
Exquisite & elegant appearance

(Example: FD50TA)



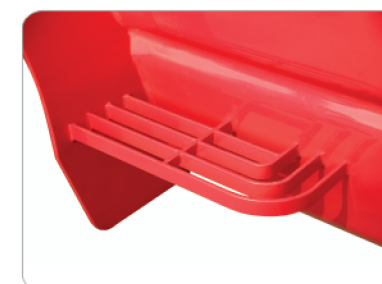
Hydraulic brake system
Quick response and high sensitivity



Hydraulic transmission
Large torque and high reliability
Adopt Taiwan Tongyi battery with high quality and efficiency



Auto electronic gear system
Easy gear and convenient operation



Succinct & beautiful floor design



Double warning equipment for backward
Special backward light design
Convenient work in large area at night



Outer air filter (dual-filter)
Ensures cleaner air supplement for engine



High reliability overhead guard design

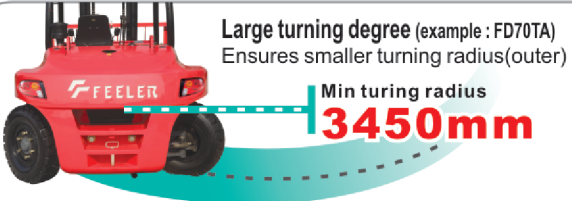
Integrative high strength "C" conduit steel mast
Improves strength and capacity



Mast tilt forward / backward

Large turning degree (example : FD70TA)
Ensures smaller turning radius(outer)

Min turing radius
3450mm

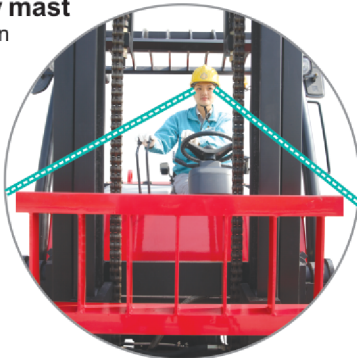


Front dual tire design
Improves the operating safety



Human-based design

Wide-view mast
Safe operation



Standard Equipment

1. Hour meter	5. Charge director	9. Drawbar pin	13.2-stage mast
2. Oil pressure alarm	6. Back-up buzzer	10. Horn	14. Awning
3. Hydraulic filter	7. Hydraulic steering	11. Back-up alarm	15. Standard seat
4. Lamp guard	8. Standard fork	12. Rear working light	

Option

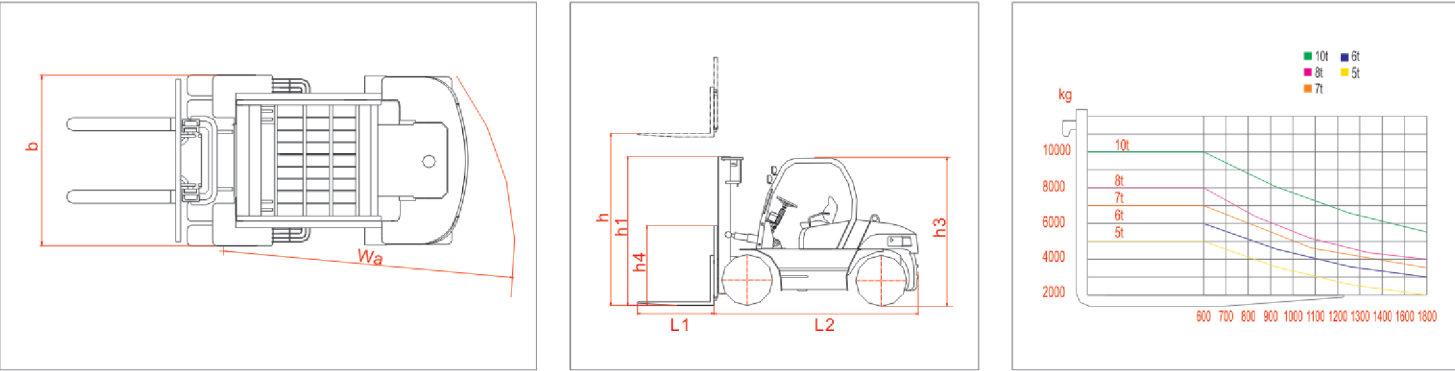
1. Cabin	5. Solid tire	9. Anti-fire muffler	13. Side shifter
2. High exhaust	6. Windshield	10. Customer color	14. Jib
3. Suspend seat	7. Heater	11. Lifting hook	
4. Fork extension	8. Wider fork carriage	12. Carpet probe	

