



TEU

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- Features and specifications may vary depending on markets.
- Performance data and dimensions are nominal and subject to tolerances.



Manufactured by

TEU

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Distributed by

Version 1.0/2024

TEU

FRD Series

FEARLESS OF ROUGH GROUND!



**2.5T/ 3.5T
4WD**

Performance Display:



280mm ground clearance,
strong passability



High quality off-road tires
+limited slip differential
Strong grip, easy escape
from muddy roads

Enhanced Operator Comfort:



Two levels of boarding pedals



Spacious footstep space

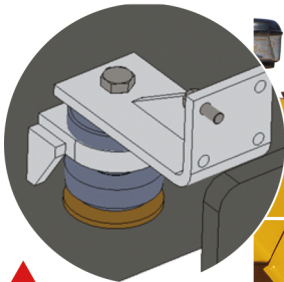


Wide view mast

SIGNIFICANT VIBRATION ABSORPTION



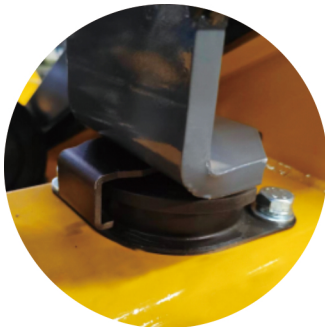
Suspension seat



Imported quality
cushioning pad
under the engine
and transmission



Integrated cab+suspended gearbox



Imported quality cab
cushion pad



Ergonomic instrument panel: integrated handle switch, ratchet type hand brake and integrated electro-hydraulic reversing handle



Configuration Display:



Protection Cover (optional)



Rotating Warning Light



Spherical Mirror (optional)



Rear handle with horn button



LED color screen instrument panel



2-wheel drive/4-wheel drive one click switch



Air Prefilter



Built in dual air filters (optional)



The concealed refueling port, effectively avoids the intrusion of rainwater and sediment



Enhanced dashboard, increased strength, and effectively reduced the shaking of the wheel



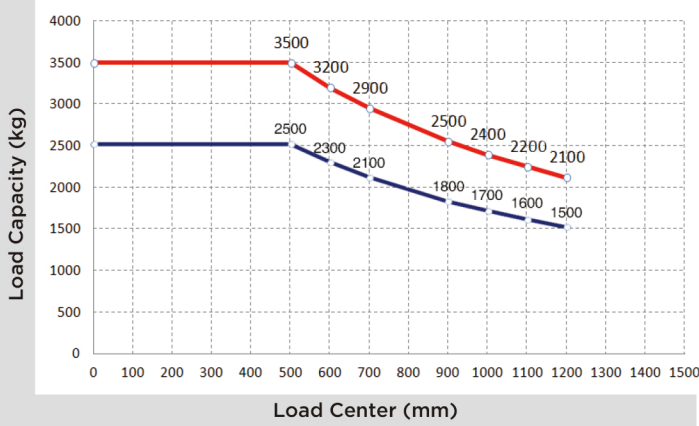
Suspension seat (GRAMMER as option)



High angle hood open for easy maintenance

Manufacturer and Technical Data							
Specifi- cation	Manufacturer	TEU					
	Model			FR4D25		FR4D35	
	Load capacity		kg	2500		3500	
	Load center		mm	500		500	
	Power unit			Diesel		Diesel	
	Operator type			Driver/seat		Driver/seat	
Weight	Truck weight		kg	5000		5500	
Wheels & Tyres	Tire type			Pneumatic		Pneumatic	
	Tires number X=(front/rear)			2X/2		2X/2	
	Tires model(front tire)			14-17.5-16TL		14-17.5-16TL	
	Tires model(rear tire)			10-16.5-10TL		10-16.5-10TL	
Dimen- sion	Lifting height	①	mm	3000		3000	
	Mast height(forks lowering)	②	mm	2175		2225	
	Overall height fork raised(with backrest)	③	mm	4040		4280	
	Free lifting height	④	mm	160		150	
	Height of head guard	⑤	mm	2450		2450	
	ground clearance(mast)	⑥	mm	280		280	
	Load backrest height(calculate from forks face)	⑦	mm	1040		1280	
	Overall length(with/without forks)	⑧	mm	4245/3135		4300/3180	
	Wheel base(front/rear)	⑨	mm	2000		2000	
	Front overhang	⑩	mm	570		580	
	Rear overhang	⑪	mm	565		600	
	Width	⑫	mm	1640		1640	
	Tread(front/rear)	⑬⑭	mm	1250/1280		1250/1280	
	Forks open range (forks outside Max/Min)	⑮	mm	1395/250		1395/250	
	Min Turning radius	⑯	mm	3565		3600	
	Tilt angle,mast forward/backward	⑰⑱	°	10°/12°		10°/12°	
	forks: Length x Width x Length	⑲	mm	1070X122X40		1070X125X50	
	Right angle stacking aisle (no add load length & clearance)	⑳	mm	3465		3500	
	Perfor- mance	Max travelling Speed, full/no load		km/h	20/20		20/20
		Lifting speed, full/no load		mm/s	480/520		450/520
Lowering speed,full/no load			mm/s	370/350		370/350	
Max. drawbar pull			KN	38		38	
Gradeability			%	46		36	
Drive Line	Engine manufacture/Model			YANMAR/4TNE98	Kubota-V2403	YANMAR/4TNE98	Kubota-V2403
	Rated power		Kw/rpm	43.7/2300	43.2/2400	43.7/2300	43.2/2400
	Rated torque		Nm/rpm	177.6/1700	198.5/1500	177.6/1700	198.5/1500
	Number of cylinder/displacement		/L	4-98X110/3.319	4-87X102.4/2.4	4-98X110/3.319	4-87X102.4/2.4
	Emission standard			China Stage III	EURO V/ T4F	China Stage III	EURO V/ T4F
	Transmission speed(forward/backward)			2-1 power shift M/T	2-1 power shift M/T	2-1 power shift M/T	2-1 power shift M/T

Load Curve



FR4D35 FR4D25

Vertical axis represents load capacity; Horizontal axis shows load center, Load center are determined from front face of the fork.

