

### New Power with Features of Saving Energy, Low-vibration and Noise

The per-heat function of the diesel engine (ISUZU 4JG2 PE, YANMAR 4TN98, NISSAN TD270) and the automatic ventilation of the gasoline engine series (MITSUBISHI 4G64, MAZADA F2) 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 stop the truck evenly but also 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.



### Hydraulic Control System

When the steering wheel is not in operation, this system will cut the floating of the hydraulic oil to the pipes for turning mechanism and make the oil stay in the lift cylinders, which can evidently increase the lifting speed and productivity.



### Hydraulic Steering Motor

The priority valve inside of the hydraulic control system, when the hydraulic motor is in operation more safe and labor-saving.

### Forklift Attachments



■ Side shift Fork



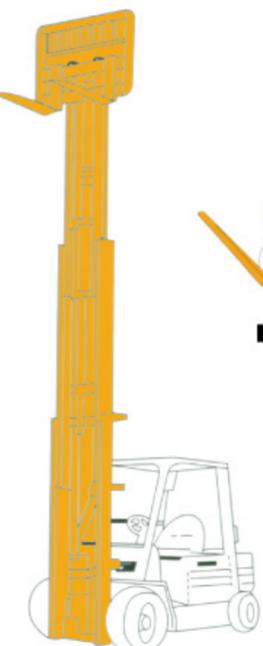
■ Circumrotatory Fork



■ Hinged bucket



■ Paper Roll Clamps



■ Three Stage Free Lift Mast



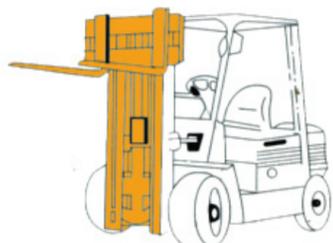
■ Hinged Fork



■ Load Stabilizer



■ Push/Pulls



■ Two Stage Free Lift Mast



■ Multi-use Horizontal Clamps

### 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
- Conveyor 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



### 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 conveyor 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	—	—	—	—				
920x100x35	100	35	770	*920	1070	1220	1370	1520	—	—	—	—	—	—	—	1.0T
920x100x35	100	35	770	*920	1070	1220	1370	1520	—	—	—	—	—	—	—	1.5T
1070x125x40	125	40	770	920	*1070	1220	1370	1520	1670	1820	1970	—	—	—	—	2.0T
1070x125x40	125	40	770	920	*1070	1220	1370	1520	1670	1820	1970	—	—	—	—	2.5T
1070x125x45	125	45	770	920	*1070	1220	1370	1520	1670	1820	1970	—	—	—	—	3.0T
1070x125x45	125	45	770	920	*1070	1220	1370	1520	1670	1820	1970	—	—	—	—	3.5T
1070x150x55	150	55	770	920	*1070	1220	1370	1520	1670	1820	1970	—	—	—	—	4.0T
1070x150x55	150	55	770	920	*1070	1220	1370	1520	1670	1820	1970	—	—	—	—	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.



G Series

Internal Combustion Balance Weight Forklift

ISO9001  
CE



- Streamlined and high-strength integral frame
- Elbowroom to drive and mini-type steering wheel
- Advanced suspension brake equipment
- Ergonomic design ensures the best possible human interface



### SINOLIFT MATERIAL HANDLING EQUIPMENT CORP.

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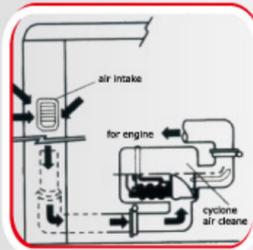
**G Series Internal Combustion Balance Weight Forklift**

- The G series is 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/set; 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 radii 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 pedar.
- 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 thd wheels. It breathes in the clean air and reduces the noise.



