

**New power with features of saving energy, low-vibration and noise**

The per-heat function of the diesel engine (ISUZU C240PKG.YANMAR 4TNE98. MITSUBISHI S4S) and the automatic ventilation of the gasoline engine series ( MITSUBISHI 4G64. NISSAN K21, NISSAN K25) can shorten the starting time and increase the working efficiency.



**The automatic transmission**

The automatic transmission, developed by SINOLIFT itself, let you change gear and accelerate easily even at the operation. in addition, the precise inching valve, not only letting you move slowly forwards at full speed operation, at the same time when you are operating, the hydraulic servo system, to save the working time.



**New design of steering wheel**

The diameter is reduced from 360mm to 300mm to minimize fatigue and maximize efficiency.



**Multi-functional digital dashboard**

The digital display is reliable, accurate and easy to read.



**Multi-functional Switch**

Multi-functional light switch with automatic retract function. Electric direction change lever, conveniently and ergonomically placed for effortless forward and reverse selection.



**Large handrail**

A large entry grip supports safe and easy access for the operator.



**Premium cooling system**

The aluminum radiator with tube lines provides increased cooling. it reduces the water temperature by 6-8°C compared with traditional cooling systems. The redesigned counterweight and cooling system assists in improving longevity of engines.



**Robust modular plastic**

Modular plastic cover for improved maintenance access.

**Standard Equipment**

- Wide view mast
- Load backrest
- ISO class II carriage
- Fork
- Long life tires
- Power steering
- Retaining rollers
- Overhead guard
- Suspension seat
- Drawbar pin
- Cyclopack air cleaner
- Toggle type parking brake lever
- Column shift direction lever
- Lift and tilt levers
- 3-Spool hydraulic valve
- Dipstick for converter oil
- Dipstick for hydraulic oil
- Return hydraulic filter
- Convenor oil filter
- Load check valve
- Lift circuit cut-off valve
- Lift lock valve
- Halogen head lights
- Rear view mirrors
- Back-up lamp
- Warning lamp
- Electric horn
- Neutral safety switch
- Deluxe floor mat
- Cylinder type bonnet stay
- Overhead air intake
- Radiator reservoir
- Tilt adjustable steering post
- Asbestos free brake
- Turn signal lights
- Lamp guard
- Full transistorized ignition (FTI)
- Full hydrostatic power steering
- Hour meter
- Water temperature meter
- Fuel meter
- Engine oil pressure warning indicator
- Charge indicator
- Glow indicator
- Hand grip
- Operator tool kit
- Back up buzzer



**Forklift Attachments**



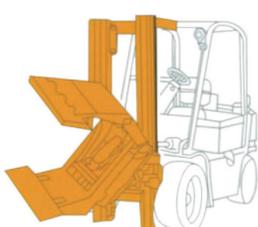
■ Side shift Fork



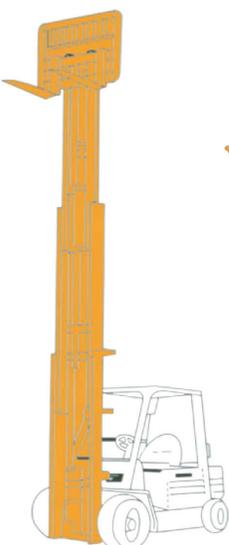
■ Circumrotatory Fork



■ Hinged bucket



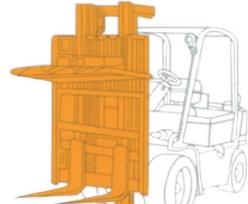
■ Paper Roll Clamps



■ Three Stage Free Lift Mast



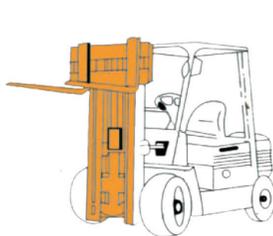
■ Hinged Fork



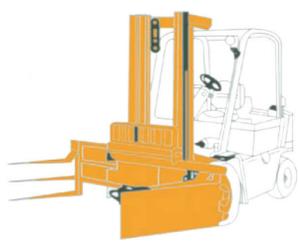
■ Load Stabilizer



■ Push/Pulls



■ Two Stage Free Lift Mast



■ Multi-use Horizontal Clamps



**Optional Equipment and Accessories**

- Front dual wheels and fender extension
- Solid tires
- Dual tires
- Heater for steel cabin
- Color tire (white,green)
- Power clutch
- Oil
- Power brake
- Torque convenor oil temperature meter
- Smoke reduction/spark arrester muffler
- Fire extinguisher
- Tilt cylinder boot
- Standard LPG tank
- Rear working light
- Custom color paint
- Auxiliary piping
- Auxiliary hydraulic valve modules
- Non-slip differential
- Overhead exhaust
- Dipstick for hydraulic oil
- All weather steel cabin

