

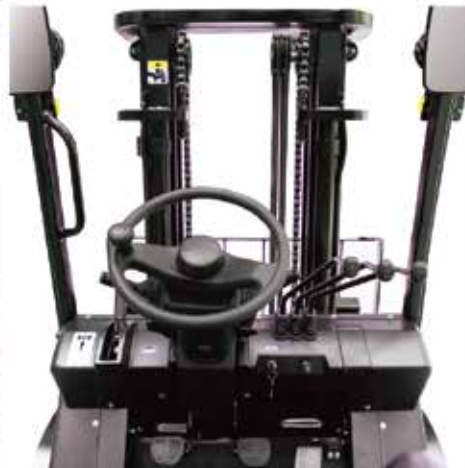


## **Engine Forklift 1.5 - 3.5**

**1500 - 3500 kg / up to 6000 mm**

- *Excellence Performances  
& Reliability*





## 1.5 - 1.8T FORKLIFT SPECIFICATION

General	1	Model	Diesel Fork Lift 1.5		Gasoline Fork Lift 1.5		Diesel Fork Lift 1.8		Gasoline Fork Lift 1.8			
	2	Product Code	GTFD4D1530-M8		GTGF4D1530-N8		GTFD4D1830-M8		GTGF4D1830-N8			
Characteristics & Dimensions	3	Power type	Diesel		Gasoline		Diesel		Gasoline			
	4	Rated capacity	Kg		1500		1500		1800			
	5	Load center	mm		500		500		500			
	6	Lift height	mm		3000		3000		3000			
	7	Free lift height	mm		120		120		120			
	8	Fork size	mm		920×100×35		920×100×35		920×100×35			
	9	Mast tilt range	F/R		deg		6\12		6\12			
	10	Fork overhang (wheel center to fork face)	mm		420		420		420			
	11	Rear overhang	mm		420		420		420			
	12	Overall dimensions	Length to face of fork		mm		2230		2230		2230	
	13		Overall width		mm		1080		1080		1080	
	14		Mast lowered height		mm		1995		1995		1995	
	15		Mast extended height		mm		3960		3960		3960	
	16	Overhead guard height		mm		2070		2070		2070		
	17	Turning radius (outside)		mm		1995		1995		1995		
	18	Min. right angle stacking aisle with (Add load length and clearance)		mm		2400		2400		2400		
	Performance	19	Speed	Travel (No load)		Km/h		14		14		
		20		Lifting (Full load)		mm/sec		460		460		
21		Lowering (Full load)		mm/sec		450		450				
22		Max. Drawbar Pull (Full load)		N		20500(17500)		20500(17500)		20500(17500)		
23		Max. Gradeability (Full load)		%		20		20		20		
Chassis	24	Tyres	Front		mm		6.50-10-10PR		6.50-10-10PR			
	25		Rear		mm		5.00-8-10PR		5.00-8-10PR			
	26	Tread	Front		mm		920		920			
	27		Rear		mm		920		920			
	28	Wheelbase		mm		1430		1430		1430		
	29	Ground clearance	Lowest		mm		110		110			
30	Wheelbase center		mm		145		145					
Weight	31	Self weight		Kg		2700		2700		2700		
	32	Weight Distribution	Full load		Front		3570		3570			
	33		Rear		630		630					
	34		No load		Front		1215		1215			
	35	Rear		1485		1485						
Power & transmission	36	Battery	Voltage/Capacity(20HR)		V/AH		12/60		12/60			
	37	Engine	Model		S4Q2		K21		S4Q2			
	38		Manufacture		Mitsubishi		Nissan		Mitsubishi			
	39		Rated output/r.p.m		kw		32.9/2500		31.2/2250			
	40		Rated torque/r.p.m		N.m		135/2000		143.7/1600			
	41		No. of cylinder		4		4		4			
	42		Bore×Stroke		mm		88×103		89×83			
	43		Displacement		cc		2505		2065			
	44		Fuel tank capacity		L		50		50			
	45	Transmissions	Manufacture		OEM		OEM		OEM			
	46		Type		Powershift (Manual)		Powershift (Manual)		Powershift (Manual)			
	47		Stage		FWD/RVS		1/1(2/2)		1/1(2/2)			
48	Operating pressure		Mpa		17.5		17.5					

