

FD/G Series 20-40

Counter Balanced Forklift

TEU



Wide view mast VM

Mast model	Load center 500mm					Max. lift height	Mast height					Tilt range	Weight				
							Fork lowered			fork lift with backrest							
	FD/FG20	FD/FG25	FD/FG30	FD/FG35	FD/FG40		FD/FG20-25	FD/FG30-35	FD/FG40	FD/FG20-25	FD/FG30-40	fwd/bwd	FD/FG20	FD/FG25	FD/FG30	FD/FG35	FD/FG40
	kg	kg	kg	kg	kg	mm	mm	mm	mm	mm	deg	kg	kg	kg	kg	kg	
VM250	2000	2500	3000	3500	4000	2500	1745	1825	1900	3530	3750	6 - 12	3200	3540	4270	4650	5000
VM270	2000	2500	3000	3500	4000	2700	1845	1925	2000	3730	3950	6 - 12	3215	3555	4285	4670	5020
VM300	2000	2500	3000	3500	4000	3000	1995	2075	2150	4030	4250	6 - 12	3240	3580	4300	4700	5050
VM330	2000	2500	3000	3500	4000	3300	2145	2225	2300	4330	4550	6 - 12	3265	3605	4335	4730	5080
VM350	2000	2500	3000	3500	4000	3500	2245	2325	2400	4530	4750	6 - 12	3280	3620	4350	4750	5100
VM400	2000	2500	3000	3500	4000	4000	2545	2625	2700	5030	5250	6 - 6 *6 - 12	3340	3680	4430	4835	5185
VM450	1900 *1950	2150 *2450	2900 *3000	3000 *3500	3400 *4000	4500	2795	2875	2950	5530	5750	6 - 6 *6 - 12	3380	3720	4470	4880	5225
VM500	1650 *1700	1700 *2250	2700 *2850	2800 *3300	3200 *3700	5000	3045	3125	3200	6030	6250	6 - 6 *6 - 6	3420	3760	4515	4930	5300
VM550	*1500	*1700	*2400	*2700	*3100	5500	3345	3425	3500	6530	6750	*3 - 6	3615	3955	4740	5160	5495
VM600	*1300	*1400	*2000	*2300	*2700	6000	3595	3675	3750	7030	7250	*3 - 6	3655	3995	4780	5205	5535

2 stage free lift mast VFM

Mast model	Load center 500mm					Max. lift height	Mast height								Tilt range	Weight				
							Fork lowered			fork lift with backrest		free lift with backrest								
	FD/FG20	FD/FG25	FD/FG30	FD/FG35	FD/FG40		FD/FG20-25	FD/FG30-35	FD/FG40	FD/FG20-25	FD/FG30-40	FD/FG20-25	FD/FG30-40	fwd/bwd	FG/FD20	FG/FD25	FG/FG30	FG/FG35	FG/FG40	
	kg	kg	kg	kg	kg	mm	mm	mm	mm	mm	mm	mm	deg	kg	kg	kg	kg	kg		
VFM250	2000	2500	3000	3500	4000	2500	1745	1825	1875	3530	3760	745	600	6 - 12	3260	3600	4330	4720	4970	
VFM270	2000	2500	3000	3500	4000	2700	1845	1925	1975	3730	3960	845	700	6 - 12	3275	3615	4350	4740	4990	
VFM300	2000	2500	3000	3500	4000	3000	1995	2075	2125	4030	4260	995	850	6 - 12	3305	3645	4380	4770	5020	
VFM330	2000	2500	3000	3500	4000	3300	2145	2225	2275	4330	4560	1145	1000	6 - 12	3330	3670	4405	4795	5045	
VFM350	2000	2500	3000	3500	4000	3500	2245	2325	2375	4530	4760	1245	1100	6 - 12	3345	3685	4425	4815	5065	

