

1.5-3.5T Specifications

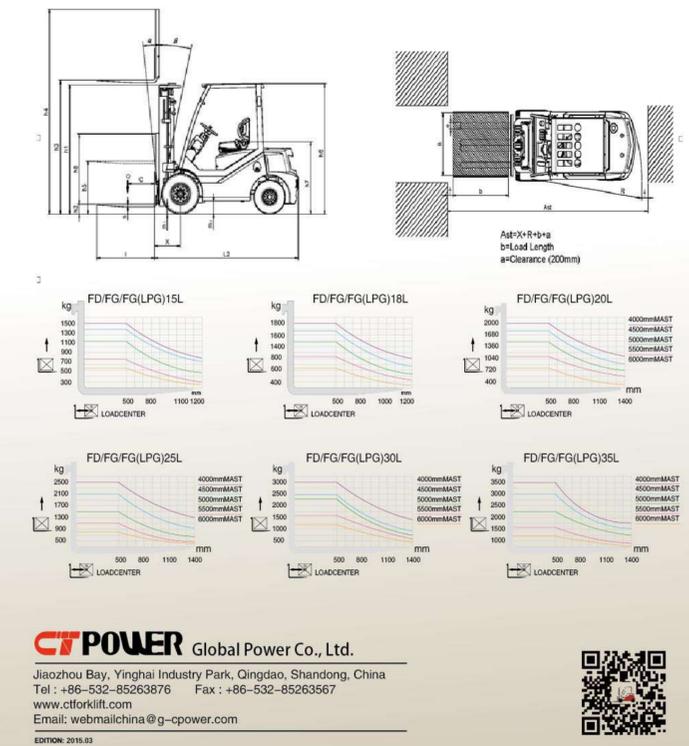
CHARACTERISTICS	CTPOWER SILVER LEOPARD 2		CTPOWER SILVER LEOPARD 2		CTPOWER SILVER LEOPARD 2		CTPOWER SILVER LEOPARD 2		CTPOWER SILVER LEOPARD 2		CTPOWER SILVER LEOPARD 2		
	FD18	FG18	FD20	FG20	FD25	FG25	FD30	FG30	FD35	FG35	FD35	FG35	
2 Series	SILVER LEOPARD 2												
3 Model	FD18 FG18 FD20 FG20 FD25 FG25 FD30 FG30 FD35 FG35												
4 Capacity	Q	Load	kg	1800	1818	2000	2000	2272.2	2272.2	2500	2500	3000	3000
5 Load center	C	Distance	mm	500	500	600	600	600	600	600	600	600	600
6 Power type	Electric, Diesel, Gasoline, LPG			Diesel	Gasoline	Diesel	Gasoline	Diesel	Gasoline	Diesel	Gasoline	Diesel	Gasoline
7 Operation type	Pedestrian, Stand., Sit			Sit	Sit	Sit	Sit	Sit	Sit	Sit	Sit	Sit	Sit
8 Tire type	P/P, S-Solids, P/Pneumatic			P/P	P/P	P/P	P/P	P/P	P/P	P/P	P/P	P/P	P/P
9 Wheel (x driver)	non-steer			20x2	20x2	20x2	20x2	20x2	20x2	20x2	20x2	20x2	20x2
10 Lift	h3	Load	mm	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
11 Lift at 2-stage mast	h2	Standard free lift	mm	150	150	150	150	150	150	150	150	150	150
12 Mast	h6	Optional free lift	mm	620	620	620	620	620	620	620	620	620	620
13 Load bracket	h8	Height of load bracket	mm	1200	1200	1200	1200	1200	1200	1200	1200	1200	1200
14 Fork size		Thickness x Width x Length	mm	33x100x1070	33x100x1070	45x100x1070	45x100x1070	45x122x1070	45x122x1070	45x122x1070	45x122x1070	45x122x1070	45x122x1070
15 Mast tilting angle		Forward (α) / Back (β)	deg	6° / 12°	6° / 12°	6° / 12°	6° / 12°	6° / 12°	6° / 12°	6° / 12°	6° / 12°	6° / 12°	6° / 12°
16 Mast		Length to face of forks	mm	2685	2685	2685	2685	2685	2685	2685	2685	2685	2685
17 Total width	B		mm	1160	1160	1160	1160	1160	1160	1160	1160	1160	1160
18 Mast height lowered	h1		mm	2075	2075	2075	2075	2075	2075	2075	2075	2075	2075
19 overall dimensions	h4	Mast height extended (w/o bracket)	mm	3180	3180	3180	3180	3180	3180	3180	3180	3180	3180
20 Mast height extended	h4		mm	4260	4260	4260	4260	4260	4260	4260	4260	4260	4260
21 Overhead guard height	h5		mm	2195	2195	2195	2195	2195	2195	2195	2195	2195	2195
22 Seat height	h7		mm	1150	1150	1150	1150	1150	1150	1150	1150	1150	1150
23 Fork carriage width	h3		mm	920	920	920	920	920	920	920	920	920	920
24 Turning radius	R	From center of front axle	mm	2330	2330	2330	2330	2330	2330	2330	2330	2330	2330
25 Load distance	X		mm	2480	2480	2480	2480	2480	2480	2480	2480	2480	2480
26 Axle width	Act	For load 800 x 1200/1000x1200	mm	3540/3140	3540/3140	3540/3140	3540/3140	3540/3140	3540/3140	3540/3140	3540/3140	3540/3140	3540/3140
27	travel speed	with load	km/h	16	16	17	17	17	17	17.1	17	16	16