## 1.5 - 1.8 TON Mast Table

Type	Max fork height	Overall height				Free lift		Front Overhang		Tilt Range		Capacity			
		Lowered	Extended		Without backrest	With backrest	Without backrest		FWD	BWD	Load capacity at 500 mm.				
			Without backrest	With backrest			1.5 t				1.8 t				
		mm	mm	mm	mm	mm	mm	mm	mm	Deg	Deg	kg	kg	kg	kg
Wide View Mast	2000	1495	2585	2955	120	120	420	420	6	12	1500	1800	1500	1800	
	2500	1745	3085	3455	120	120	420	420	6	12	1500	1800	1500	1800	
	2700	1845	3285	3655	120	120	420	420	6	12	1500	1800	1500	1800	
	3000	1995	3585	3955	120	120	420	420	6	12	1500	1800	1500	1800	
	3300	2145	3885	4255	120	120	420	420	6	12	1500	1800	1500	1800	
	3500	2245	4085	4455	120	120	420	420	6	12	1500	1800	1500	1800	
	3600	2295	4185	4555	120	120	420	420	6	12	1500	1800	1500	1800	
	4000	2544	4585	4955	120	120	420	420	6	12	1400	1700	1500	1800	
	4300	2695	4885	5255	120	120	420	420	6	6	1300	1600	1400	1700	
	4500	2795	5085	5455	120	120	420	420	6	6	1250	1500	1350	1600	
Wide View Full 2-stage mast	2500	1790	3105	3455	1045	765	420	420	6	12	1500	1800	1500	1800	
	2700	1890	3305	3655	1145	865	420	420	6	12	1500	1800	1500	1800	
	3000	2040	3605	3955	1345	1105	420	420	6	12	1500	1800	1500	1800	
	3300	2190	3905	4255	1495	1165	420	420	6	12	1500	1800	1500	1800	
	3600	2340	4205	4555	1645	1315	420	420	6	12	1500	1800	1500	1800	
Wide View Full 3-stage mast	4000	2540	4605	4955	1815	1565	420	420	6	12	1400	1700	1500	1800	
	4300	1965	5070	5255	1425	1080	440	440	6	6	1250	1500	1350	1600	
	4500	2045	5130	5465	1485	1140	440	440	6	6	1200	1400	1300	1500	
	4800	2160	5445	5755	1575	1230	440	440	6	6	1100	1300	1200	1400	
	5000	2210	5605	5955	1665	1320	440	440	6	6	1050	1200	1150	1300	
	5500	2375	6120	6455	1825	1480	440	440	3	6	/	/	950	1100	
6000	2600	6695	6955	1975	1630	440	440	3	6	/	/	750	900		

Note: With sideshifter minus 150Kg, with integral sideshifter minus 100Kg.