3 stage free lift mast VFHM

Mast model	Load center 500mm					Max. lift height	Mast height								Tilt range	Weight				
							Fork lowered			fork lift with backrest		free lift with backrest								
	FD/FG20	FD/FG25	FD/FG30	FD/FG35	FD/FG40		FD/FG20-25	FD/FG30-35	FD/FG40	FD/FG20-25	FD/FG30-40	FD/FG20-25	FD/FG30-40	fwd/bwd	FG/FD20	FG/FD25	FG/FG30	FG/FG35	FD/FG40	
	kg	kg	kg	kg	kg		mm	mm	mm	mm	mm	mm	mm	deg	kg	kg	kg	kg	kg	
VFHM360	2000	2500	3000	3500	4000	3600	1745	1825	1825	4630	4860	745	600	6 - 6 *6 - 10	3410	3750	4490	4880	5130	
VFHM400	2000	2500	3000	3500	4000	4000	1870	1950	1950	5030	5260	870	725	6 - 6 *6 - 10	3445	3785	4525	4915	5165	
VFHM435	1900 *2000	2200 *2400	2900 *3000	3200 *3500	3650 *4000	4350	1995	2075	2075	5380	5660	995	850	6 - 6 *6 - 10	3475	3815	4560	4950	5200	
VFHM450	1800 *2000	2100 *2400	2850 *3000	3100 *3500	3540 *4000	4500	2070	2150	2150	5530	5760	1070	925	6 - 6 *6 - 10	3490	3830	4575	4970	5225	
VFHM480	1700 *1900	1900 *2300	2800 *2900	2900 *3400	3310 *3880	4800	2145	2225	2225	5830	6060	1145	1000	6 - 6 *6 - 10	3515	3855	4595	4985	5235	
VFHM500	1500 *1800	1600 *2250	2600 *2700	2800 *3100	3200 *3540	5000	2245	2325	2325	6030	6260	1245	1100	6 - 6 *6 - 10	3535	3875	4625	5015	5265	
VFHM550	1150 *1700	1250 *2100	1900 *2650	2000 *2700	2280 *3085	5500	2380	2460	2460	6530	6760	1395	1250	3 - 6 *3 - 6	3570	3910	4675	5050	5300	
VFHM600	900 *1650	950 *1800	1400 *2100	1500 *2300	1700 *2630	6000	2595	2675	2675	7030	7260	1595	1450	3 - 6 *3 - 6	3655	3995	4750	5140	5390	
VFHM650	*1500	*1550	*1700	*1700	*1940	6500	2810	2890	2890	7530	7760	1810	1665	*3 - 3	3835	4175	4965	5350	5600	
VFHM700	*1250	*1250	*1350	*1350	*1540	7000	3030	3110	3110	8030	8260	2030	1885	*3 - 3	3885	4225	5020	5410	5660	

Notes : (1) Adapt to FD/FG20-25, Max. lifting height(without backrest) : -470mm,Free lift height without backrest : +470mm, Weight without backrest : -20kg
(2) Adapt to FD/FG30-40, Max. lifting height(without backrest) : -580mm,Free lift height without backrest : +580mm, Weight without backrest : -30kg
(3) Diesel forklift weight : +80kg

Notes: The mark * is with double tires, the weight with double tires: FD/FG20-25 +120kg; FD/FG30-40 +150kg.

Lift speed with VFM/VFHM: VFM FG 400mm/s full load, 450mm/s no load, FD 400mm/s full load, 420mm/s no load
VFHM: FG 410mm/s full load, 470mm/s no load, FD 420mm/s full load, 440mm/s no load
Lowering speed: VFM/VFHM FD400mm/s no load, 300mm/s no load



Anhui TEU Forklift Truck Co.,Ltd.