Main Specifications

		FEELER				
Characteristics	1.1 Manufacturer					
	1.2 Model		FD50	FD60	FD70	FD80
	1.3 Power		diesel	diesel	diesel	diesel
	1.4 Load capacity	kg	5000	6000	7000	8000
	1.5 Operation type		seat	seat	seat	seat
	1.6 Load center	mm			600	
Tire	1.7 Service weight	kg	8340	8840	9350	10960
	2.1 Tire		pneumatic	pneumatic	pneumatic	pneumatic
	2.2 Tire size, front		8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	9.00-20-14PR
	2.3 Tire size, rear		8.25-15-14PR	8.25-15-14PR	8.25-15-14PR	9.00-20-14PR
Dimensions	2.4 Wheels, number front/rear		4/2	4/2	4/2	4/2
	3.1 Mast obliquity, forward/backward	deg	6/12	6/12	6/12	6/12
	3.2 Overall Length (without fork)	L2 mm	3460	3460	3560	4260
	3.3 Overall width	b mm	1995	1995	1995	2165
	3.4 Height of the back rest	h4 mm	1350	1350	1350	1380
	3.5 Max.lifting height	h mm			3000-6000 option	
	3.6 Height of overhead guard (cabin)	h3 mm	2450	2450	2450	2580
	3.7 Ground clearance with load of mast	mm	200	200	200	210
Performance	3.8 Min right-angle aisle width	mm	3000	3000	3090	3350
	3.9 Min turning radius (outer)	Wa mm	3300	3300	3450	3750
	4.1 Travel speed, with/without load	km/h	24/26	24/26	24/26	24/26
	4.2 Lifting speed, with/without load	mm/s	350/500	350/500	350/500	310/410
	4.3 Lowering speed, with/without load	mm/s	400/375	400/375	400/375	400/375
	4.4 Climbing ability	%	20	20	20	20
	4.5 Service brake		Hydraulic	Hydraulic	Hydraulic	Hydraulic
	5.1 Manufacturer of engine		CHAOCHAI 6102BG6 GM 4.3 ISUZU 6BG1 PERKINS 1104D-44TA		CHAOCHAI 6102BG6 ISUZU 6BG1 CUMMINS QSB4.5 PERKINS 1104D-44TA	YUCHAI 6B125 CHAOCHAI 6102BG6 ISUZU 6BG1 CUMMINS QSB4.5 PERKINS 1104D-44TA
Other	6.1 Fuel tank capacity	L		120		140
	6.2 Working pressure for attachments	Mpa		17		17

*Modification of technical details will be saved to our company with no additional notice to client.

OverSeas Engine
Local Engine



Mast Standard

(Container height limit 40'HQ)

