

Performance specifications			
Model		CPCD200	CPCD250
Unit		in/mm	
Overall dimension	Overall length ( with forks )	344.2	674.2
	Overall width	119.7	304.0
	Overall height ( at mast )	157.3	399.5
	Overall height ( at works )	236.0	599.5
Wheelbase		167.3	425.0
Lift height ( standard )		157.5	4000
Min. underclearance		9.8	250
	Length	96.1	2440
Fork	Width	9.8	250
	Thickness	4.3	110
	Adjustable range	32.3-106.3	820-2700
	Min. turning radius(external)		233.1
Mast tilt angle ( fwd/bwd ) ( deg. )		6/10	6/10

CPCD200-250 Wide view mast											
Mast name	Max.fork Height in/mm	Max.fork Height in/mm	Loading capacity (CPCD200)/lbs-Kg	Loading capacity (CPCD250)/lbs-Kg	Overall height in/mm	Tilt angle deg./deg.	Remarks				
M400	157.5	4000	44092	20000	55116	25000	157.3	3995	6/10	6/10	standard equipment
M450	177.2	4500	44092	20000	55116	25000	167.1	4245	6/10	6/10	
M500	196.9	5000	44092	20000	55116	25000	177.0	4495	6/10	6/10	
M550	216.5	5500	44092	20000	55116	25000	186.8	4745	6/10	6/10	
M600	236.2	6000	44092	20000	55116	25000	196.7	4995	6/10	6/10	
M650	255.9	6500	44092	20000	55116	25000	206.5	5245	6/10	6/10	
M700	275.6	7000	44092	20000	55116	25000	216.3	5495	6/10	6/10	
M750	295.3	7500	44092	20000	55116	25000	226.2	5745	6/10	6/10	
M800	315.0	8000	44092	20000	55116	25000	236.0	5995	6/10	6/10	



### Easy and high efficient daily inspection

- Cab electric tilting system**  
Automatic tilting system facilitates interior maintenance; Hydraulic drives tilting cylinder with electric assistance making cab tilt 60° right ward which makes maintenance easy.
- Engine hood with large opening angle**  
Open type engine hood which can be open through self-lock spring ensures easy and high efficient maintenance.

\* Our products are constantly updated and improved. Parameters and design are subject to change without prior notice.  
\* The configuration and color of the products in figures may be different from the actual delivered model. Please in kind photos.



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**44092-55116lbs[20-25t]**

### G2 series internal combustion counterbalance forklift truck

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### G2 SERIES 44092-55116lbs[20-25t]

Performance specifications				
Model	Unit	CPCD200-V21-12IIIG2		CPCD250-V21-12IIIG2
Rated capacity	lbs Kg	44092	20000	55116 25000
Load center	in mm	47.2/1200		
Power type		Diesel engine		
Lifting speed ( unloaded/loaded )	ft/min mm/s	61.0/53.1 / 310/270		
(Descending speed unloaded/loaded)	ft/min mm/s	≥59.1/≤118.1 / ≥300/≤600		
Max.Traveling speed(loaded/unloaded)	mph Km/h	13.7/14.9 / 22/24		
Max. Gradeability(loaded)	% %	27		
Tire	Type(front/rear)	Pneumatic tire 4/2		
	Size	14.00-24-28PR		
Battery voltage/capacity	V/Ah V/Ah	24/150		
Engine	Manufacture Model	VOLVO TAD851		
	Rated output/ Speed	Hp/rpm kW/rpm	251.5/2200 / 185/2200	
	Max. torque/ Speed	lb.ft/rpm Nm/rpm	655.6/1350 / 1160/1350	
Cylinder number		6		
Displacement	L L	7.7		
Transmission gear shift ( front/rear type )		3/3 Hydraulic reversing		

Standard Configuration			
Wide view mast	Side-shifting Fork Positioner	Gauge for brake oil	Variable system
Standard fork	Electric horn	Hydraulic oil level gauge	Durable tire with decorative pattern
Steering indicator	Electro-hydraulic changing-over	Four-place control valve	Tire and adjustable steering column
Back-up mirror	Mechanical type air filter obstruction alarm	Tilt self-lock valve	Traction pin
Front combination lamp	Air conditioning	Flow regulator of lifting oil circuit	High exhaust
Rear combination lamp	Tilting cab	Fully-hydraulic powered steering	Air inlet device
Rotary warning lamp	Reversing radar	Oil filter of hydraulic oil loop	Driver's tool
Reversing buzzer	Reversing image	Full suspension seat	OPS (for lifting)
Back-up lamp	OPS (for driving)		

Optional Devices and Accessories			
Common solid tyre	String rod	Reversing horn	Crane job
User designated color	Weighing system	speaker	Slings

### Wide view and High Strength Lifting System

- Excellent front view which is benefit for the work safety improvement and working efficiency is provide with wide view mast which has proprietary intellectual property and fork positioner with side shifting.



### Engine System

#### Imported VOLVO TAD851VE diesel engine

- China II, displacement 7.7L
- Electronic throttle
- BUS control, real time display of information
- Large torque at low speed and fast response
- Good fuel economy and low noise



### Gearbox & Torque Converter

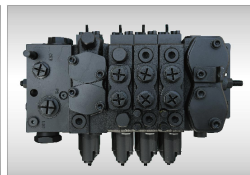
#### Imported ZF 3WG211 transmission box

- Tiptronic intelligent gear shifting technology
- Smooth gear shifting without shock
- Easy gear shifting
- High efficient power matching
- Safe and reliable; low noise
- With fault diagnosis function



### HELI smart fleet management system (optional)

- Vehicle positioning
- Remote diagnosis
- Remote monitoring
- Maintenance reminder
- Statistical form
- Vehicle management
- Identification recognition (optional)
- Weight management (optional)



### Hydraulic brake system

- Axial piston variable pump with load sensing function is energy saving and silent.
- Hydraulic controlled pilot operation of control valve has remote control function and is easy and comfort for operation.
- Full hydraulic steering system with steering priority has easy and reliable operation and high reliability.
- Hydraulic wet type brake system is reliable, stable and free from maintenance.
- Separated of tank for hydraulic and brake ensures of cleanliness and reduces the fault code of hydraulic system.



### Wet type drive axle

- **Maintenance free**  
Specially designed structure and brake principle provides anti-dust and anti-water function and saves your maintenance cost.
- **Safe and reliable brake**  
Working requirements such as Long time, high duty, short distance or frequent brake can be satisfied.



### Standard configuration of OPS

- **OPS for the whole truck**  
Truck power will be cut automatically and the truck can not be operated when operator is away from seat.

