

■ Mast Specifications of 8.0T/10.0T Heavy Duty Diesel Forklift

2-Stage High-visibility Mast

Mast Model	Lift Height	Lifting Capacity		Overall Height of Mast				Free Lift		Mast Tilt Angle	
		8t	10t	8t		10t		8t	10t	8T	10t
		Double Tyre		Lowered	Extended With backrest	Lowered	Extended With backrest	Double Tyre		Double Tyre	
		Load Capacity at 600mm Load Center						Without Backrest		(α/β)	(α/β)
Mm	Kg	Kg	Mm	Mm	Mm	Mm	Mm	Mm	°	°	
M300	3000	8000	10000	2695	4139	2845	4317	200	210	6/12	6/12
M325	3250	8000	10000	2820	4264	2970	4567	200	210	6/12	6/12
M330	3300	8000	10000	2845	4289	2995	4617	200	210	6/12	6/12
M350	3500	8000	10000	2945	4389	3095	4817	200	210	6/12	6/12
M375	3750	8000	10000	3070	4514	3220	5067	200	210	6/12	6/12
M400	4000	8000	10000	3245	4689	3395	5317	200	210	6/12	6/12
M425	4250	8000	10000	3370	4814	3520	5567	200	210	6/12	6/12
M450	4500	8000	10000	3495	4939	3645	5817	200	210	6/12	6/12
M475	4750	7750	10000	3620	5064	3770	6067	200	210	6/6	6/6
M500	5000	7750	10000	3745	5189	3895	6317	200	210	6/6	6/6
M550	5500	7400	9000	4045	5489	4195	6817	200	210	3/6	3/6
M600	6000	7000	8000	4295	5739	4445	7317	200	210	3/6	3/6

3-Stage Full Free Lift Mast

Mast Model	Lift Height	Lifting Capacity		Overall Height of Mast		Free Lift	Mast Tilt Angle	
		10t	10T	10T		10t	10T	
		Double Tyre		Lowered	Extended With backrest	Double Tyre		4-Fulcrum
		Load Capacity at 600mm Load Center				Without Backrest		
Mm	Kg	Kg	Mm	Mm	Mm	°		
2FFM360	3600	8000	2570	4944	1198	6/12		
3FFM400	4000	8000	2700	5334	1328	6/12		
3FFM435	4350	8000	2820	5694	1448	6/12		
3FFM450	4500	7500	2870	5844	1498	6/12		
3FFM480	4800	7500	2970	6144	1598	6/6		
3FFM500	5000	7500	3035	6339	1663	6/6		
3FFM540	5400	7000	3225	6760	1853	3/6		
3FFM600	6000	6000	3425	7360	2053	3/6		

Note: All those data is the standard work data, and can be changed due to the work influence.

Optional Equipment and Accessories

- 2.5-6.0m duplex mast
- 3.6-6.0m triplex full free mast
- Special carriage and backrest
- Solid tyre
- Cabin
- Heater and air condition
- Other dimension forks
- Sideshifter
- Other attachment
- High-mounted exhaust pipe
- Fire extinguisher
- Dual air cleaner or special air cleaner
- Rear working light
- Custom colorong paint



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	—		—	—	—
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.



L Series

Heavy Duty Diesel Forklift

ISO9001  
CE



- Rated capacity: 8.0T/10.0T
- Scientific ergonomic application
- Advanced special designed
- Reliable forceps-disk type brake
- Strict environment protection design

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### 8.0/10.0T Heavy Duty Diesel Forklift Truck

- Vertical sides help the driver work safely with less damage, even in an area with low-lever obstructions, Thick chassis plates resist distortion, reduce damage and minimise refurbishment costs.
- The wide mast, low scuttle and high seating position gives the operator an excellent view of the forks and of the way ahead-reducing load damage and accident.
- Well positioned lights ensure optimum vision to both the front and back-essential in containers.
- Much attention has been given to the carriage design, with an integral fork positioner.
- Cyclone air filter improves quality of intake air, visible instrument notify when the filter core needs maintenance.
- Horizontal cylinder steering system makes turning much easier and more reliable even in narrow operational space.
- Specially designed brake pedal and accelerating pedal, spacy operational space integrate ergonomics with fashion, preventing tiredness during long term operation.
- Brand new widened drive axle makes gravity center more stable, one time molding axle housing ensue long usage life and high safety.
- ISUZU or China made engine provide reasonable and reliable power transmission system.

### Features:

#### Comfortable, Safety, Powerful, Environment Protection

- Dynamical braking device with reliable performance and compact structure, more comfortable and portable pedal operation, alleviating the intensity of tiredness.
- Engine and transmission collocated with floating shock mitigating device, the elastic linked steering axle, the redirector provide low torsional moment, the semifloating bonnet with built-in heat and sound insulation, all of those ensure the comfort and safety.
- The design of fuel tank cover, not only for convenience of refueling but also keeping the truck body clean. Meanwhile, the engine has characteristic of low emission and pollution. Professional muffler design, seal kits for engine cover and radiator cover minimize noise.

#### Easier Maintenance and Servicing

Along with the kind of engineering that promises unsurpassed performance and productivity in all applications. Our forklifts are designed with many features that facilitate maintenance and servicing. For example, the wide-opening top panel and radiator cover are equipped with gas stays and convenient hand grips that enable quick access to the engine compartment.



#### Reliable Forceps-disk type Brake

The braking performance is reliable and stable, and temperature, environment and abrasion do not have significant inflection on the braking performance.