**Fork Data Sheet**

Standard Equipment L x W x T mm	Width W mm	Thickness T mm	Length L mm										Suitable Forklift			
			770	*920	1070	1220	1370	1520	1670	1820	1970	2120		2270	2420	2570
920x100x35	100	35	770	*920	1070	1220	1370	1520	1670	1820	1970	2120	2270	2420	2570	1.0T
920x100x35	100	35	770	*920	1070	1220	1370	1520	1670	1820	1970	2120	2270	2420	2570	1.5T
1070x125x40	125	40	770	920	*1070	1220	1370	1520	1670	1820	1970	2120	2270	2420	2570	2.0T
1070x125x40	125	40	770	920	*1070	1220	1370	1520	1670	1820	1970	2120	2270	2420	2570	2.5T
1070x125x45	125	45	770	920	*1070	1220	1370	1520	1670	1820	1970	2120	2270	2420	2570	3.0T
1070x125x45	125	45	770	920	*1070	1220	1370	1520	1670	1820	1970	2120	2270	2420	2570	3.5T
1070x150x55	150	55	770	920	*1070	1220	1370	1520	1670	1820	1970	2120	2270	2420	2570	4.0T
1070x150x55	150	55	770	920	*1070	1220	1370	1520	1670	1820	1970	2120	2270	2420	2570	4.5T
1220x150x55	150	55	770	920	1070	*1220	1370	1520	1670	1820	1970	2120	2270	2420	2570	5.0T
1220x150x60	150	60	770	920	1070	*1220	1370	1520	1670	1820	1970	2120	2270	2420	2570	6.0T
1220x150x65	150	65	770	920	1070	*1220	1370	1520	1670	1820	1970	2120	2270	2420	2570	7.0T
1220x170x70	170	70	770	920	1070	*1220	1370	1520	1670	1820	1970	2120	2270	2420	2570	8.0T
1220x175x80	175	80	770	920	1070	*1220	1370	1520	1670	1820	1970	2120	2270	2420	2570	10T

Specifications and design are subject to change without prior notice. Machines shown may include optional equipment.



- Rated capacity: 1.5T/1.8T/2.0T/2.5T/3.0T/3.5T.
- Redesigned counterweight and cooling system assists in improving longevity of engines.
- Shock absorbing rubber mounted steering axle provides improved operator comfort and steering control.
- Foot operated park brake offering easy and safe engagement.
- Electric direction change lever, conveniently and ergonomically placed for effortless forward and reverse selection.



**SINOLIFT MATERIAL HANDLING EQUIPMENT CORP.**

ADD: 2477 Dachuan Road, Nanhui Industry Park, Shanghai, China 201399

TEL: +86 21 68014500 / +86 21 58003681

FAX: +86 21 68014262 / +86 21 68038190

EMAIL: [info@sinolift.com](mailto:info@sinolift.com)

WEB: [www.sinolift.com](http://www.sinolift.com) [www.sinoliftforklift.com](http://www.sinoliftforklift.com)