28	without load		km/h	17	17	18	18	18	18	18	18	18	18
29	Lift speed	with load	mm/s	578	550	510	500	500	500	500	500	500	500
30	without load		mm/s	714	540	600	625	540	682	650	484	510	510
31	Lowering speed	with load	mm/s	470	470	470	484	484	484	484	484	484	484
32	without load		mm/s	440	440	440	488	488	488	488	488	488	488
33	Drawbar pull	with load	N	14500	14500	14300	14600	14900	17100	14900	14600	14100	14100
34	without load		N	9600	9600	9500	11700	11700	13100	11700	11700	13200	13200
35	Gradeability	with load	%	26	26	26	23	23	23	23	23	22	21
36	without load		%	23	20	20	20	19.5	19.5	20	20	19.5	18
37	Service weight	with load	kg	3200	3200	3120	3068	3068	3068	3068	3068	3068	3068
38	without load		kg	4300	4300	4210	4388	4388	4388	4388	4388	4388	4388
39	Axle loading	front	kg	700	700	710	690	690	690	690	690	690	690
40	rear	kg	1920	1920	1930	2140	2140	2140	2100	2100	2100	2100	2100
41	Tire size	front		22	22	22	22	22	22	22	22	22	22
42	rear			6.00-12-10PR	6.00-12-12PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR	6.00-9-10PR
43	Wheelbase	Y	mm	1650	1650	1650	1650	1650	1650	1650	1650	1650	1650
44	Tread	Center of tires front	mm	970	970	970	970	970	970	970	970	970	970
45	Center of tires rear		mm	985	985	985	985	985	985	985	985	985	985
46	Ground clearance	m1 at lowest point	mm	110	110	110	110	110	110	110	110	110	110
47	m2	center of wheelbase	mm	195	195	195	195	195	195	195	195	195	195
48	Service brake	operation/control		Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic	Hydraulic
49	Parking brake	voltage		12	12	12	12	12	12	12	12	12	12
50	capacity			65	65	65	65	65	65	65	65	65	65
51	Dimension	mm		260Lx173Wx225H	260Lx173Wx225H	260Lx173Wx225H	260Lx173Wx225H	260Lx173Wx225H	260Lx173Wx225H	260Lx173Wx225H	260Lx173Wx225H	260Lx173Wx225H	260Lx173Wx225H
52	Weight	kg		17.4	22.6	17.4	22.6	17.4	22.6	17.4	22.6	17.4	22.6
53	Manufacturer			Yanmar	Isuzu	Nissan	Yanmar	Isuzu	Nissan	Yanmar	Isuzu	Nissan	Yanmar
54	Model			4TNE-92	C240PKF-23	K21	4TNE-92	C240PKF-23	K21	4TNE-92	C240PKF-23	K21	4TNE-92
55	Engine	Speed	rpm	2775	2750	3000	2775	2750	2775	2690	3000	2775	2690
56	Output	kw		33.4	34.3	32	33.4	34.3	32	33.4	34.3	32	33.4
57	cyinders no./displacement	no./cc		4/2659	4/2369	4/2065	4/2659	4/2369	4/2065	4/2659	4/2065	4/2369	4/2065
58	Transmission	type		powershift	powershift	powershift	powershift	powershift	powershift	powershift	powershift	powershift	powershift
59	stage Ford/Rev.	no.		1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1
60	Noise level	db		93	92	93	90	93	94	90	93	94	90
61	Fuel consumption	g/hp.h		285/2000	292/2500	288/2250	265/2000	292/2500	289/2000	285/2300	288/2250	269/2000	185/2000