**Comfortable Operation 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.



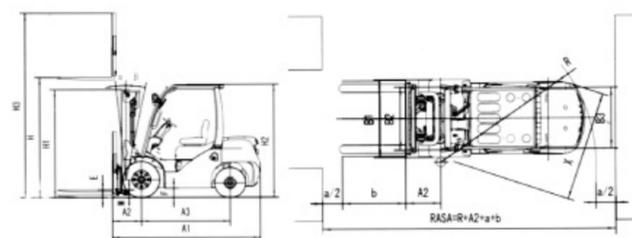
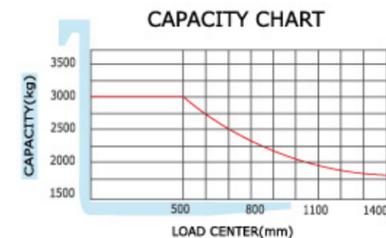
**Advanced Suspension Brake Equipment**

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

**G series Diesel/Gasoline/LPG Forklift Specifications**

Generals		SINOLIFT											
Model	CPCD30G-W2					CPQD30G-M							
	CPCD30G-D1					CPQD30G-R							
	CPCD30G-Y2					CPYD30G-M							
	CPCD30G-Y3					CPYD30G-R							
	CPCD30G-N1					*****							
	CPCD30G-N2					*****							
Power type	Diesel					Gasoline/LPG							
Rated capacity	kg	3000					3000						
Load center	mm	500					500						
Lift height	H mm	3000					3000						
Free lift height	E mm	145					145						
Fork size	mm	1070×125×45					1070×125×45						
Mast tilt angle	α / β deg	6/12					6/12						
Front overhang	A2 mm	494					494						
Overall dimensions	Length to face of fork A1 mm	2775					2775						
	Overall width B1 mm	1236					1236						
	Mast lowered height H1 mm	2070					2070						
	Mast extended height H3 mm	4272					4272						
	Overhead guard height H2 mm	2180					2180						
Turning radius	R mm	2490					2490						
Min. right angle aisle width	X mm	2210					2210						
Performance	Travel speed (no load / full load)	km/h	18/19					18/19					
Lift speed (full load)	mm/sec	450					450						
Max. gradeability	%	20					20						
Self weight	kg	4360					4360						
Wheel & Tires	Tires	Front	28×9-15-14PR					28×9-15-14PR					
	Rear	6.50-10-10PR					6.50-10-10PR						
	Tread	Front	B2 mm	1000					1000				
	Rear	B3 mm	970					970					
Wheelbase	MM	1700					1700						
Ground clearance (full load / no load)	Mast / Frame	M / F mm	110/135 / 170/175					110/135 / 170/175					
Drive units	Apply to truck model	CPCD30G-W2,D1,Y2,Y3,N1,N2					CPQ(Y)D30G-M,R						
	Model	ISUZU 4JG2PE (*W2*)	DACAI CA498 (*D1*)	YANMAR 4TNV94L (*Y2*)	YANMAR 4TNE98 (*Y3*)	NISSAN TD27 (*N1*)	NISSAN QD32 (*N2*)	MAZADA F2 (*M*)	MITSUBISHI HI 4G64 (*R*)				
	Rated output	kw/r pm	44.9/2450	45/2500	43/2500	44.4/2300	44/2300	37.2/2700	37/2500				
	Rated torque	N.m/rpm	186.3/1600~1800	190/1800	205/1000	187-207/1700	172/1600	189/1800	142/1800	161/1600			
	No.of cylinder		4	4	4	4	4	4	4				
	Bore × stroke	mm	95.4×107	98×105	94×110	98×110	96×92	99×102	86×94	86.5×100			
	Displacement	L	3.059	3.168	3.054	3.318	2.663	3.153	2.184	2.35			

- Remark:
- 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 )
  - 3.5T is available.
  - Attachment available.
  - The specification in the table are for standard models only, specification are subject to change without notice. For further information please contact us.



Notice:  
Vertical axis stands for load capacity while horizontal axis 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 the different load capacity between different load centers according to load chart.