Tel: 0086-551-65717981 65717980

Fax: 0086-551-65711998

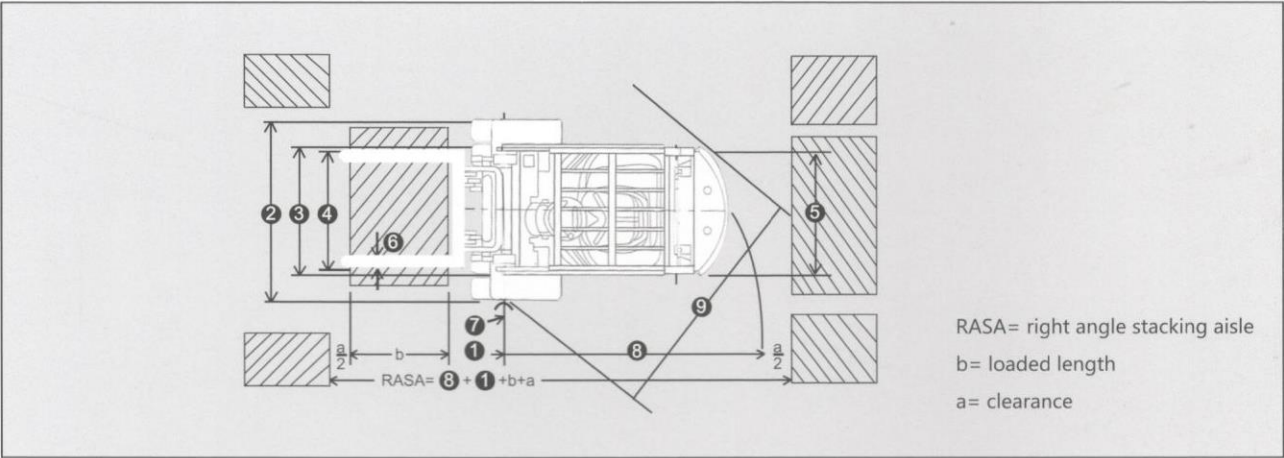
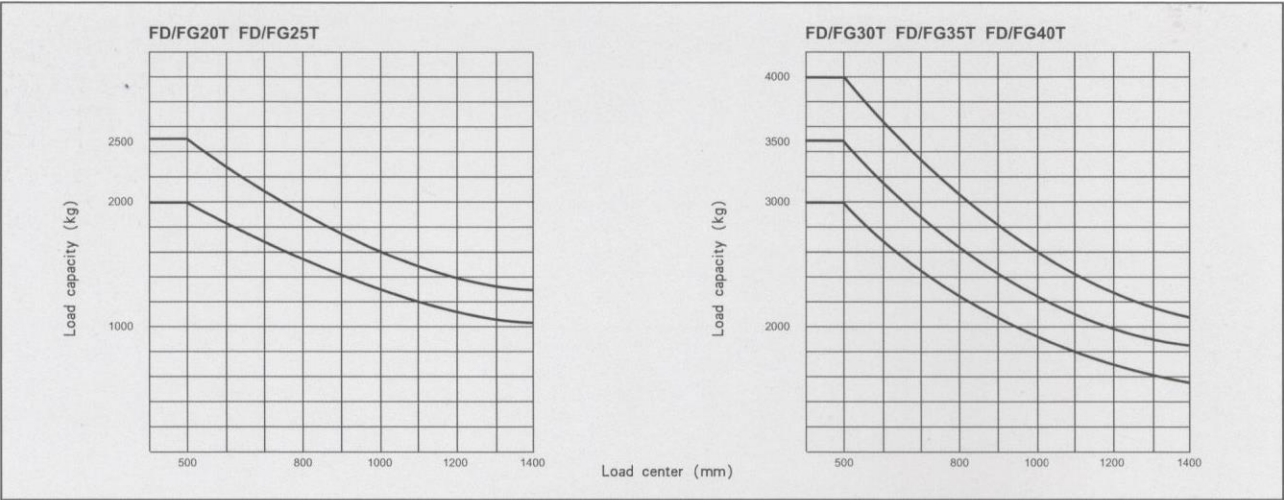
Zip: 230601

Add: No.656 Fangxing Road, Economic And Technological
Development Zone Hefei, Anhui, China.