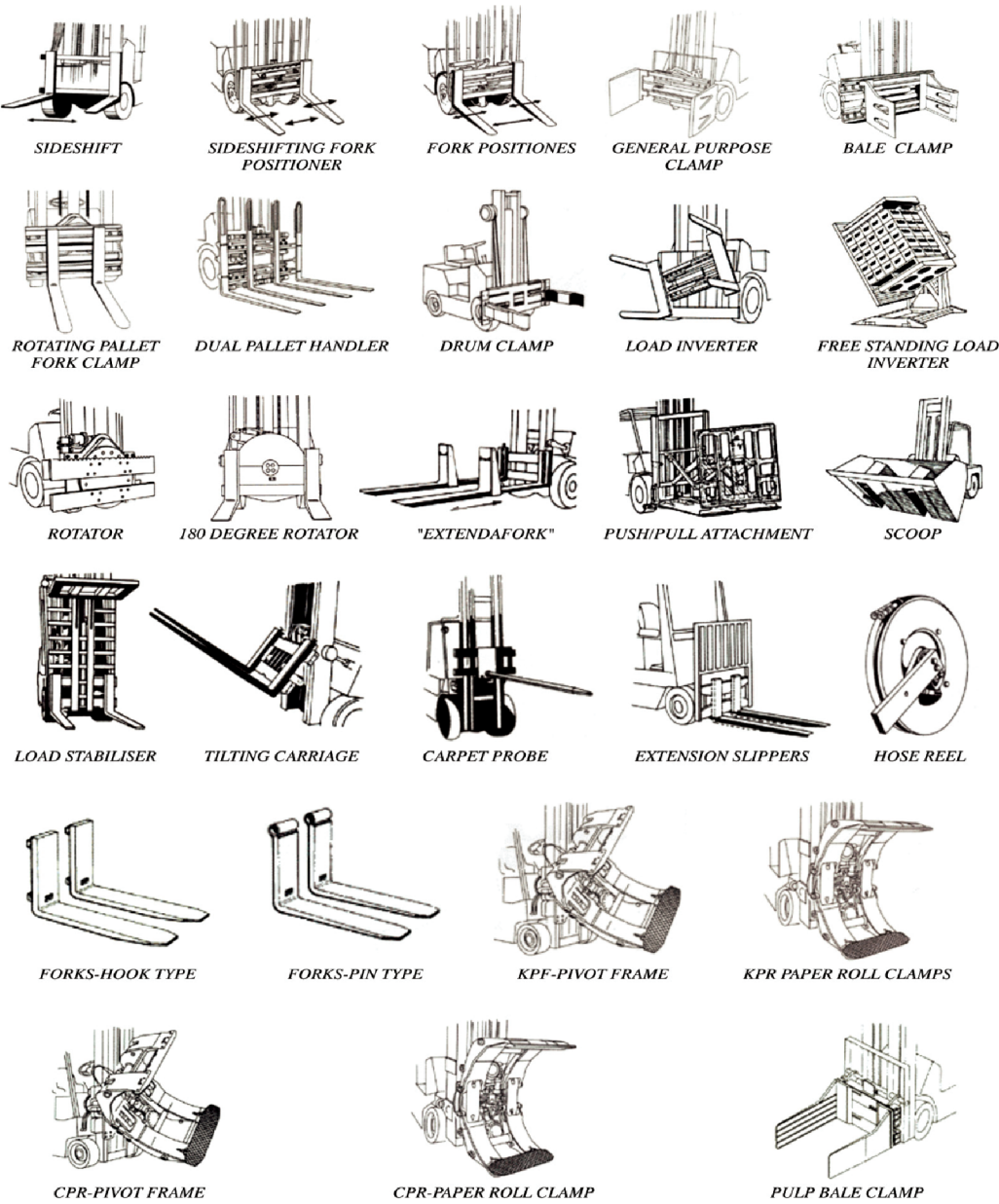
Model	Mast fork height		Load capacity (load center 600mm)kg					Overall height (h1) mm					Free lift (mm)	Free lift (mm)	Tilt Angle
	mm		FD50	FD60	FD70	FD80	FD100	FD50	FD60	FD70	FD80	FD100	5-7T	8-10T	Front/back
2-STAGE MAST	S250	2500	5000	6000	7000	8000	-	2250	2250	2375	2450	-	-	-	6°-12°
	S270	2700	5000	6000	7000	8000	-	2350	2350	2475	2550	-	-	-	6°-12°
	S300	3000	5000	6000	7000	8000	10000	2500	2500	2625	2700	2850	-	-	6°-12°
	S330	3300	5000	6000	7000	8000	10000	2650	2650	2775	2850	3000	-	-	6°-12°
	S350	3500	5000	6000	7000	8000	10000	2750	2750	2875	2950	3100	-	-	6°-12°
	S375	3750	5000	6000	7000	8000	10000	2875	2875	3000	3075	3225	-	-	6°-12°
	S400	4000	5000	6000	7000	8000	10000	3050	3050	3175	3250	3400	-	-	6°-12°
	S425	4250	5000	6000	7000	8000	10000	3175	3175	3300	3375	3525	-	-	6°-12°
	S450	4500	4500	5500	6500	7500	9500	3300	3300	3425	3500	3650	-	-	6°-12°
	S475	4750	4500	5500	6500	7500	9500	3425	3425	3550	3625	3775	-	-	6°-6°
	S500	5000	4200	5200	6200	7000	9000	3550	3550	3675	3750	3900	-	-	6°-6°
	S550	5500	4000	5000	6000	6500	8000	3850	3850	3975	4050	4200	-	-	3°-6°
	S600	6000	3500	4500	5500	6000	7000	4100	4100	4225	4300	4450	-	-	3°-6°
2-STAGE FULL FREE MAST	D250	2500	5000	6000	7000	8000	-	2185	2185	2185	2390	-	1270	1270/-	6°-12°
	D270	2700	5000	6000	7000	8000	-	2310	2310	2310	2500	-	1370	1370/-	6°-12°
	D300	3000	5000	6000	7000	8000	10000	2460	2460	2460	2650	2800	1520	1520	6°-12°
	D330	3300	5000	6000	7000	7000	8000	2610	2610	2610	2800	2950	1670	1670	6°-12°
	D350	3500	5000	6000	7000	7000	8000	2710	2710	2710	2900	3050	1770	1770	6°-12°
	D375	3750	5000	6000	7000	7000	8000	2835	2835	2835	3025	3175	1895	1895	6°-12°
	D400	4000	5000	6000	7000	7000	8000	3010	3010	3010	3200	3350	2070	2070	6°-12°
	D425	4250	5000	6000	7000	7000	7500	3135	3135	3135	3325	3475	2195	2195	6°-12°
	D450	4500	4500	5500	6500	7000	7500	3260	3260	3260	3450	3600	2320	2320	6°-12°
	D475	4750	4500	5500	6500	7000	7500	3385	3385	3385	3575	3725	2445	2445	6°-6°
	D500	5000	4200	5200	6200	7000	7500	3510	3510	3510	3700	3850	2570	2570	6°-6°
	D550	5500	4000	5000	6000	6500	7000	3810	3810	3810	4000	4150	2870	2870	3°-6°
	D600	6000	3500	4500	5500	6000	6500	4060	4060	4060	4250	4400	3120	3120	3°-6°
3-STAGE FULL FREE MAST	T360	3600	4500	5600	6500	7000	8000	2335	2335	2335	2450	2570	1300	1290	6°-12°
	T400	4000	4500	5600	6500	7000	8000	2470	2470	2470	2575	2700	1420	1415	6°-12°
	T435	4350	4500	5600	6000	7000	8000	2585	2585	2585	2700	2820	1550	1540	6°-12°
	T480	4800	4500	5600	6000	7000	7500	2740	2740	2740	2850	2970	1700	1690	6°-6°
	T500	5000	4500	5600	6000	7000	7500	2805	2805	2805	2950	3035	1800	1790	6°-6°
	T540	5400	4000	5000	5800	6600	7000	2940	2940	2940	3075	3225	1920	1915	3°-6°
	T600	6000	3500	4500	5500	6000	6000	3140	3140	3140	3375	3425	2220	2215	3°-6°