## 2.0 - 2.5T FORKLIFT SPECIFICATION

General	1	Model	Diesel Fork Lift 2.0		Gasoline Fork Lift 2.0		Diesel Fork Lift 2.5		Gasoline Fork Lift 2.5			
	2	Product Code	GTFDF4D2030-M8		GTGF4D2030-N8		GTFDF4D2530-M8		GTGF4D2530-N8			
Characteristics & Dimensions	3	Power type	Diesel		Gasoline		Diesel		Gasoline			
	4	Rated capacity	Kg		2000		2500		2500			
	5	Load center	mm		500		500		500			
	6	Lift height	mm		3000		3000		3000			
	7	Free lift height	mm		120		120		120			
	8	Fork size	mm		1070×120×40		1070×120×40		1070×120×40			
	9	Mast tilt range	F/R		deg		6\12		6\12			
	10	Fork overhang (wheel center to fork face)	mm		476		476		476			
	11	Rear overhang	mm		485		485		550			
	12	Overall dimensions	Length to face of fork		mm		2610		2660		2660	
	13		Overall width		mm		1150		1150		1150	
	14		Mast lowered height		mm		1995		1995		1995	
	15		Mast extended height		mm		4200		4200		4200	
	16	Overhead guard height		mm		2130		2130		2130		
	17	Turning radius (outside)		mm		2170		2170		2230		
	18	Min. right angle stacking aisle with (Add load length and clearance)		mm		2680		2680		2740		
	Performance	19	Speed	Travel (No load)		Km/h		20		20		
		20		Lifting (Full load)		mm/sec		450		450		
21		Lowering (Full load)		mm/sec		450		450				
22		Max. Drawbar Pull (Full load)		N		17500		17500		17500		
23		Max. Gradeability (Full load)		%		20		20		20		
Chassis	24	Tyres	Front		mm		7.00-12-12PR		7.00-12-12PR			
	25		Rear		mm		6.00-9-10PR		6.00-9-10PR			
	26	Tread	Front		mm		970		970			
	27		Rear		mm		970		970			
	28	Wheelbase		mm		1600		1600		1600		
	29	Ground clearance	Lowest		mm		120		120			
30	Wheelbase center		mm		145		145					
Weight	31	Self weight		Kg		3580		3920		3920		
	32	Weight Distribution	Full load		Front		4856		4856		5588	
	33		Rear		mm		724		724		832	
	34		No load		Front		1428		1428		1560	
	35	Rear		mm		2152		2152		2360		
Power & transmission	36	Battery	Voltage/Capacity(20HR)		V/AH		12/60		12/60		12/60	
	37	Engine	Model		S4S-DPC		K21		S4S-DPC		K21	
	38		Manufacture		Mitsubishi		Nissan		Mitsubishi		Nissan	
	39		Rated output/r.p.m		kw		34.4/2250		31.2/2250		34.4/2250	
	40		Rated torque/r.p.m		N.m		165/1700		143.7/1600		165/1700	
	41		No. of cylinder		mm		4		4		4	
	42		Bore×Stroke		mm		94×120		89×83		94×120	
	43		Displacement		cc		3331		2065		3331	
	44		Fuel tank capacity		L		60		60		60	
	45	Transmissions	Manufacture		OEM		OEM		OEM		OEM	
	46		Type		Powershift (Manual)		Powershift (Manual)		Powershift (Manual)		Powershift (Manual)	
	47		Stage		FWD/RVS		1/1(2/2)		1/1(2/2)		1/1(2/2)	
48	Operating pressure		For attachments		Mpa		17.5		17.5			

