

R series 4-5 t

Internal combustion balanced weight type off-road forklift truck



Reliable special designed instrument



Back Up Down OK

1. Colorful LCD display screen with high resolution; adjustable backlight brightness;
2. CAN bus meter to read the fault code directly; (only electronic controlled engine)
3. Front and rear protection degree: IP 66
4. Working temperature:-30°C~+75°C;temperature for storage:-40°C~+85°C;
5. Multi-level programmable menu;
6. More than 20 alarm indicators and 6 simulation indicators can monitor engine and trucks at the same time to protect operator and truck safety;
7. Chinese and English are optional.
8. Point check;
9. Identity recognition(optional);Starting through card or password(optional).

	Engine coolant temperature
	Fuel level
	Oil temperature of drive axle
	LPG pressure
	Low brake pressure
	Engine alarm

	Charging indication
	Block of air cleaner
	Hand brake
	Seat switch
	Neutral indicator
	Safety belt switch

	Left turning
	Right turning
	Alarm of low fuel
	Alarm of engine oil pressure
	Preheating indication
	Hourmeter

	Intelligent shift
	Oil and water separator
	DPF parking regeneration request
	Two-wheel-drive switch
	Forcible no generation of DPF

Standard		Optional		
Protection for tilting cylinder	Headlights	Cab	Purification extinguisher	Speed limit function
Intermediate exhaust	Taillight	Air conditioner	Fire muffler	Starting through password or card
Flickering warning light	Two piece multi way valve	Heater	Rear working light	Internet of vehicle
OPS controller	Horn	Front windshield	Optional attachment	Smart safety system
Forks	Reversing buzzer	Rear windshield	Lifting slings	HELI smart fleet management system
Traction pin	Large pattern off-road tire	Fire Extinguisher	Protection net of overhead guard	
Blocking shelf		Fan	Reversing voice speaker	
Overhead guard		Dual air cleaner	Universal key	
Toolbox		Fork extension	Rear view camera	
Turn indicator lamp		Solid tire	Warning light	
Full suspension seal		Widen fork carrier	Overspeed warning	

TFT

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YUE ZHANG'S OBSTRUCTION
SMOOTH WITHOUT GROUP



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Internal combustion balanced Weight type off-road forklift truck

- 1、Beautiful shape, compact structure, small turning radius, light and flexible operation, full hydraulic power steering, steering wheel and seat adjustable angle and relative position, to meet the individual requirements of drivers.
- 2、The setting of various control handles is optimized according to ergonomic requirements to reduce labor intensity and improve production efficiency.



The whole car is equipped with LED lamps, Energy saving, environmental protection, long-term reliable.

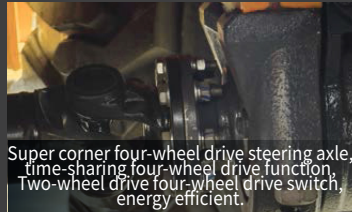


Large pattern special off-road tire

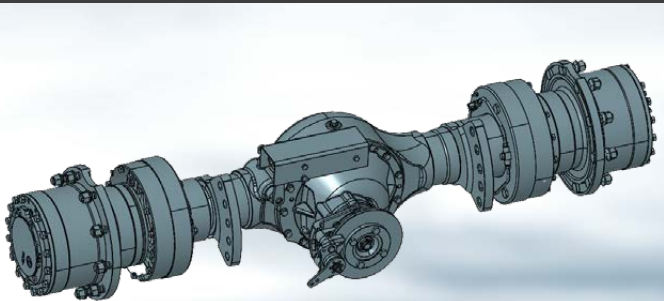
Powerful performance



Equipped with V3307 Kubota engine and compatible with Euro stage. The emission requirements of US V and Country IV have a broad market field.



Super corner four-wheel drive steering axle, time-sharing four-wheel drive function, Two-wheel drive four-wheel drive switch, energy efficient.



Wet drive axle + manual differential lock: sensitive braking, strong escape ability, high economy.



Transmission: front 3 and back 1 gear transmission, strong power, superior performance. Both power and speed are taken into account.

Superior configuration



Back handlebars with horns, It's safer to back up



Manual differential lock,two -drive four wheel drive switch



80° hood opening Angle for easy maintenance operation.

Intimate design



Standard distribution fluid reversing handle + steering, lamp combination handle Improve ease of operation