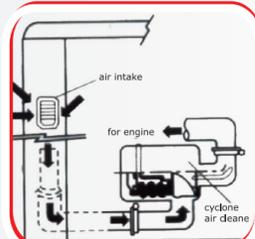


**G Series Internal Combustion Balance Weight Forklift**

- The G series are built to international standards, and to boost your productivity, Consider this, The Drive train is powered by an indigenous, powerful engine that is environment friendly. And an indigenous powershift automatic torque converter transmission with soft touch electric gear shift and inching control for precise load and truck movements. With travel speeds of up to 20km/h and lift/lower speeds of 0.5m/sec; with gradeability of up to 20%, few forklifts can match the G series in performance. You also have lifting height options up to 6 meters and a range of fitments and attachments such as clamps for paper reels, drums, bales, etc.
- With its unsurpassed travel speed, you can service more stations faster. The lifting and lowering speeds are faster. The small turning radius ensure that you move between aisles faster. Your operations can work smarter as there is better visibility and comfort at all times. And with cycle times reduced you will see how the G series can do wonders to your productivity.
- Of all the features in the G series, comfort comes first. No other vehicle offers your operator more comfort. Check this out. An isolated operator's cell with adjustable steering wheel and operator's seat, and a seat belt for safety. Spacious leg room. Soft touch accelerator and brake pedal for fatigue free operation. Cowl mounted angled hydraulic control levers so that the operator does not have to 'reach out'. A solenoid switch shuts off engine effortlessly. Feather touch power steering that makes maneuvering a pleasure. And an adjustable steering where the tilt can be adjusted to suit the operator.
- An operator cell placed on rubber mounts absorbs engine vibration. Special insulation under the engine hood and foam beading work together to keep out the heat and sound. All of which ensures that your operator gives you twice as much for half the effort.
- Safety is another features that you can take for granted with the G series. It has a neutral start switch that prevents the vehicles from starting in gear. The brake fluid levels can be monitored by the operator at all times. And it also comes with load lowering control valve and hose burst valve that takes care of any emergencies. G series also include LPG fueled trucks where emissions are only what you get in the kitchen. The G series engines conform to US EPA Tire II and EURO II norms.
- The truck has minimal emission, noise and vibrations. Which in fact conforms to the SINOLIFT philosophy of technology that is not just user-friendly but also eco-friendly.
- The G series has been designed to ensure minimum servicing. A coolant based system helps you fill it and forget it. An easy-to-see container helps you monitor the brake fluid. And a unique testing facility helps you check the functioning of the LED indicators on the dashboard panel. Besides, the single piece engine hood is equipped with a gas spring for easy service access. The presence of a lateral power steering reduces the number of moving parts. The sub-assemblies are accessible and weld laid out. All of which means that with the G series you are assured of maximum uptime.

**Features: Ergonomics, Comfort & Aesthetics**

- Isolated operator cell with rubber mounts, rubber lining & heat resistant insulation minimize engine heat, vibration and sound.
- Option of adjustable steering wheel.
- Comfortable drivers' seat, spacious leg room, soft touch accelerator and brake pedal.
- Easy to use and highly informative dashboard display panel. Unique testing facility to check functioning of LED indicator.



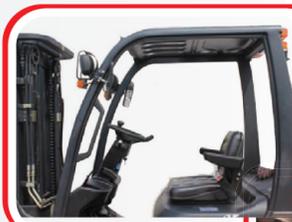
**The Large Intake Area of Air Intake System**

The snorkel air intake is situated on one of the pillars for the overhead guard, which is far from the dust being created by the wheels. It breathes in the clean air and reduces the noise.



**Comfortable and Spacious Operator's Room**

The operator is able to work with increased safety and accuracy due to a wider view mast. Steering wheel can be adjusted by a lever on the righthand side for the most comfortable operator position.



**Wide-Open Operation Space**

The area between the foot pedals and the body below the seat is open and free of obstructions that hamper entering and exiting the forklift from both sides.



**Advanced Suspension Brake Equipment**

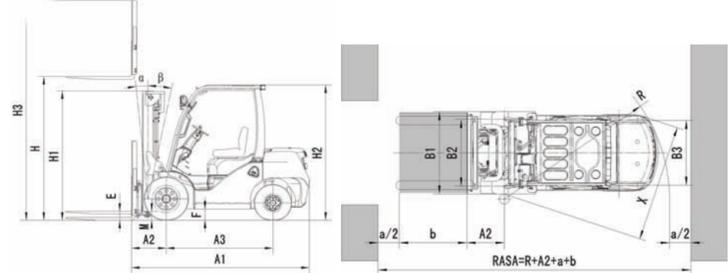
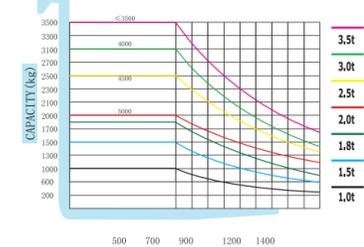
The wide and non-slate braking shoes, driven by dual-directional hydraulic braking pumps, offers smooth, efficient and durable stop mechanism.