## 2.0 - 2.5 TON Mast Table

Type	Max fork height	Overall height				Free lift		Front Overhang				Tilt Range		Capacity			
		Lowered	Extended		Without backrest	With backrest	Without backrest		2.0 t	2.5 t	FWD	BWD	Load capacity at 500 mm.				
			Without backrest	With backrest			Single tire						Double tire				
							2.0 t	2.5 t					2.0 t	2.5 t			
Wide View Mast	2000	1585	2740	3420	120	120	476	476	6	12	2000	2500	2000	2500			
	2500	1725	3040	3720	120	120	476	476	6	12	2000	2500	2000	2500			
	2700	1825	3240	3920	120	120	476	476	6	12	2000	2500	2000	2500			
	3000	1995	3540	4220	120	120	476	476	6	12	2000	2500	2000	2500			
	3300	2145	3690	4370	120	120	476	476	6	12	2000	2500	2000	2500			
	3500	2245	3890	4570	120	120	476	476	6	12	2000	2500	2000	2500			
	3600	2295	3990	4670	120	120	476	476	6	12	2000	2500	2000	2500			
	4000	2495	4040	4720	120	120	476	476	6	12	1900	2300	2000	2500			
	4300	2645	4340	5020	120	120	476	476	6	6	1800	2100	1950	2450			
4500	2745	4290	4970	120	120	476	476	6	6	1700	2000	1900	2400				
Wide View Full 2-stage mast	2500	1800	2090	2770	1210	560	476	476	6	12	2000	2500	2000	2500			
	2700	1900	2290	2970	1310	660	476	476	6	12	2000	2500	2000	2500			
	3000	2050	2590	3270	1460	810	476	476	6	12	2000	2500	2000	2500			
	3300	2200	3840	4520	1610	960	476	476	6	12	2000	2500	2000	2500			
	3600	2350	4140	4820	1760	1110	476	476	6	12	2000	2500	2000	2500			
	4000	2550	4540	5220	2060	1410	476	476	6	12	1900	2300	2000	2500			
Wide View Full 3-stage mast	4300	1970	4240	4880	1360	730	490	490	6	6	1700	2000	1900	2400			
	4500	2050	5720	5040	1460	810	490	490	6	6	1600	1900	1800	2300			
	4800	2095	6020	5345	1565	915	490	490	6	6	1500	1700	1700	2100			
	5000	2240	6220	5540	1610	960	490	490	6	6	1400	1600	1600	2000			
	5500	2320	6800	6120	1770	1120	490	490	3	6	1050	1200	1500	1800			
	6000	2740	7220	6540	2020	1370	490	490	3	6	700	800	1400	1600			

Note: With sideshifter minus 150kg, with integral sideshifter minus 100kg.

### 3.0 - 3.5T FORKLIFT SPECIFICATION

General	1	Model	Diesel Fork Lift 3.0		Gasoline Fork Lift 3.0		Diesel Fork Lift 3.5		Gasoline Fork Lift 3.5			
	2	Product Code	GTFD4D3030-M8		GTGF4D3030-N8		GTFD4D3530-M8		GTGF4D3530-N8			
Characteristics & Dimensions	3	Power type	Diesel		Gasoline		Diesel		Gasoline			
	4	Rated capacity	Kg		3000		3500		3500			
	5	Load center	mm		500		500		500			
	6	Lift height	mm		3000		3000		3000			
	7	Free lift height	mm		120		120		120			
	8	Fork size	mm		1070×125×45		1070×125×45		1070×125×50			
	9	Mast tilt range	F/R		deg		6\12		6\12			
	10	Fork overhang (wheel center to fork face)	mm		481		486		486			
	11	Rear overhang	mm		590		590		590			
	12	Overall dimensions	Length to face of fork		mm		2762		2822		2822	
	13		Overall width		mm		1200		1200		1200	
	14		Mast lowered height		mm		2005		2005		2005	
	15		Mast extended height		mm		4210		4210		4210	
	16		Overhead guard height		mm		2180		2180		2180	
	17	Turning radius (outside)		mm		2450		2450		2510		
	18	Min.right angle stacking aisle with (Add load length and clearance)		mm		2950		2950		3010		
	Performance	19	Speed	Travel (No load)		Km/h		20		20		
		20		Lifting (Full load)		mm/sec		400		400		
21		Lowering (Full load)		mm/sec		400		400				
22		Max.Drawbar Pull (Full load)		N		21000		21500		21500		
23		Max.Gradeability (Full load)		%		20		20		20		
Chassis	24	Tyres	Front		mm		28×9-15-12PR		28×9-15-12PR			
	25		Rear		mm		6.50-10-10PR		6.50-10-10PR			
	26	Tread	Front		mm		1010		1010			
	27		Rear		mm		980		980			
	28	Wheelbase		mm		1700		1700		1760		
	29	Ground clearance	Lowest		mm		140		140			
	30		Wheelbase center		mm		175		175			
Weight	31	Self weight		Kg		4450		4700		4700		
	32	Weight Distribution	Full load		Front		6488		7134		7134	
	33		Rear		962		1066		1066			
	34		No load		Front		1810		1927		1927	
	35	Rear		2640		2640		2773		2773		
Power & transmission	36	Battery	Voltage/Capacity(20HR)		V/AH		12/60		12/60		12/60	
	37	Engine	Model		S4S-DPC		K25		S4S-DPC		K25	
	38		Manufacture		Mitsubishi		Nissan		Mitsubishi		Nissan	
	39		Rated output/r.p.m		kw		34.4/2250		37.4/2300		37.4/2300	
	40		Rated torque/r.p.m		N.m		165/1700		176.5/1600		165/1700	
	41		No.of cylinder		4		4		4		4	
	42		Bore×Stroke		mm		94×120		89×100		94×120	
	43		Displacement		cc		3331		2488		3331	
	44		Fuel tank capacity		L		70		75		75	
	45	Transmissions	Manufacture		OEM		OEM		OEM		OEM	
	46		Type		Powershift		Powershift		Powershift		Powershift	
	47		Stage		FWD/RVS		1/1(2/2)		1/1(2/2)		1/1(2/2)	
48	Operating pressure		For attachments		Mpa		17.5		17.5		17.5	