Capacity based on a 1000mm cube load configuration with the center of gravity at the true center of the cube, and standard fork.

The load capacity will be reduced while the mast tilt forward or loading with long fork or lifting transformable width of goods. Getting the load capacities at the various load centers timely via the load curve.

TEU's products and specifications change without prior notice. TEU forklift truck has equipped with standard safety device. TEU is not responsible for the damage occurred by removing its safety device.

Wide View Mast VM

Mast Model	Load Center 500mm		Max.lift Height	Mast Height				Free Lift with Backrest	Tilt Range fwd/bwd	Weight	
				Fork Lowered		Forkl Lift (withbackrest)				FR4D25	FR4D35
	FR4D25	FR4D35		FR4D25	FR4D35	FR4D25	FR4D35				
	kg	kg	mm	mm	mm	mm	mm	mm	deg	kg	kg
VM250	2500	3500	2500	1975	1975	3730	3730	150	10-12	4965	5465
VM270	2500	3500	2700	2075	2075	3930	3930	150	10-12	4980	5780
VM300	2500	3500	3000	2225	2225	4230	4230	150	10-12	5000	5500
VM330	2500	3500	3300	2375	2375	4530	4530	150	10-12	5020	5520
VM350	2500	3500	3500	2475	2475	4730	4730	150	10-12	5035	5535
VM366	2500	3500	3660	2555	2555	4890	4890	150	10-12	5045	5545
VM375	2500	3500	3750	2575	2600	4980	4980	150	10-12	5050	5550
VM400	2500	3500	4000	2775	2775	5230	5230	150	10-6	5075	5575
VM450	2150	3000	4500	3025	3025	5730	5730	150	10-6	5110	5610
VM475	1850	2900	4750	3150	3150	5980	5980	150	10-6	5130	5630
VM500	1700	2800	5000	3275	3275	6230	6230	150	5-6	5145	5645
VM550	1450	2000	5500	3575	3575	6730	6730	150	5-6	5185	5685
VM600	1300	1500	6000	3825	3825	7230	7230	150	5-6	5520	6020

2 Stage Free Lift Mast VFM

Mast Model	Load Center 500mm		Max.lift Height	Mast Height				Free Lift with Backrest	Tilt Range fwd/bwd	Weight	
	FR4D25	FR4D35		Fork Lowered		Forkl Lift (withbackrest)				FR4D25	FR4D35
				FR4D25	FR4D35	FR4D25	FR4D35				
	kg	kg	mm	mm	mm	mm	mm	deg	kg	kg	
VFM250	3000	3500	2500	1965	1965	3730	3730	600	10-12	5003	5503
VFM270	3000	3500	2700	2065	2065	3930	3930	700	10-12	5019	5519
VFM300	3000	3500	3000	2215	2215	4230	4230	850	10-12	5043	5543
VFM330	3000	3500	3300	2365	2365	4530	4530	1000	10-12	5066	5566
VFM350	3000	3500	3500	2465	2465	4730	4730	1100	10-12	5082	5582

3 stage free lift mast VFSM

Mast Model	Load Center 500mm		Max.lift Height	Mast Height				Free Lift with Backrest	Tilt Range fwd/bwd	Weight	
				Fork Lowered		ForkL Lift (withbackrest)					
	FR4D25	FR4D35		FR4D25	FR4D35	FR4D25	FR4D35			FR4D25	FR4D35
	kg	kg	mm	mm	mm	mm	mm	mm	deg	kg	kg
VFSM360	2500	3500	3600	1965	1965	4830	4830	675	10-6	4984	5484
VFSM400	2500	3500	4000	2090	2090	5230	5230	800	10-6	5017	5517
VFSM435	2200	3200	4350	2215	2215	5580	5580	925	10-6	5044	5544
VFSM450	2050	3100	4500	2265	2265	5730	5730	1000	10-6	5055	5555
VFSM470	2000	2900	4700	2330	2330	5930	5930	1075	10-6	5071	5571
VFSM500	1600	2800	5000	2465	2465	6230	6230	1175	10-6	5104	5604
VFSM550	1100	2000	5500	2630	2630	6730	6730	1325	5-6	5138	5638
VFSM600	950	1500	6000	2815	2815	7230	7230	1525	5-6	5181	5681

Standard Equipments:

- | | | | | |
|----------------------|----------------------|------------------------------------|--|---------------|
| • Wide view mast | • Standard gear rack | • Power steering | • Headlamp and steering indicator lamp | • Rear mirror |
| • Load one-way valve | • Long-life tires | • Adjustable steering wheel column | • Charge indicator lamp | • Tools |
| • Kin pin | • traction pin | • Side roller | • Hour meter | • Side roller |
| • Standard carriage | • Reversing light | • General seat | • Electric horn | • LS system |

Options:

- | | | | | |
|---------------------|-------------------|---------------|-----------------------|--------------------------|
| • Fire extinguisher | • Heater unit | • Solid tires | • Tiltcylinder jacket | • Rotating warning light |
| • Cab | • Rear work light | | | |

Attachments:

- | | | | | |
|----------------|---------------|-------------|-------------------|------------------|
| • Side shifter | • Carpet boom | • Long fork | • Fork positioned | • Fork extension |
| • Flat clamp | • Others | | | |