PS: 10t Full Free 3 Stage Mast is with Side Shifter.

Fork Standard

Model	Standard(mm)	Width (mm)	Thickness (mm)	Length (mm) L1									
5t	1220x150x55	150	55	*1220	1370	1520	1670	1820	1970	2120	2270	2420	2570
6t	1220x150x60	150	60	*1220	1370	1520	1670	1820	1970	2120	2270	2420	2570
7t	1220x150x65	150	65	*1220	1370	1520	1670	1820	1970	2120	2270	2420	2570
8t	1220x170x70	170	70	*1220	1370	1520	1670	1820	1970	2120	2270	2420	2570
10t	1220x175x80	175	80	*1220	1370	1520	1670	1820	1970	2120	2270	2420	2570

Attachments for forklifts Please note that the units below are for illustration purposes only



Engine Option

OverSeas Engine
Local Engine

Brand	CHAOCHAI	YUCHAI	GM	PERKINS		CUMMINS	ISUZU
Model	6102BG6	6B125	GM4.3	1104D-44TA	1104D-E44TA	QBS4.5	6BG1
Exhausted capacity	5.785L	6.87L	4.3L	4.4L	4.4L	4.5L	6.494L
Specified power	81KW/2500rpm	92KW/2200rpm	63KW/2600rpm	83KW/2200rpm	91KW/2200rpm	82KW/2200rpm	82.4KW/2000rpm
Max.torque	353N.m/1650rpm	463N.m/1400-1700rpm	298N.m/1200rpm	392N.m/1400rpm	490N.m/1400rpm	489N.m/1500rpm	410N.m/1500rpm



Please read the operating manual closely before you drive the forklift, in order to make your operating of feeler forklift convenient and free. Feeler forklift continually renew and improve the products, thus maybe some function and models are different from the catalogues.