#### Non-slip Floor and Step

The wide-open step is not only convenient to use but safer thanks to anti-slip mats. To further improve safety in demanding work conditions, the floor board is constructed of embossed steel to reduce of possibility of slipping.



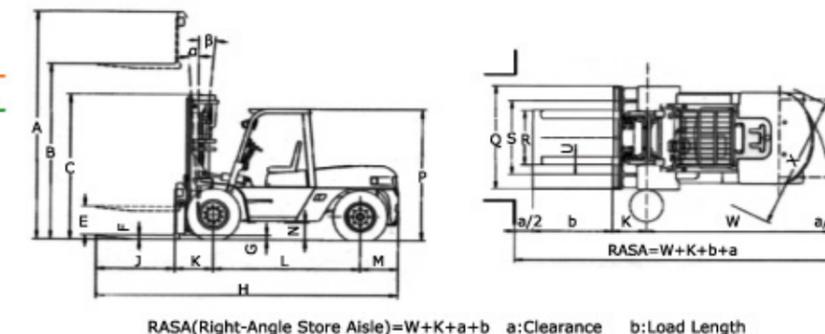
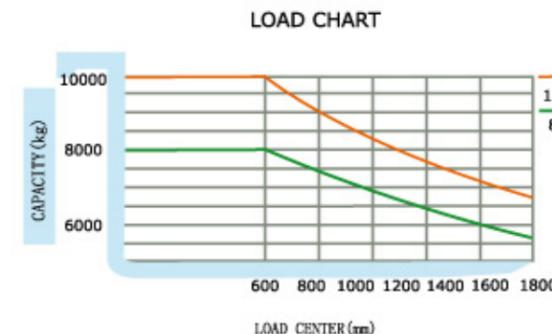
#### More Considerate Design Instrument

The highly integrated intelligent combination instrument panel is featured with luminous display and alarm indication, therefore problems are easy to be found and measures can be taken. This Solid State Digital instrument with built-in intellectual chip, what makes it sensitive, accurate, reliable, lower power consumption and long-life. It also works in wide temperature range and with high interference resistant capability.

### L Series 8.0T-10T Heavy Duty Diesel Forklift Specifications

		SINOLIFT						
		CPCD80-CY	CPCD80-W	CPCD100-CY	CPCD100-W			
Generals	Manufacturer							
	Model							
	Power type	Diesel	Diesel	Diesel	Diesel			
	Rated capacity	kg	8000	8000	10000	10000		
Dimensions	Load center	mm	600	600	600	600		
	Lift height	mm	3000	3000	3000	3000		
	Free lift height	mm	200	200	200	200		
	Fork size	J×U×F	mm	1500×160×75	1500×160×75	1500×160×80	1500×160×80	
	Fork outside spread	Min./Max.	mm	320/2015	320/2015	420/2144	420/2144	
	Mast tilt angle	α / β	deg	6/12	6/12	6/12	6/12	
	Front overhang	K	mm	700	700	733	733	
	Overall dimensions	Length to face of fork	H	mm	3940	3940	4258	4258
		Overall width	Q	mm	2245	2245	2245	2245
		Mast lowered height	C	mm	2695	2695	2845	2845
		Mast extended height	A	mm	4374	4374	4297	4297
	Overhead guard height	P	mm	2565	2565	2565	2565	
Turning radius	W	mm	3700	3700	3900	3900		
Min. right angle aisle width	X	mm	3310	3310	3540	3540		
Performance	no load/full load	Travel speed	km/h	28/24	28/24	28/22	28/22	
		Lift speed	mm/sec	480/350	410/350	390/280	350/300	
	Max. gradeability	%	20	20	20	20		
	Self weight	kg	11080	11080	12860	12860		
Wheel & Tires	Tires	Front		9.00-20-14PR	9.00-20-14PR	9.00-20-14PR	9.00-20-14PR	
		Rear		9.00-20-14PR	9.00-20-14PR	9.00-20-14PR	9.00-20-14PR	
	Tread	Front	S	mm	1600	1600	1600	1600
		Rear	T	mm	1700	1700	1700	1700
Wheelbase		mm	2500	2500	2800	2800		
Ground clearance (no load/full load)	Mast	G	mm	245/205	245/205	245/205	245/205	
	Frame	N	mm	343/323	343/323	343/323	343/323	
Battery	V/AH		2×12/100	2×12/100	2×12/100	2×12/100		
Drive units & control	Apply to truck model			CPCD80-CY	CPCD80-W	CPCD100-CY	CPCD100-W	
	Model			ZHAOCAI 6102-BG	ISUZU 6BG1QC-02	ZHAOCAI 6102-BG	ISUZU 6BG1QC-02	
	Rated output	kw/rpm		81/2500	82.4/2000	81/2500	82.4/2000	
	Rated torque	N.m/rpm		353/1650	415/1400-160	353/1650	415/1400-160	
	No. of cylinder			6	6	6	6	
	Bore × stroke	mm		102×118	105×125	102×118	105×125	
	Displacement	L		5.785	6.494	5.785	6.494	
	Fuel tank capacity	L		140	140	140	140	
Transmissions	Type			Hydraulic	Hydraulic	Hydraulic	Hydraulic	
	Shift	Fwd/Rwd		2/2	2/2	2/2	2/2	
Operating pressure	MPa		17	17	18	18		

- Special lifting height available.
- Attachment available.
- The specification in the table are for standard models only. All specifications indicated are subject to a variation of ± 15%, and may be further affected by operation conditions, optional fittings and accessories. Critical specification should be confirmed before placement of order. Specification are subject to change without notice, for further information, please contact us.



#### 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 the different load capacity between different load centers according to load chart.