* Specifications subject to change without notice. CT Power is a trademark of Global Power Co., Ltd., a subsidiary of Talift.



I.C Forklift Trucks

1.5-3.5 Ton



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DIAMOND CUT SIDE LINE DESIGN



Appearance & operation

Diamond-shape engine hood & counter weight design makes the appearance rather fashionable. The forklift absorbs some elements of a leopard. It functions sweetly, accurately, dynamically & efficiently.



- A Left Turning Indication (Green)
- B Forward Indication (Green)
- C Oil-water Separation (Red)
- D Optional Air Filter Alarm (Red)
- E Engine Oil Pressure Alarm (Red)
- F High Beam Indication (Blue)
- G Preheat Indication (Blue)
- H Charge Indication (Red)
- I Water Temperature Alarm (Red)
- J Backward Indication (Green)
- K Right Turning Indication (Green)
- L Low Oil Level Alarm (Yellow)
- M Oil Gauge (Pointer Indication)
- N Hour Meter (LCD Digital Display)



Ergonomic comfort

Perfect shape & position of manual gear lever facilitate the driver's operation. Independent dual rear lights together with warning light are easy to recognize & maintain.



Smaller steering wheel
 Smaller steering wheel (reduced from 350mm to 300mm in diameter) facilitates turning and decreases operator fatigue. With new steering valve and rear axle design, the new steering wheel force is reduced from 0.9-1.1KG to 0.5-0.7KG, thus reducing the load on arms and shoulders. The steering column has adjustable angles to allow the operator to achieve desired operating position.

New-type Rear Axle

Near rear axle design increases turning angle from 75 to 85 degrees and reduce turning radius.



New Wide-view Mast

New wide-view mast use Dual Free Lift design/ repositioned Rollers to the back / hidden pipe / new carriage to reach the optimum vision and loading capacity, together with new lower dashboard, increases operator's vision and safety. Now the new 2 stage and 3 stage masts offer up to maximum 6m height.

Optimum heat dissipation space

Large space heat dissipation design keeps the temperature in an appropriate range during constant & fierce operation. Also, the heat dissipation space of the radiator is 40% larger than that of some types of forklift. Moreover, the radiator is easy to maintain.



High-performance imported Engine

industrial grade, high performance, low fuel consumption environment-friendly Japanese engines

	1800-2000kg	2500-3500kg
Diesel Engine	ISUZU C240 YANMAR 4TNE92	ISUZU 4JG2 YANMAR 4TNE98
Gasoline Engine	NISSAN K21	NISSAN K25



Human designed cabin
 Graceful & humanized pedal system and closed front blind flange protect the parts from being eroded by rain water.



Integrated Lighting System
 Unibody lighting system combines head light and turn signal together. It provides excellent direction indication function as well as gracefulness.



Large Fuse Box for Easy Maintenance
 Large fuse box offers organized arrangement and reduce maintenance time



Large Opening Angle
 Increases hood opening angle to 80° to facilitate maintenance
 New design with a simple pull lever to open the engine hood with ease.



Isolated Upper Frame
 Isolated upper frame from the truck body greatly reduces vibrations from engine and improve operator comfort.