**Mast Specifications of G series Diesel/Gasoline/LPG Forklift**

1-Stage High-Visibility Mast

Mast Model	Capacity				Max.fork height	Overall height			Free lift		Front Overhang		Tilt range	
	Load capacity at 500 mm					Lowered	Extended		Without backrest	With backrest	3.0t	3.5t	FWD	BWD
	Single tire		Double tire				Without backrest	With backrest						
	3.0t	3.5t	3.0t	3.5t			mm	mm						
2M200	3000	3500	3000	3500	2000	1520	2570	3250	120	120	440	440	6	12
2M250	3000	3500	3000	3500	2500	1770	3070	3750	120	120	440	440	6	12
2M270	3000	3500	3000	3500	2700	1875	3270	3950	120	120	440	440	6	12
2M300	3000	3500	3000	3500	3000	2025	3570	4250	120	120	440	440	6	12
2M330	3000	3500	3000	3500	3300	2145	3690	4370	120	120	440	440	6	12
2M350	3000	3500	3000	3500	3500	2245	3890	4570	120	120	440	440	6	12
2M360	3000	3500	3000	3500	3600	2295	3990	4670	120	120	440	440	6	12
2M400	2850	3250	3000	3500	4000	2495	4040	4720	120	120	440	440	6	12
2M430	2700	3000	2900	3400	4300	2645	4340	5020	120	120	440	440	6	6
2M450	2550	2850	2850	3350	4500	2745	4290	4970	120	120	440	440	6	6

2-Stage Wide-View Full Free Mast

Mast Model	Capacity				Max.fork height	Overall height			Free lift		Front Overhang		Tilt range	
	Load capacity at 500 mm					Lowered	Extended		Without backrest	With backrest	3.0t	3.5t	FWD	BWD
	Single tire		Double tire				Without backrest	With backrest						
	3.0t	3.5t	3.0t	3.5t			mm	mm						
2FFM250	3000	3000	3000	3000	2500	1830	2220	2900	1210	560	440	440	6	12
2FFM270	3000	3000	3000	3000	2700	1930	2320	3000	1310	660	440	440	6	12
2FFM300	3000	3500	3000	3500	3000	2080	2620	3300	1460	810	440	440	6	12
2FFM330	3000	3500	3000	3500	3300	2230	2870	4550	1610	960	440	440	6	12
2FFM360	3000	3500	3000	3000	3600	2380	4020	4700	1760	1110	440	440	6	12
2FFM400	2850	2850	3000	3000	4000	2580	4420	5100	2060	1410	440	440	6	12

3-Stage Wide-View Full Free Mast

Mast Model	Capacity				Max.fork height	Overall height			Free lift		Front Overhang		Tilt range	
	Load capacity at 500 mm					Lowered	Extended		Without backrest	With backrest	3.0t	3.5t	FWD	BWD
	Single tire		Double tire				Without backrest	With backrest						
	3.0t	3.5t	3.0t	3.5t			mm	mm						
3FFM430	2550	2550	2850	3350	4300	2000	5570	4910	1360	730	460	460	6	6
3FFM450	2400	2400	2700	3200	4500	2080	5750	5070	1460	810	460	460	6	6
3FFM480	2250	2250	2550	2900	4800	2125	6050	5375	1565	915	460	460	6	6
3FFM500	2100	2100	2400	2750	5000	2270	6250	5570	1610	960	460	460	6	6
3FFM550	1650	1650	2250	2550	5500	2350	6830	6150	1770	1120	460	460	3	6
3FFM600	1200	1200	2100	2300	6000	2770	7250	6570	2020	1370	460	460	3	6

- Note:
- With sideshifter minus 200Kg, with integral sideshifter minus 150Kg.
  - All those data is the standard work data, and can be changed due to the work influence.

**More value than other forklift trucks can offer**

- Mud guard plate
- Large open plate
- Large one pie floor mat
- Soft touch lever knobs and hand grips
- Bright halogen headlight
- Lamps,mirrors and back-up alarm
- Four light rear combination lights with robust guards
- Small diameter steering wheel
- Snap in mounted floor panel
- Auto glow key switch engine stop and water serarator (fd models)
- Automatically adjusting clutch systems