Email: admin@teuforklift.com

Web: www.teuforklift.com

Distributor:



Specifications(front sigle tires)

MODEL	FD/FG20T	FD/FG25T	FD/FG30T	FD/FG35T	FD/FG40T
	(mm)	(mm)	(mm)	(mm)	(mm)
① Front Overhang	450	450	480	485	485
② Total Width	1150	1150	1225	1285	1365
③ Front Track	970	970	1000	1060	1120
④ Fork Spread (outside)	245~1020	245~1020	250~1090	250~1190	250~1190
⑤ RearTrack	970	970	970	970	970
⑥ Fork Width	122	122	125	125	150
⑦ Turning Radius(inside)	160	160	200	200	200
⑧ Turning Radius(outside)	2170	2240	2445	2495	2530
⑨ Right Angle Turning Aisle	1920	2010	2155	2205	2450



■ Cleaner, more efficient Engines



■ Easy maintenance



■ Easier entry and exit from an extra-wide step

Standard Specification

Specifications	1	Manufacturer				TEU				
	2	Model			FD20T	FD25T	FD30T	FD35T	FD40T	
					FG20T	FG25T	FG30T	FG35T	FG40T	
	3	Load capacity	kg	2000	2500	3000	3500	4000		
4	Load center	mm	500		500		500			
5	Power unit		Diesel/LPG		Diesel/LPG		Diesel/LPG			
6	Operator type		Seat							
7	Tire type	front / rear		Pneumatic						
8	Wheels	front / rear		2/2						
Dimension	9	Max lifting height		mm	3000					
	10	Free lift		mm	160		150		150	
	11	Fork size	L × W × T	mm	1070x122x40		1070x125x45	1070x125x50	1070x150x50	
	12	Tilt range	Mast forward/backward	deg	6/12		6/12		6/12	
	13	Overall length(without fork)		mm	2460	2530	2705	2760	2870	
	14	Total width		mm	1150		1225	1285	1365	
	15	Mast height(fork lowering)		mm	1995		2075		2150	
	16	Overall height fork raised(with backrest)		mm	4030		4250		4250	
	17	Height of head guard		mm	2120		2140		2140	
	18	Turning raduis(outside)		mm	2170	2240	2445	2495	2530	
	19	Load distance		mm	450	450	480	485	485	
	20	Right angle stacking aisle (not add load length & clearance)			2620	2690	2925	2980	3015	
Performance	21		Max.travelling (forward/backward)	full load	km/h	17		18	16.5	
				no load	km/h	19		19.5	18	
	22	Speed	Lifting	full load	mm/s	550		450	450	380
				no load	mm/s	580		500	500	480
	23		Lowering	full load	mm/s	450		450	450	450
				no load	mm/s	550		450	420	420
24	Max. drawbar pull		full load/no load	kg	1650/830		1300/1000	1800/1000	2200/1000	
25	Gradeability at 1.6km/h		full load/no load	%	25/20	22/18	17/20	17/20	18/20	
Weight	26	Truck weight			kg	3240	3580	4300	4700	5050
	27		Full load	front axle	kg	4660	5370	6450	7340	7890
				rear axle	kg	580	710	850	860	1140
	28		No load	front axle	kg	1470	1390	1630	1790	1810
rear axle				kg	1770	2190	2670	2910	3240	
Chassis & Wheels	29		Number	front / rear		2/2		2/2		2/2
	30	Tires	Model	front axle		7.00-12-12PR		28x9-15-12PR		250-15-16PR
				rear axle		6.00-9-10PR		6.50-10-10PR		6.50-10-10PR
	31					6.00-9-10PR		6.50-10-10PR		6.50-10-10PR
	32	Wheelbase			mm	1600		1700		1800
	33	Tread	Front		mm	970		1000	1060	1120
			Rear		mm	970		970		970
	34	Ground clearance	At lowest point(mast)		mm	110		120		120
			Frame		mm	115		135		135
	35	Brake	Service brake				Hydraulic - foot pedal			
Parking brake				Mechanical - hand lever						
Drive line	36	Battery	Voltage/capacity	diesel/LPG	V/AH	12/80 / 12/60				
	37	Engine	Model			CUMMINS B3.3 / NISSAN K25EPA				
			Rated power / r.p.m		KW/rpm	48/2600 / 42.2/2700				
			Rated torque		N-m/rpm	214/1600 / 155/1600				
			Number of cylinder			4				
			Displacement		L	3.3 / 2.488				
	38	Fuel tank capacity			L	70				
39	Transmission	Speed forward/backward			1-1 Power shift T/M					
40	Operating pressure	Hydraulic system pressure		kg/cm²	180					