Ratchet type hand brake, reliable movement, small operating force



Fully levitated seat for enhanced driving comfort



Tilt the cylinder down to improve legroom

Manufacturer and technical parameters					
Character					
1.01 Manufacturer		TYMBIA			
1.02 Model		CPCD40	CPCD45	CPCD50	
1.03 Rated Capacity	kg	4000	4500	5000	
1.04 Load Center	mm		600		
1.05 Power Type			Diesel		
1.06 Operation Mode			Seat-type		
Dimensions					
2.01 Lifting Height(standard)	H	mm	3000	3000	3000
2.02 Mast Overall Height(Fork to the ground and mast be vertical)	H1	mm	2380		
2.03 Max.Fork Lifting Height(With backrest)	H2	mm	4380		
2.04 Free Lift Height	H3	mm	150		
2.05 Overall Height	H4	mm	2580		
2.06 Min.Ground Clearance(At the mast)	H5	mm	320		
2.07 Distance From the Surface of the Seat to the Overhead Guard	H6	mm	1208		
2.08 Traction Pin Height	H9	mm	690		
2.09 Overall Length(With fork/Without fork)	(L/L')	mm	4660/3440		
2.10 Wheel Base	L1	mm	2150		
2.11 Front Overhang	L2	mm	685		
2.12 Rear Overhang	L3	mm	605		
2.13 Overall Width	W1	mm	(2050/1980)		
2.14 Tread (Front tread/Rear tread)	(W3/W2)	mm	1650		
2.15 Fork Adjustable Range(the external of the fork)(Max./Min.)	W5	mm	1340/300		
2.16 Min.Turning Radius(Exterior)	r	mm	4520		
2.17 Min.Right Angle Stacking Aisle Width	Ra	mm	6440		
2.18 Mast Tilting Angle	α/β	deg.	10°/12°		
2.19 Fork Size	(L4xWxT)	mm	1220x155x50		
Performance					
3.01 Max.Traveling Speed (Loaded/Unloaded)	No differential lock With differential lock	km/h		30	
3.02 Max.Gradeability (Loaded/Unloaded)	With differential lock	km/h		28	
3.03 Max.Drawbar Pull (Loaded/Unloaded)	With differential lock	%		45	
3.04 Lifting Speed (Loaded/Unloaded)	With differential lock	kN		60	
3.05 Lowering Speed (Loaded/Unloaded)	/	mm/s		500/550	
	/	mm/s		450/400	
Weight					
4.01 Self weight (including oil and water)	kg	7450 (7550)	7800 (7900)	8100 (8200)	
Wheel and Tyre					
5.01 Wheel Number x = Drive Wheel (Front/Rear)			2X/2		
5.02 Tyre Type(Front/Rear)			Vacuum tyre		
5.03 Tyre Size(Front/Rear)			385/65-22.5-16TL/12-16.5-10-TL		
5.04 Service Brake			Hydraulic-Foot Pedal		
5.05 Parking Brake			Ratchet parking brake		

Drive, transmission control device (standard without differential lock, optional with differential lock), Optional forklift engine models and their main technical parameters							
Engine model	Engine description	Configure the vehicle model	Configure the vehicle model	Rated power/speed	Rated torque / speed	Engine displacement	Number of engine cylinders-cylinder diameter X stroke(94X120)
Kubota V3307	Electronically controlled high pressure common rail + supercharged intercooling + DOC+DPF+EGR	CPCD40-50-KU4Y4(2)R-3-06	12/95	55.4/2200	335/1400	3.33	4-94×120
QUANCHAI V35-88C41	998 electronically controlled high pressure common rail + supercharged intercooling + DOC+DPF+EGR	CPCD40-50-QC13Y4(2)R-3-06	12/95	65/2200	350/1800	3.47	4-98×115
QUANCHAI4C6-88C31	998 electronically controlled high pressure common rail + supercharged intercooling	CPCD40-50-QC7Y4(2)R-3-06	12/95	65/2200	350/1800	3.47	4-98×115
MitsubishiS6S-T	VE pump + turbocharging	CPCD40-50-M1Y2R-3-06	2×12/80	63.9/2300	285/1700	4.996	6-94×120

Wide view mast						
Mast model	Lifting height (mm)	Bearing capacity		Mast overall height (fork to the ground) (mm)	Service weight (kg)	
		5t	5t		5t	5t
M260	2600	5000	2200	8154	150	10/12
M270	2700	5000	2250	8166	150	10/12
M300	3000	5000	2400	8200	150	10/12
M330	3300	5000	2550	8234	150	10/12
M350	3500	5000	2650	8257	150	10/12
M370	3700	5000	2750	8280	150	10/12
M400	4000	5000	2950	8369	150	10/12
M425	4250	5000	3075	8389	150	10/12
M450	4500	5000	3200	8418	150	10/12
M475	4750	4700	3325	8447	150	10/12
M500	5000	4200	3450	8474	150	10/6
M550	5500	3700	3700	8580	150	10/6
M600	6000	3200	3950	8636	150	10/6

Wide view full free 2-stage mast						
Mast model	Lifting height (mm)	Bearing capacity		Mast overall height (fork to the ground) (mm)	Service weight (kg)	
		5t	5t		5t	5t
ZM261	2610	5000	2240	8250	900	10/12
ZM271	2710	5000	2290	8265	950	10/12
ZM300	3000	5000	2435	8307	1095	10/12
ZM330	3300	5000	2585	8351	1245	10/12
ZM350	3500	5000	2685	8380	1345	10/12
ZM375	3750	5000	2810	8416	1470	10/12
ZM400	4000	5000	2935	8473	1595	10/12
ZM450	4500	4500	3185	8545	1845	10/12
ZM500	5000	4000	3435	8615	2095	6/6
ZM550	5500	3600	3685	8734	2345	6/6
ZM600	6000	3300	3935	8783	2595	6/6

wide view full free 3-stage mast						
Mast model	Lifting height (mm)	Bearing capacity		Mast overall height (fork to the ground) (mm)	Service weight (kg)	
		5t	5t		5t	5t
ZSM435	4350	4400	2320	8548	960	10/12
ZSM450	4500	4200	2370	8568	1010	10/12
ZSM470	4700	4050	2435	8594	1075	10/12
ZSM480	4800	3950	2470	8607	1110	10/12
ZSM500	5000	3800	2570	8647	1210	6/6
ZSM540	5400	3500	2705	8724	1345	6/6
ZSM600	6000	3150	2940	8832	1580	6/6