### 3.0 - 3.5 TON Mast Table

Type	Max.fork height	Overall height				Free lift		Front Overhang		Tilt Range		Capacity			
		Lowered	Extended		Without backrest	With backrest	Without backrest		FWD	BWD	Load capacity at 500 mm.				
			Without backrest	With backrest			3.0 t				3.5 t				
							Single tire	Double tire			3.0 t	3.5 t			
Wide View Mast	2000	1520	2570	3250	120	120	481	486	6	12	3000	3500	3000	3500	
	2500	1770	3070	3750	120	120	481	486	6	12	3000	3500	3000	3500	
	2700	1875	3270	3950	120	120	481	486	6	12	3000	3500	3000	3500	
	3000	2025	3570	4250	120	120	481	486	6	12	3000	3500	3000	3500	
	3300	2145	3690	4370	120	120	481	486	6	12	3000	3500	3000	3500	
	3500	2245	3890	4570	120	120	481	486	6	12	3000	3500	3000	3500	
	3600	2295	3990	4670	120	120	481	486	6	12	3000	3500	3000	3500	
	4000	2495	4040	4720	120	120	481	486	6	12	2850	3250	3000	3500	
	4300	2645	4340	5020	120	120	481	486	6	6	2700	3000	2900	3400	
	4500	2745	4290	4970	120	120	481	486	6	6	2550	2850	2850	3350	
Wide View Full 2-stage mast	2500	1830	2220	2900	1210	560	481	486	6	12	3000	3500	3000	3500	
	2700	1930	2320	3000	1310	660	481	486	6	12	3000	3500	3000	3500	
	3000	2080	2620	3300	1460	810	481	486	6	12	3000	3500	3000	3500	
	3300	2230	3870	4550	1610	960	481	486	6	12	3000	3500	3000	3500	
	3600	2380	4020	4700	1760	1110	481	486	6	12	3000	3500	3000	3500	
Wide View Full 3-stage mast	4000	2580	4420	5100	2060	1410	481	486	6	12	2850	3250	3000	3500	
	4300	2000	5570	4910	1360	730	495	500	6	6	2550	2850	2850	3350	
	4500	2080	5750	5070	1460	810	495	500	6	6	2400	2700	2700	3200	
	4800	2125	6050	5375	1565	915	495	500	6	6	2250	2450	2550	2950	
	5000	2270	6250	5570	1610	960	495	500	6	6	1650	2300	2250	2800	
	5500	2350	6830	6150	1770	1120	495	500	3	6	1800	1800	2250	2550	
6000	2770	7250	6570	2020	1370	495	500	3	6	1200	1300	2100	2300		

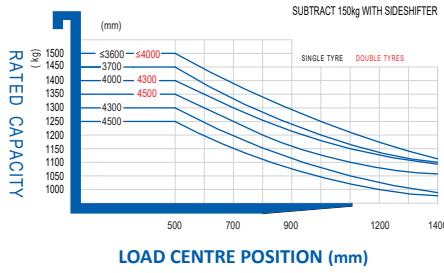
Note:With sideshifter minus 200Kg, with integral sideshifter minus 150Kg.