**G series 1.5T-3.5T Diesel/Gasoline/LPG Forklift Specifications**

Manufacturer		SINOLIFT										
Model		CPQD15G-W1	CPQD18G-W1	CPQD20G-W1	CPQD25G-W1	CPQD30G-W1 CPQD30G-Y3 CPQD30G-M	CPQD35G-W1 CPQD35G-Y3 CPQD35G-M					
		CPQD15G-H1	CPQD18G-H1	CPQD20G-H1	CPQD25G-H2	CPQD30G-H2	CPQD35G-H2					
		CPYD15G-H1	CPYD18G-H1	CPYD20G-H1	CPYD25G-H2	CPQD30G-R	CPQD35G-R					
Power type		Diesel / Gasoline / LPG										
Rated capacity		kg	1500	1750	2000	2500	3000	3500				
Load center		mm	500	500	500	500	500	500				
Lift height		H mm	3000	3000	3000	3000	3000	3000				
Free lift height		H4 mm	162	162	140	145	145					
Fork size		L*W*T mm	920*100*40	920*100*40	1070*120*40	1070*120*45	1070*125*45	1075*130*45				
Mast tilt angle		α/β deg	6/11	6/11	6/12	6/12	6/12	6/12				
Front overhang		X mm	408	408	484	489	494	500				
Overall dimension		Length to fork face L1 mm	2255	2255	2564	2634	2775	2814				
		Overall width B1 mm	1080	1080	1150	1150	1236	1236				
		Mast lowered height H1 mm	1995	1995	2050	2050	2080	2230				
		Mast extended height H3 mm	4042	4042	4040	4040	4273	4273				
		Overhead guard height H2 mm	2100	2100	2150	2150	2180	2180				
Turning radius		R mm	2070	2120	2220	2270	2400	2490				
Travel speed (full load/no load)		km/h	12/14	12/14	17/19	17/19	18/19	18/19				
Lift speed (full load/no load)		mm/sec	460	485	470	470	430	400				
Max. Gradeability		%	20	20	20	20	20	15				
Service weight		kg	2740	3000	3550	3880	4380	4750				
Tyre		Front	6.50-10-10PR		6.50-10-10PR		7.00-12-12PR		7.00-12-12PR		28x9-15-14PR	
Tread		Rear	5.00-8-10PR		5.00-8-10PR		6.00-9-10PR		6.00-9-10PR		6.50-10-10PR	
Wheelbase		Y mm	1450	1450	1650	1650	1700	1700				
Ground clearance (full load/no load)		Mast	95/110	85/110	85/105	85/105	110/135	110/135				
		Frame	100/110	100/110	115/120	115/120	135/140	135/140				
Apply to truck model			CPQD15/18/20/25/30/35G-W1	CPQD30/35G-Y3	CPQD30/35G-M	CPQ(Y)D15/18/20/25G-H1	CPQ(Y)D25/30/35G-H2	CPQ(Y)D30/35G-R				
Engine type			Diesel	Diesel	Diesel	Gasoline	Gasoline	Gasoline				
Engine Name Code			W1	Y3	M	H1	H2	R				
Model			ISUZU C240PKJ	YANMAR 4TNE98	MITSUBISHI S4S	NISSAN H20(K21)	NISSAN H25(K25)	MITSUBISHI 4G64-31ZG				
Rated output		kw/rpm	34.5/2500	44.3/2500	38/2300	31.2/2250	37.4/2300	37/2500				
Rated torque		N.m/rpm	139/1800	206/1700	176/1700	143/1600	176/1600	161/1600				
No. of cylinder			4	4	4	4	4	4				
Bore*stroke(mm)		mm	86*102	98*110	94*120	89*83	89*100	86.5*100				
Displacement (L)			2.369	3.319	3.331	2.065	2.488	2.35				

Remark:  
 1. Special lifting height available. (2-Stage mast: 2.5m, 2.7m, 3.0m, 3.3m, 3.6m, 4m, 4.5m. 3-stage mast: 4.3m, 4.5m, 4.8m, 5m, 5.5m, 6m)  
 2. Attachment available.  
 3. The specification in the table are for standard models only, specification are subject to change without notice. For further information, please contact us.

**CAPACITY CHART**



RASA(Right-Angle Store Aisle)=R+A2+a+b a:Clearance b:Load Length

Notice:  
 Vertical axle stands for load capacity while horizontal axle stands for load center. Load center is the distance counted from the front of the fork. The base point of the standard load is the center point of the cubic with the same 1000mm dimension in length, width and height. The load capacity should be down, if mask fits forward, using non-standard forks or loading goods with extra width. Please refer the different load capacity between different load centers according to load chart.

