



Performance specifications			
Model		CPCD200	CPCD250
Unit		in/mm	
Overall dimension	Overall length (with forks)	344.2	374.2
	Overall width	119.7	304.5
	Overall height (at rest)	157.3	399.5
	Overall height (at work)	236.0	595.5
Wheel base		167.3	425.0
	Lift height (standard)	157.5	400.0
Min. underclearance		9.8	25.0
	Length	98.1	244.0
Fork	Width	9.8	25.0
	Thickness	4.3	11.0
	Adjustable range	32.3-106.3	820-2700
Min. turning radius (external)		233.1	580.0
Max. tilt angle (forward) (deg.)		6/10	6/10

CPCD200-250 Wide view mast											
Model name	Max fork height mm	Loading capacity (CPCD200)kg	Loading capacity (CPCD250)kg	Overall height mm	Tilt angle deg./deg.	Remarks					
M400	157.3	4000	44092 20000	55116 25000	157.3 3995	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	216.2	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				

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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 the figure may be different from the actual delivered model. Please to be confirmed.

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44092-55116lbs[20-25t]

G2 series internal combustion
counterbalance forklift truck



www.heliforkliftamerica.com

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

Performance specifications							
Model		Line		CPCD200-V21-120H32		CPCD250-V21-120H32	
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	61.0/331 / 310/275			
(Descending speed unloaded/loaded)		ft/min	mm/s	≥5.9/1<118.1 / ≥300<600			
Max.Travelling speed(unloaded/unloaded)		mph	Kmh	13.7/14.9 / 22/24			
Max. Gradeability(loaded)		%	%	27			
Tire		Type(front/rear)		Pneumatic tire 42			
		Size		14.00-24-28PR			
Battery voltage/capacity		V/Ah	V/Ah	24/150			
Manufacture Model		VOLVO TAD851					
Engine	Rated output /Speed	Hp/rpm	kW/rpm	251.5/2200 / 185/2200			
	Max. torque /Speed	ft.lbs/rpm	Nm/rpm	855.6/1350 / 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-piece control valve	Tire and adjustable steering column
Back-up mirror	Mechanical type or the detector 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 stool
Reversing buzzer	Reversing image	Full suspension seat	OPS (for lifting)
Back-up lamp	OPS (for driving)		

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

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

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 oil tank for hydraulic and brake ensures oil 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.