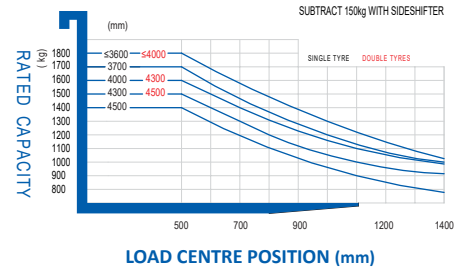
## FORKLIFT 1.5 - 3.5t OPTION

Options	1.5 - 3.5t
Other dimension forks	•
fork extension	•
Okamura Transmission	•
LPG system	•
High-mounted exhaust system	•
Middle-mounted exhaust system	•
Dual air cleaner or special air cleaner	•
Solid tyre	•
Non-mark tyre	•
Fork weighing system	•
Special overhead guard height	•
Different lifting height masts	•
PVC shed	•
Side shifter	•
Other attachment	•
Cabin	•
Heater	•
Fan	•
Front window with wiper	•
Rear window with wiper	•
Cabin without side doors	•
Fire extinguisher	•
Full suspension seat	•
Dual drive wheel with fender	•
Rear working light	•
OPS system	•
Special carriage and backrest	•

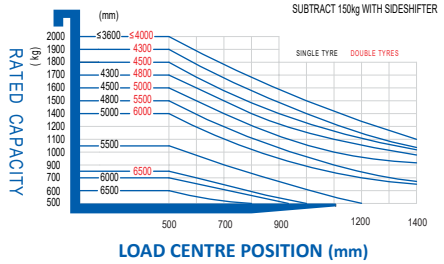
### 1500KG



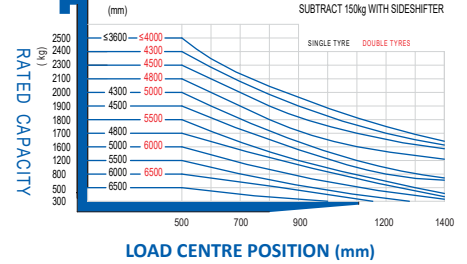
### 1800KG



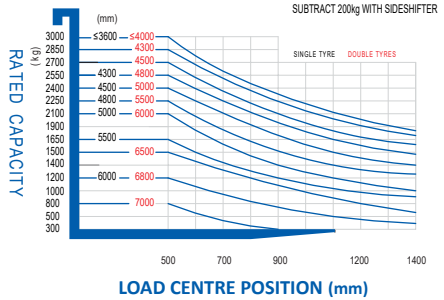
### 2000KG



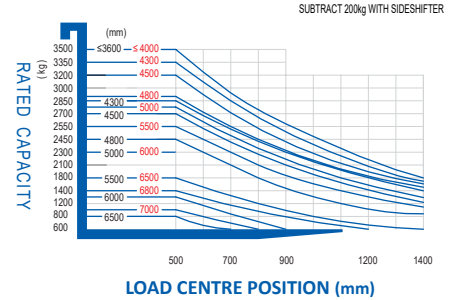
### 2500KG



### 3000KG



### 3500KG



## Value Added Service

- Professional, responsive and experienced service team
- Free preventive maintenance program for the first year
- Training seminars for operators to enhance product safety and efficiency
- Product fine tuning, customization and modification
- Over 2000 varieties of spare parts in available stock
- Assistance in reducing maintenance costs while enhancing productivity



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