**Most Specifications of G series 1.5T-3.5T Diesel/Gasoline/LPG Forklift**

2-Stage High-Visibility Mast

Mast Model	Lift Height	Lifting Capability							Overall Height of Mast						Free Lift			Mast Tilt Angle		
		4-Fulcrum forklift							1-1.8T		2-2.5T		3-3.5T		4-Fulcrum					
		1t	1.5t	1.8t	2t	2.5t	3.0t	3.5t	Lowered	Extended	Lowered	Extended	Lowered	Extended	Without Backrest	1-1.8T	2-2.5T	3-3.5T		
		Load Capacity at 500mm Load Center							With backrest		With backrest		With backrest		Without Backrest			(α/β)	(α/β)	(α/β)
		Mm	Kg	Kg	Kg	Kg	Kg	Kg	Mm	Mm	Mm	Mm	Mm	Mm	Mm	Mm	Mm	Mm	Mm	
M200	2000	1000	1500	1750	2000	2500	3000	3500	1496	3030	1522	3030	1560	3273	162	140	145	6/12	6/12	6/12
M250	2500	1000	1500	1750	2000	2500	3000	3500	1746	3530	1772	3530	1830	3773	162	140	145	6/12	6/12	6/12
M300	3000	1000	1500	1750	2000	2500	3000	3500	1995	4042	2020	4040	2080	4273	162	140	145	6/12	6/12	6/12
M330	3300	1000	1500	1750	2000	2500	3000	3500	2145	4342	2210	4340	2230	4573	162	140	145	6/12	6/12	6/12
M350	3500	1000	1500	1750	2000	2500	3000	3500	2245	4542	2310	4540	2330	4773	162	140	145	6/12	6/12	6/12
M370	3700	1000	1500	1750	2000	2500	3000	3500	2346	4730	2372	4730	2430	4947	162	140	145	6/12	6/12	6/12
M400	4000	950	1400	1600	1900	2300	2900	3200	2545	5042	2610	5040	2630	5273	162	140	145	6/8	6/8	6/8
M450	4500	900	1250	1400	1600	1800	2500	2600	2795	5542	2860	5540	2880	5773	162	140	145	6/6	6/6	6/6
M475	4750	900	1350	1600	1800	2200	2800	3000	2921	5780	2947	5780	3005	5997	162	140	145	6/6	6/6	6/6
M500	5000	800	900	1000	1250	1300	2000	2100	3046	6030	3110	6040	3120	6241	162	140	145	6/6	6/6	6/6
M550	5500	850	1150	1250	1400	1700	2200	2300	3346	6530	3372	6530	3430	6773	162	140	145	6/6	6/6	6/6
M600	6000	600	800	900	1100	1300	1700	1800	3596	7030	3622	7030	3680	7247	162	140	145	6/6	6/6	6/6

2-Stage Full Free Lift Mast

Mast Model	Lift Height	Lifting Capability							Overall Height of Mast						Free Lift (#)			Mast Tilt Angle		
		4-Fulcrum forklift							1-1.8T		2-2.5T		3-3.5T		4-Fulcrum					
		1t	1.5t	1.8t	2t	2.5t	3.0t	3.5t	Lowered	Extended	Lowered	Extended	Lowered	Extended	Without Backrest	1-1.8T	2-2.5T	3-3.5T		
		Load Capacity at 500mm Load Center							With backrest		With backrest		With backrest		Without Backrest			(α/β)	(α/β)	(α/β)
		Mm	Kg	Kg	Kg	Kg	Kg	Kg	Mm	Mm	Mm	Mm	Mm	Mm	Mm	Mm	Mm	Mm	Mm	
ZFFM200	2000	1000	1500	1750	2000	2500	3000	3500	1496	3040	1520	3024	1570	3241	981	1015	915	6/12	6/12	6/12
ZFFM250	2500	1000	1500	1750	2000	2500	3000	3500	1746	3540	1810	3524	1830	3741	1271	1285	1165	6/12	6/12	6/12
ZFFM300	3000	1000	1500	1750	2000	2500	3000	3500	1995	4042	2060	4040	2080	4273	1475	1417	1422	6/12	6/12	6/12
ZFFM330	3300	1000	1500	1750	2000	2500	3000	3500	2145	4342	2210	4340	2230	4573	1625	1567	1572	6/12	6/12	6/12
ZFFM350	3500	1000	1500	1750	2000	2500	3000	3500	2245	4542	2310	4540	2330	4773	1725	1667	1672	6/12	6/12	6/12
ZFFM370	3700	1000	1500	1750	2000	2500	3000	3500	2346	4740	2410	4724	2420	4941	1831	1865	1765	6/12	6/12	6/12
ZFFM400	4000	950	1400	1600	1900	2300	2900	3200	2542	5042	2610	5040	2630	5273	2025	1967	1972	6/8	6/8	6/8
ZFFM425	4250	900	1300	1450	1800	2100	2750	2850	2671	5290	2735	5274	2745	5491	2156	2190	2090	6/6	6/6	6/6
ZFFM450	4500	900	1250	1300	1600	1800	2500	2600	2795	5542	2860	5540	2880	5773	2275	2217	2222	6/6	6/6	6/6
ZFFM475	4750	900	1350	1600	1800	2200	2800	3000	2921	5780	2985	5774	2995	5991	2406	2440	2340	6/6	6/6	6/6
ZFFM500	5000	800	900	1000	1250	1300	2000	2100	3046	6030	3110	6024	3120	6241	2531	2565	2465	6/6		